

Appendix K

Water Quality Assessment



CANADA NICKEL
COMPANY

Crawford Nickel Project Water Quality Model Report

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1. Introduction



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1. Introduction

1.1 Project Description

The Crawford Nickel Project (The Project), owned by Canadian Nickel Company (CNC), proposes to develop an open pit mine located 43 km north of Timmins, Ontario. (Figure 1-1). The deposit is a greenfield site with no prior history of mining activity. The Project consists of an open pit, two low grade ore stockpiles, two ore processing plants, a waste impoundment, and a tailings management facility (TMF) (Figure 1-2). The current life of mine is 41 years. Mining of the pit would be complete after 30 years, with ore stockpiles milled for the final 11 years of mine life. Economic recovery of value minerals notably Ni as well as Co, Fe and Cr will occur using a combination of flotation and magnetic separation processes followed by in-process tailings carbonation to mineralize CO₂ within the tailings waste stream. Ore will initially be processed at a rate of 60,000 tpd, with a single mill expansion to increase the milling rate to 120,000 tpd in Year 3.5 of operations. The mine waste facilities will be progressively reclaimed during mine operations, and the pit will be allowed to passively flood with groundwater and surface runoff from the surrounding catchment at the end of operations.

1.2 Study Objectives

Lorax Environmental Services Ltd. (Lorax) was retained by CNC to develop a mine site water quality model (WQM) and associated geochemical source terms for the Project. The assessment focuses on mine water quality (water management ponds, pit lake, *etc.*) and loadings from reclaimed areas that will directly seep into the receiving environment (*i.e.*, West Buskegau River or North Driftwood River). The WQM was constructed to meet requirements specified in the 2023 Tailored Impact Statement Guidelines (TISG) issued by the Impact Assessment Agency for the Crawford Nickel Project. To the authors knowledge is the first WQM constructed for the Project.

Inputs from a number of disciplines are incorporated into the model setup and have bearing on the ultimate water quality predictions for the Project. Water management and water balance inputs (*i.e.*, precipitation, evaporation, snowmelt, temperature) were provided by Ausenco (2024). The baseline surface and ground water quality, as well as groundwater flow estimates are provided by Stantec (2024a and 2024b). The geochemical baseline and initial source term inputs were provided by WSP (2023 and 2024).

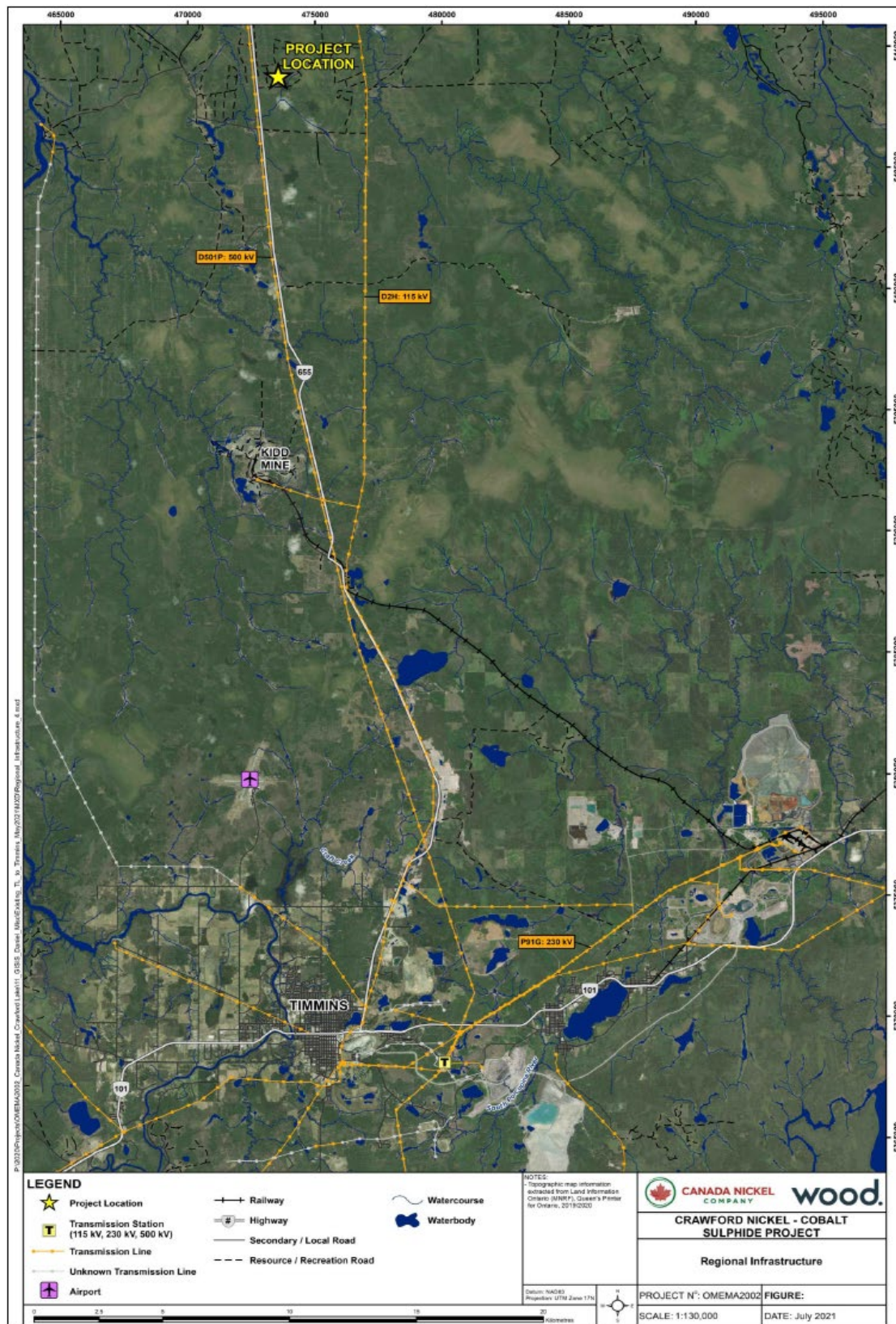


Figure 1-1: Project Location (Wood, 2021).

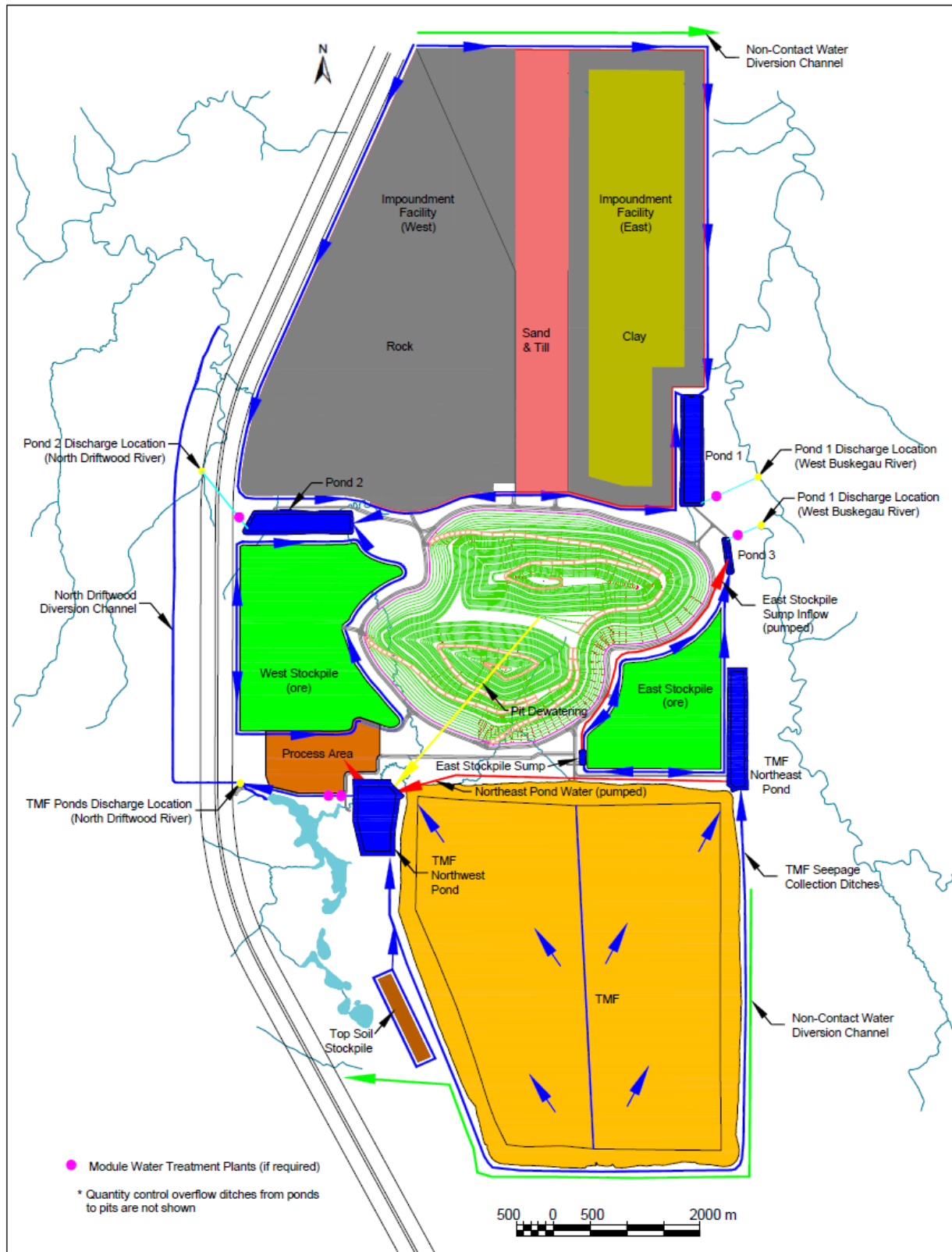


Figure 1-2: Project site layout (Ausenco, 2024)

1.3 Modelling Approach

The mine-site WQM is built in the GoldSim V14.3 software platform and coupled with the water balance model (WBM) provided by Ausenco as described in the Site Wide Water Balance Summary Report (Ausenco 2024). The primary modelling objective of the current work is the prediction of solute transfers within the mine site, and to the receiving environment during operations and closure. Water volumes and loadings are tracked on a monthly time-step throughout the model, with all ponds, sumps and open pits (and pit lakes) represented by ‘pool’ elements in GoldSim. All mixing is assumed to occur instantaneously, and all mass is conserved within the model (*i.e.*, no attenuation is applied to the parameters tracked within the model, except for nitrogen, as described in Section 3.5).

1.4 Report Structure

Following this introduction, the report is structured as follows:

- Section 2 describes water balance inputs used in development of the water quality model;
- Section 3 describes water quality inputs;
- Section 4 presents the WQM results.

2. Water Balance Inputs



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2. Water Balance Inputs

The water balance is provided by Ausenco (2024), and key inputs impacting WQM results are summarized in this section.

2.1 Collection Ponds

This section presents the monthly flows from mine infrastructure to each collection pond during operations. The mine site area occupies a north-south catchment divide between the North Driftwood River and the West Buskegau River. The ponds situated on the west of the project drain to the North Driftwood River (Temporary Pond, Pond 2 and TMF NW Pond), while the ponds on the east of the project discharge to the West Buskegau River (Pond 1, Pond 3 and TMF NE Pond).

Temporary Pond

Temporary Pond receives runoff from the Process Area and direct precipitation to the pond surface during the first three years of operations (Figure 2-1). After the Temporary Pond is removed in Year 4, Process Area runoff is directed to Pond 2.

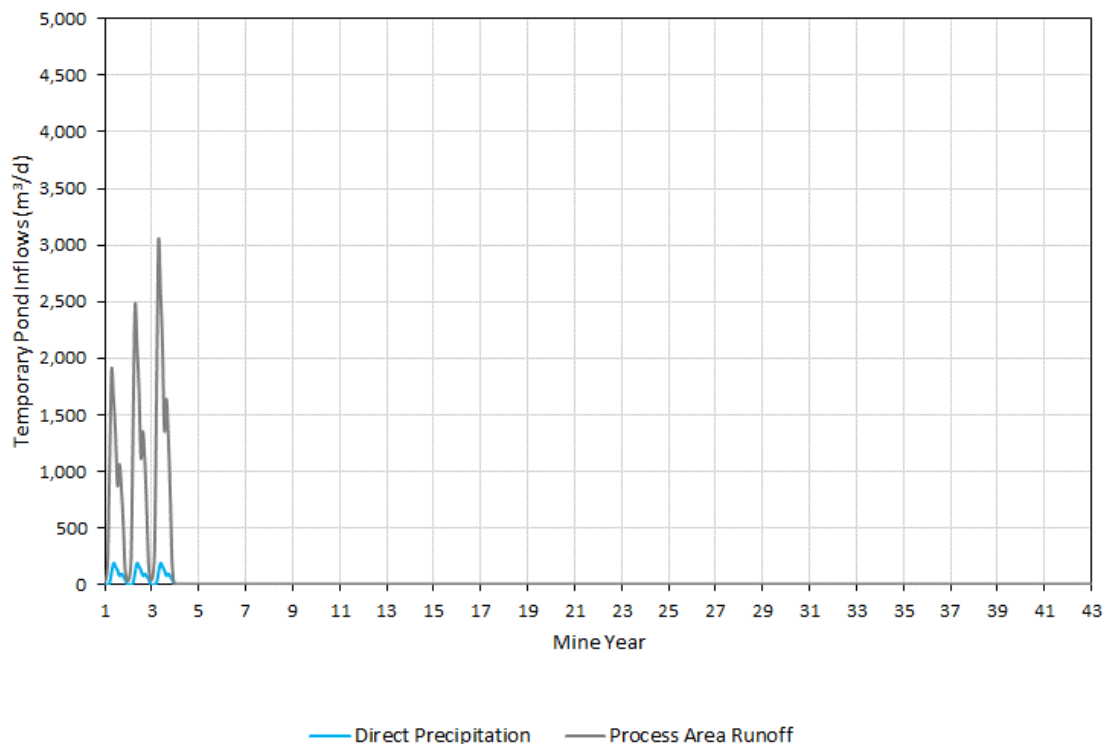


Figure 2-1: Inflows to Temporary Pond

Pond 1

Pond 1 primarily functions to receive contact water from the Impoundment Facility (East) (Figure 2-1). In addition, Pond 1 receives surrounding natural catchment runoff and direct precipitation to the pond surface (Figure 2-1). In Year 30, the pond is removed and it stops receiving following the reclamation of the Impoundment Facility (East).

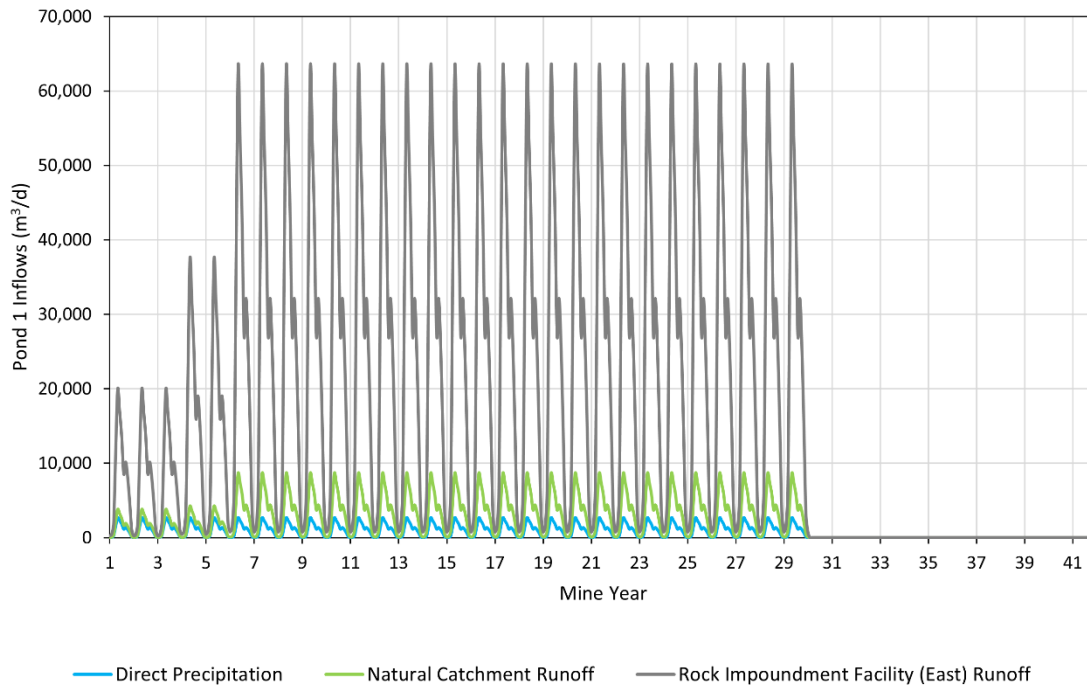


Figure 2-2: Inflows to Pond 1

Pond 2

The primary source of contact water for Pond 2 is runoff from the Impoundment Facility (West), followed by the runoff from the West Stockpile, and then water from the Process Area (Figure 2-2). The pond also collects surrounding natural catchment runoff and direct precipitation onto the pond surface (Figure 2-2).

After the Impoundment Facility is reclaimed in Year 30, the main sources of contact water inflow for Pond 2 will be the West Stockpile and the Process Area (Figure 2-2). The West Stockpile is removed from Year 39 to Year 42 to the mill, resulting in a decreasing drainage from this facility over this time period. The Pond will continue to receive direct precipitation, natural catchment runoff, runoff from the West Stockpile and Impoundment Facility until the pond is removed and it ceases collecting water (Figure 2-2).

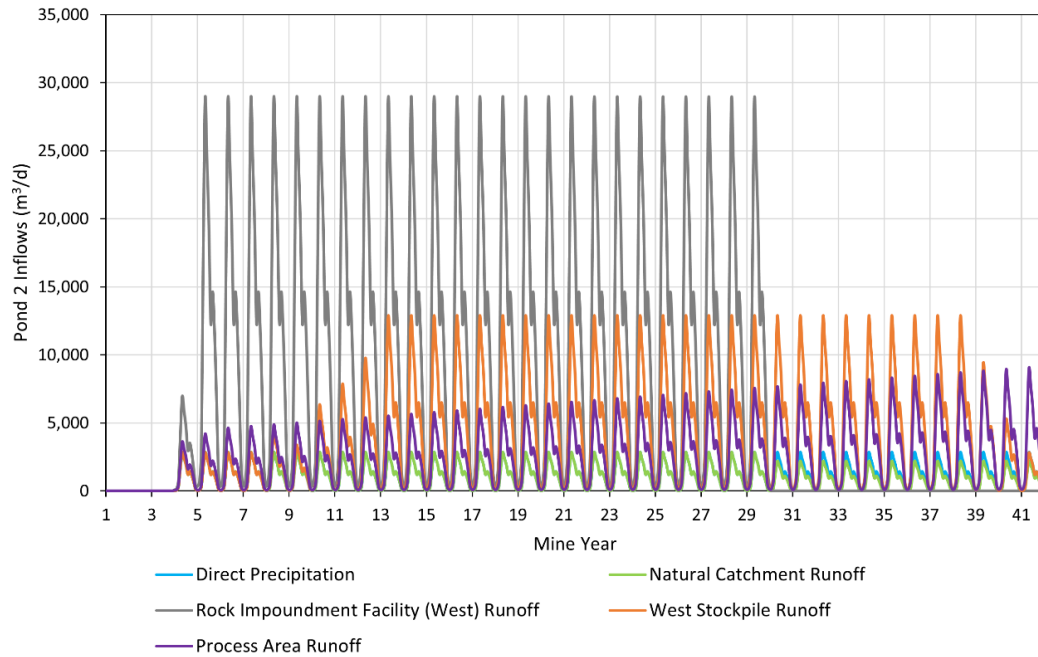


Figure 2-3: Inflows to Pond 2

Pond 3

Pond 3 receives direct precipitation, natural catchment runoff and runoff from the East Stockpile (Figure 2-3). The pond is removed in Year 42, following the reclamation of the East Stockpile (Figure 2-3).

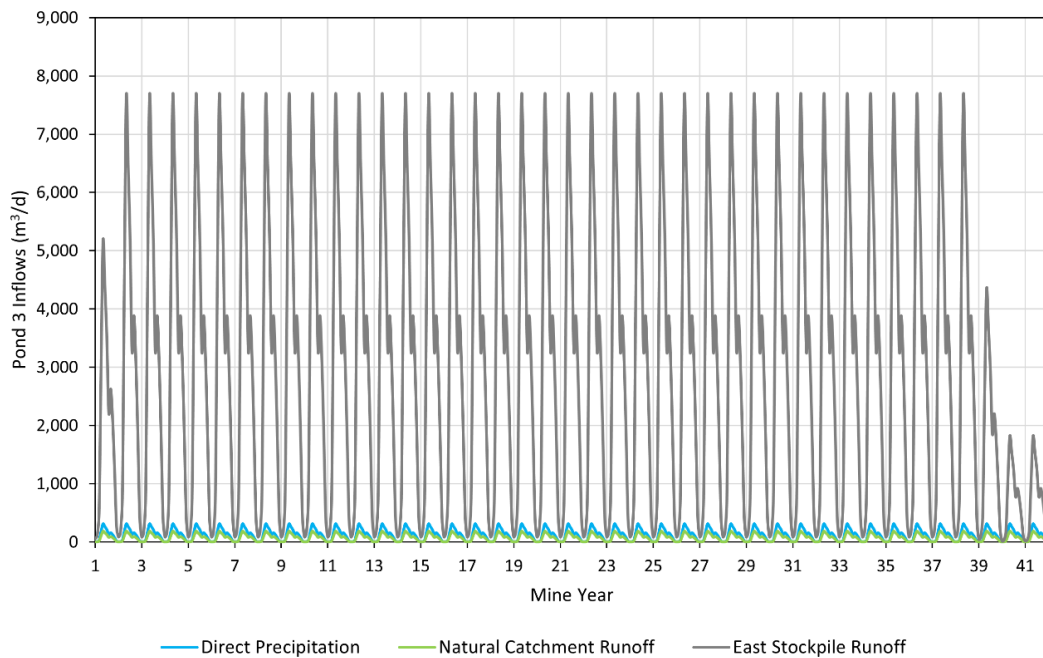


Figure 2-4: Pond 3 Inflows

TMF Northwest (NW) Pond

TMF NW Pond receives half of the water from the TMF, including TMF surface and dam runoff, as well as dewatered flow from pit operations (Figure 2-4). TMF NW Pond also collects natural catchment runoff and direct precipitation to the pond surface. When the TMF reclamation starts in Year 18, the pond stops collecting water from the TMF. Starting in Year 18 mill tailings are discharged to the Main Zone Pit and the TMF is reclaimed. The East Zone Pit continues to be dewatered to the TMF NW Pond from Year 18 to Year 28. In Year 29 process water stored in the Main Zone Pit begins to spill into the East Zone Pit, and no further dewatering of the Pit to TMF NW Pond takes place. TMF NW Pond is removed in Year 28 (Figure 2-4).

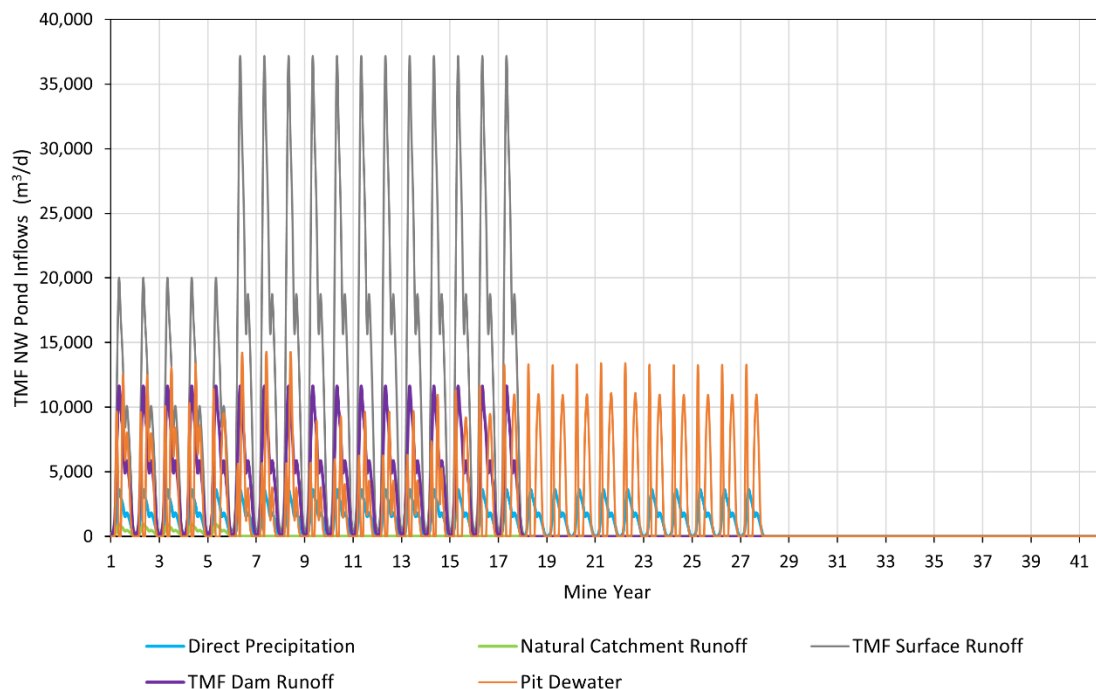


Figure 2-5: TMF NW Pond Inflows

TMF Northeast (NE) Pond

TMF NE Pond receives half of the water from the TMF, including TMF surface and dam runoff, as well as dewatered flow from pit operations (Figure 2-5). Other inflows to the pond include direct precipitation and natural catchment runoff (Figure 2-5). Pit Dewatering to the TMF NE Pond ends in Year 15, after which the pond only receives runoff from the TMF. Following reclamation of the TMF in Year 18, the pond is naturalized and removed from the water balance (Figure 2-5).

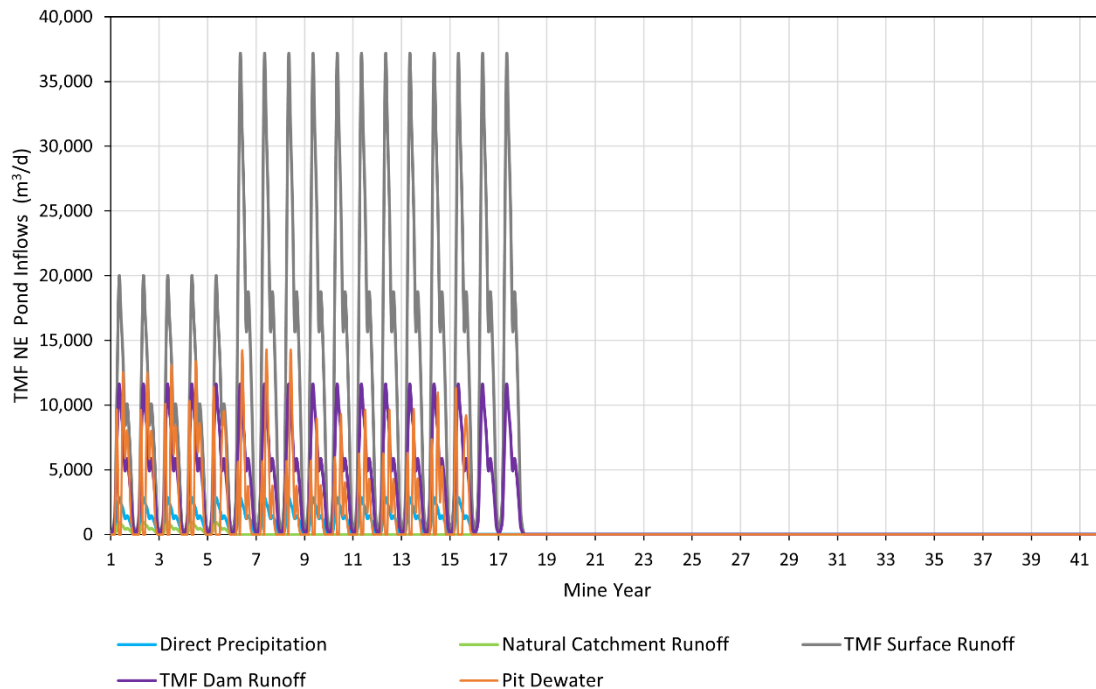


Figure 2-6: TMF NE Pond Inflows

2.2 Mine Pit

2.2.1 Operations

The open pit is distinguished by two connected lobes, defined as the East Zone and Main Zone. Both mine pits are mined and dewatered until Year 18 of mine life. Excavation of the Main Zone ends in Year 17, at which point tailings slurry begins to be discharged into this lobe. Starting Year 18, The Main Zone Pit is dewatered to the mill as reclaim water, while the East Zone Pit continues to be dewatered to the TMF NW Pond. Dewatering of the East Zone Pit continues until Year 29, at which point the Main Zone Pit water level will reach the saddle elevation dividing the two pits (120 masl) and tailings deposition will switch to the East Zone Pit. After Year 29, all pit inflows will enter the process water pond within the pit, which is only used for mill makeup water.

Inflows into the pit include pit wall runoff, groundwater and surface runoff from upgradient natural catchments (Figure 2-6). During the first four years of operations, the primary inflow to the pit comes from runoff from the surrounding natural catchments with pit wall runoff being secondary. Starting from Year 5, pit wall runoff becomes the main source of inflow, followed by natural runoff, while groundwater remains a minor contributing flow term until Year 15. From Year 15 onwards, pit wall runoff continues to be the dominant inflow, accounting for an average of 60% of the total, while groundwater becomes the second largest contributor, making up 25% of the total inflow (Figure 2-6).

Groundwater contributions to the mine pit originate from background ground water as well as mine facility seepage. The groundwater seepage rates and proportions from each mine facility are provided by Golder (2024b) and shown in Table 2-1.

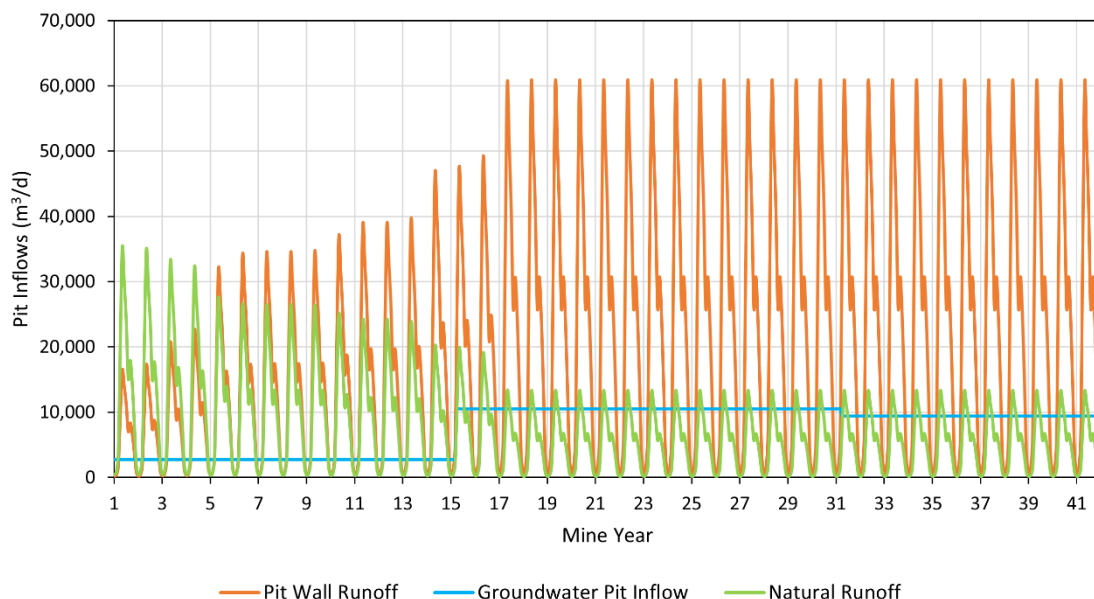


Figure 2-7: Pit Inflows excluding tailings slurry and process water.

**Table 2-1:
Sources of groundwater to mine pit.**

Mine Year	Mine Facility Seepage				Background Ground Water	
	TMF	Impoundment Facility	East and West Stockpiles	In-Pit Tailings	Bedrock	Overburden
Year -1	0%	0%	0%	0%	74%	26%
Year 15	42%	8%	3%	0%	46%	1%
Year 30	9%	11%	3%	0%	75%	2%
Post-Closure	5%	18%	0%	20%	0%	57%

2.2.2 Closure

At the end of operations in Year 42, the pit contains approximately 250 Mm³ of process water (Figure 2-7). The pit continues to fill with pit wall runoff, ground water inflow, runoff from the reclaimed East Stockpile - South and direct precipitation above pit surface (Figure 2-7). The pit reaches the spillway elevation by Year 167, after which it begins discharging to the North Driftwood and West Buskegau rivers.

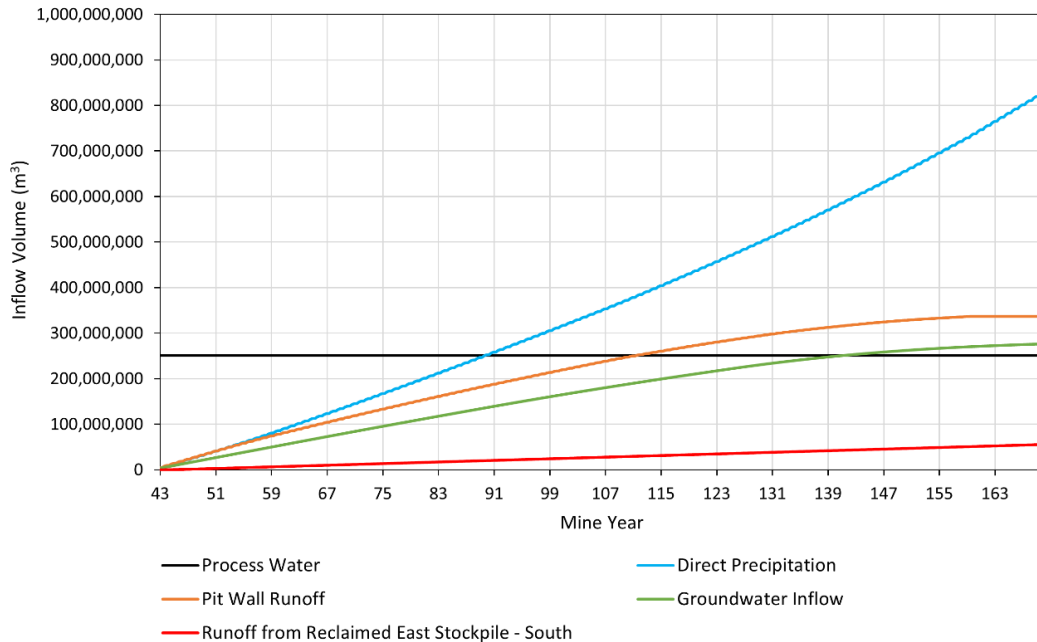


Figure 2-8: Closure pit cumulative inflow volumes.

2.3 Reclaimed Mine Areas

When mine infrastructure is no longer required for mining activities, it will be gradually reclaimed and naturalized, including naturalizing ponds and revegetating impoundment facilities. Progressive reclamation activities will include:

- The TMF will be covered by a 15cm regetation cover
- The Impoundment Facility will be covered with a 45 cm of clay cover and a 15cm revegetation cover
- East and West Stockpiles will be re-handled to the mill, with the stockpile being completed removed.
- Process Plant and mine facilities will be removed and the area will be reclaimed .

Surface runoff from reclaimed mine infrastructure will gravity drain to the receiving environment, specifically the North Driftwood River to the west and the West Buskegau River to the east.

2.3.1 North Driftwood River

North Driftwood River, situated on the west side of the Project, will receive surface runoff from reclaimed TMF surface, reclaimed Impoundment (West) and reclaimed West Stockpile (Figure 2-8). In addition, TMF dam runoff will report to North Driftwood River (Figure 2-8).

The gradual reclamation process for each facility is reflected by the progressive increase in surface runoff from the start of reclamation until completion. This occurs from years 18 to 22 for the TMF surface, years 30 to 34 for the Impoundment (West) and years 42 to 46 for the West Stockpile. After the reclamation is completed, each facility continues to drain into to the North Driftwood River, with peak flows in late spring following snowmelt and minimal flows during the winter months.

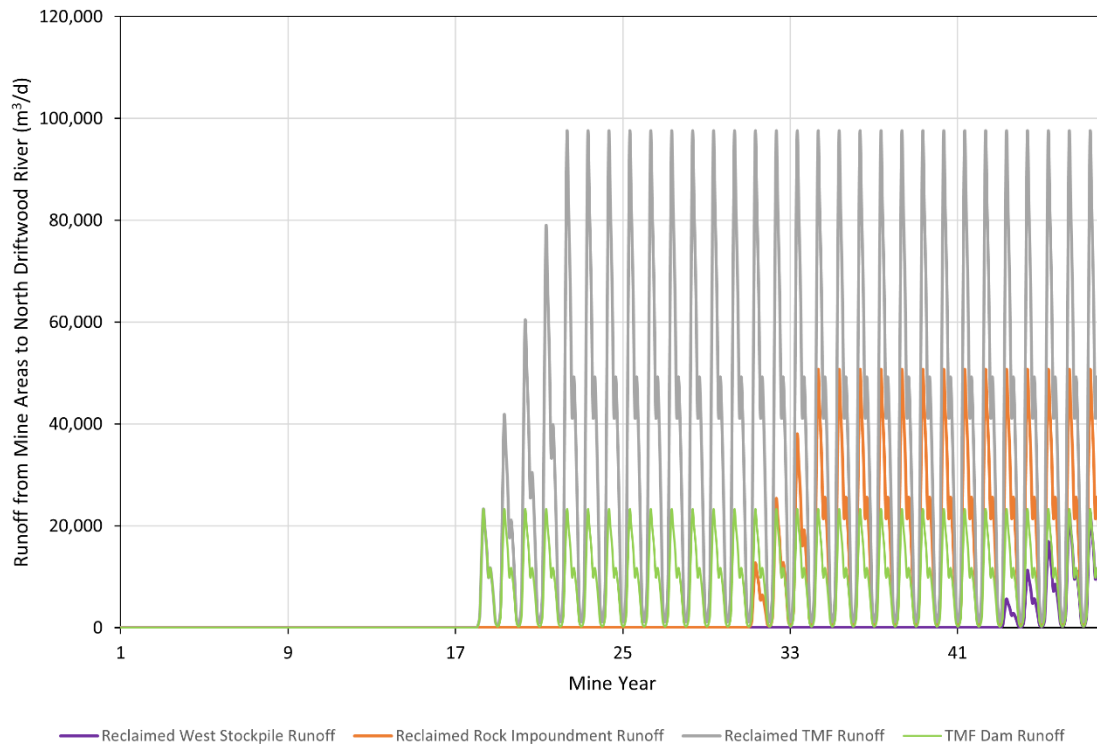


Figure 2-9: Surface runoff from the reclaimed mine areas and TMF dam to North Driftwood River

2.3.2 West Buskegau River

West Buskegau River, situated on the east side of the Project, will receive surface runoff from the reclaimed Impoundment (East) and reclaimed East Stockpile - North.

Following the progressive reclamation, surface runoff from the reclaimed Impoundment (East) to West Buskegau gradually increases from years 32 to 34, and from the reclaimed East Stockpile from years 42 to 46 (Figure 2-9). Both facilities continue to report to West Buskegau River after they are fully reclaimed.

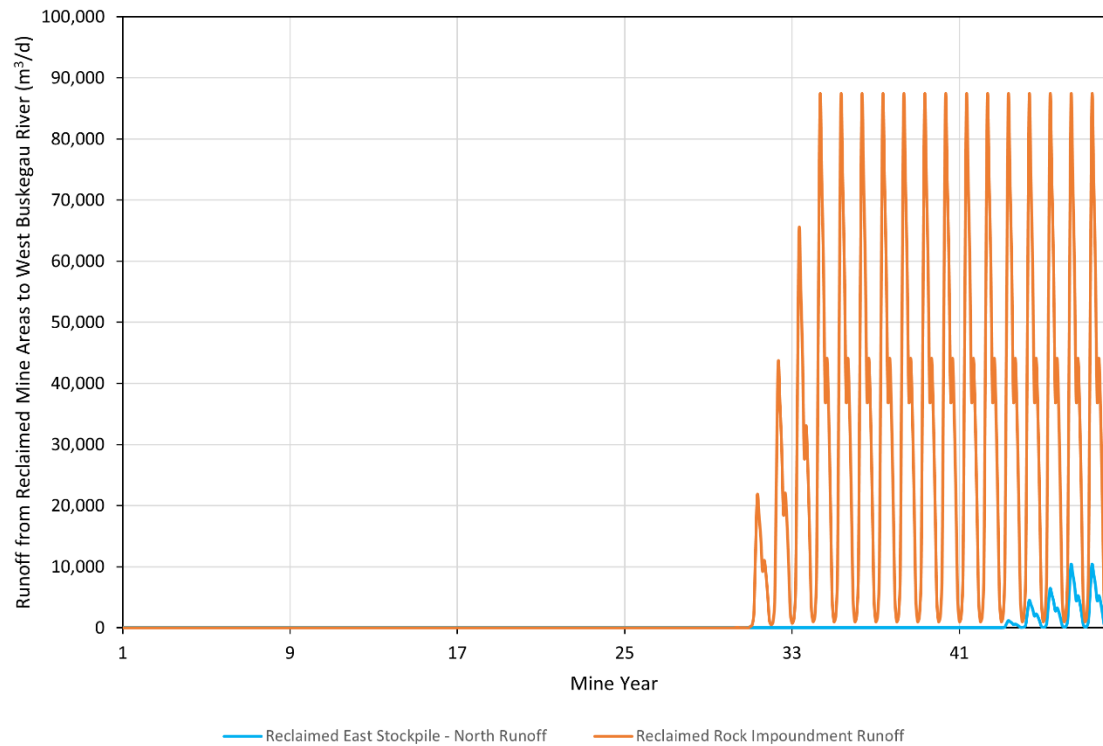


Figure 2-10: Surface runoff from the reclaimed mine areas to West Buskegau River

3. Water Quality Inputs



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3. Water Quality Inputs

Water quality inputs to the WQM are developed in this section. An overview of the type, approach and data sources for WQM inputs are shown in Table 3-1. Source terms for mine facilities are developed on an annual basis. Complete water quality inputs for the WQM are provided in Appendix A.

**Table 3-1:
Overview of Water Quality Inputs, Approach and Data Sources**

Source Term	Approach	Data Source
Impoundment	Mass-based upscaling	Humidity Cells
Pit Walls	Mass-based upscaling	Humidity Cells
Ore Stockpile	Mass-based upscaling	Humidity Cells
Process Area	Mass-based upscaling	Humidity Cells
TMF Beach	Mass-based upscaling	Humidity Cells
Process Water	Mill Water Balance	Metallurgical Supernatant
Background groundwater	Direct application	Baseline monitoring data
Background surface water	Direct application	Baseline monitoring data
Nitrogen Species	Nitrogen loss estimate	Planned Blasting Practices and Analogue Mine Data

3.1 Non-Contact Water and Reclaimed Areas

Water quality inputs for baseline surface water and groundwater are calculated from historic monitoring data. Surface water chemistry is assigned the median concentration of the Jocko Creek Watershed, North Driftwood River Watershed, and the West Buskegau River (Table B9.1 of Stantec, 2024a).

Non-contact groundwater is distinguished between ‘bedrock’ and ‘overburden’ sources. The chemistry is calculated as the median observed concentrations of wells screened in groundwater and overburden (Table 3-2). Samples TSF-BH-30 and WOS-BH-01 samples collected Sept. 8, 2022 are excluded from the calculation due to QAQC concerns (*pers. comm.* A. Domaratzki).

Non-contact surface water quality is applied to natural catchment flows reporting to collection ponds, reclaimed impoundment runoff, reclaimed stockpile runoff. Non-contact groundwater is incorporated into the mine pit groundwater seepage term, along with other contact water flows as described in Section 3.7.

**Table 3-2:
Baseline Water Quality Monitoring Summary**

Baseline Water Type	Monitoring Station ID	Baseline Monitoring Period
Overburden Groundwater	WOS-BH-01; TSF-BH-34; TSF-BH-30; TSF-BH-26a; TSF-BH-26b; TSF-BH-22; TSF-BH-16; TSF-BH-15a; TSF-BH-15b; TSF-BH-11; SOS-BH-02; TSF-BH-01a; TSF-BH-06; OP-BH-06; OP-BH-08; PF-BH-02; OP-BH-01; NWR-BH-01; HG-BH-03; HG-BH-01; CRB SD(2); CRB SC(3); CRB-SC (2); CRB SB(2)	Aug., 2022 to Nov., 2023
Bedrock Groundwater	CRB-SD(1); CRB-SC(4); CRB-SC(1); CRB-SB(1); CR22-GT22;	Mar., 2022 to Nov., 2023

3.2 Mass-Based Upscaling Approach

Source term predictions for the waste impoundment, ore stockpile, pit wall, mill plant site area and TMF are generated by a mass-based upscaling approach using laboratory kinetic tests. The methodology described in this section only pertains to the facilities that underwent the mass-scaling approach as indicated in Table 3-1.

3.2.1 Mass and geologic composition

Information on facility design is provided in the IA Mine Plan dated 30 Dec., 2023. No segregation of material with elevated metal leaching (ML) potential is incorporated into source terms, and mine waste is assumed to be evenly distributed across mine facility footprints.

The impoundment will be composed of waste rock and overburden. Both material types were thoroughly characterized as part of the geochemical baseline studies for the Project (WSP, 2024). Characterization of overburden showed the material to be typically lacking in sulphide mineralization (< 0.04 wt.%) and metal enrichment. The only potential parameter of concern that was identified as enriched in overburden was Se (WSP, 2024). However, this result was driven by the method detection limit (MDL) for Se of 0.7 ppm being above the screening criteria used to identify metal enrichment (0.5 ppm). For these reasons, oxidation of waste rock is expected to drive drainage chemistry from the impoundment facility, and the composition of the impoundment assumed to be entirely composed of waste rock for the purpose of source term calculation.

The lithologic composition of material used to construct the Process Area has not been specifically defined in the excavation schedule. Therefore, it is assumed that Process Area is constructed with a 2.0 m pad of waste rock with the average lithologic composition of open pit waste rock. The embankment will be constructed using waste rock and overburden, similar to the impoundment. Given the similar basis for impoundment and embankment source term calculations, the source term developed for the impoundment is

also assigned to the embankment. The schedule for waste rock and ore production used in source term derivation is summarized in Appendix B.

3.2.2 Humidity Cell Selection

Geochemical loading rates for ore, tailings and waste rock are calculated from humidity cell tests. The humidity cell testing program completed for the Crawford Project includes samples of ore (n=3) waste rock (n=12) and tailings (n=4) (WSP, 2024). At the time of source term development 13 to 91 cycles (*i.e.*, weeks) of data are available from this testing program (Table 3-3). Humidity cell tests are grouped by material type and lithology to calculate representative (median) loading rates for different mine rock types and tailings in (Table 3-4). Humidity cell leachate concentrations reported below the method detection limit (DL) are assumed to be 0.5xDL when calculated loading rates. These primary loading rates are then scaled to generate geochemical source terms as described in Section 3.2.3 and Section 3.2.4.

The humidity cell testing program includes drill core samples of all major waste rock and ore lithologies. There are minor amounts of dunite waste rock (4% of waste rock) and peridotite ore (22% of ore) that are not represented. Given that the geochemical character of ore and waste rock samples are generally similar within individual lithologies, the waste rock and ore kinetic test loading rates are used interchangeably when developing source terms.

**Table 3-3:
Humidity Cell Testing Program**

Lithology	HCT ID	Material	Date Initiated	Cycles Available
Dunite	CR21-146 510-520	Ore	1-Sep-23	13
	CR22-193A 200-210	Ore	1-Sep-23	13
	P1-Dun-MZ-7	Ore	2-Nov-21	91
	CANA-13	Tailings	5-Apr-22	87
	CBS-003	Tailings	5-Apr-22	87
	CDS-003	Tailings	22-Jun-22	76
Gabbro	CR21-GT-04B 350-360	Waste Rock	1-Sep-23	13
	CR20-41 365-375	Waste Rock	1-Sep-23	13
	P1-Gab-EZ-1	Waste Rock	2-Nov-21	91
Basalt	CR21-GT-07 510-520	Waste Rock	1-Sep-23	13
	CR22-GT-11 300-310	Waste Rock	1-Sep-23	13
	CR21-GT-03 300-310	Waste Rock	1-Sep-23	13
	CR21-GT-09B 490-500	Waste Rock	1-Sep-23	13
Peridotite	CR20-34 555-565	Waste Rock	1-Sep-23	13
	CR20-78 100-110	Waste Rock	1-Sep-23	13
	P1-Per-EZ-2	Waste Rock	2-Nov-21	91
	CBS-001	Tailings	22-Jun-22	77
Pyroxenite	P1-Pyr-MZ-1	Waste Rock	2-Nov-21	91
Metavolcanic	P1-MetV-MZ-4	Waste Rock	2-Nov-21	91

Table 3-4:
Humidity cell loading rates applied to source term calculations.

Parameter	Dunite Ore	Pyroxenite Waste Rock	Peridotite Waste Rock	Basalt/Metavolcanic Waste Rock	Gabbro Waste Rock	Dunite Tailings	Peridotite Tailings
	mg/kg/month	mg/kg/month	mg/kg/month	mg/kg/month	mg/kg/month	mg/kg/month	mg/kg/month
Sulphate	1.0	1.0	1.0	1.0	0.93	18.0	5.0
Silver	0.00002456	0.000025	0.0000244	0.00002476	0.00002354	0.000025	0.000025
Aluminum	0.001306	0.005	0.004	0.09177	0.02785	0.002	0.002
Arsenic	0.0001001	0.0026	0.0000994	0.005868	0.0002865	0.0001	0.0001
Boron	0.000003439	0.0045	0.000003416	0.000003467	0.000003295	0.016	0.0365
Barium	0.1812	0.000265	0.005562	0.002354	0.007365	0.000515	0.001625
Beryllium	0.001449	0.0000035	0.0005255	0.0008322	0.0001421	0.0000035	0.0000035
Calcium	0.5223	3.005	0.6579	3.453	0.7927	0.255	1.34
Cadmium	0.0000015	0.0000015	0.000001478	0.000001495	0.000001452	0.0000015	0.0000015
Cobalt	0.000026	0.000018	0.00002257	0.0000325	0.000015	0.000068	0.000025
Chromium	0.0005615	0.00081	0.00025	0.00003996	0.0001694	0.00091	0.00148
Chromium VI	0.0005867	0.0003	0.0001	0.00009905	0.0001	0.0008	0.0013
Copper	0.0002973	0.0004	0.0002147	0.0002817	0.0002	0.0001	0.0001
Iron	0.003439	0.0085	0.003416	0.003469	0.0035	0.0035	0.0035
Mercury	0.000005	0.000005	0.00000488	0.000004953	0.000004708	0.000005	0.000005
Potassium	0.04218	0.0325	0.1224	0.853	0.3959	0.0375	0.3565
Lithium	0.00005	0.00005	0.00004925	0.0001899	0.0001	0.00005	0.00005
Magnesium	27.8	0.752	2.666	0.4553	0.4683	27.15	8.315
Manganese	0.00026	0.00155	0.00038	0.005047	0.0004997	0.00027	0.00062
Molybdenum	0.0001912	0.00012	0.00016	0.0006125	0.0002482	0.00042	0.00062
Sodium	0.03963	0.09	0.05571	0.8325	0.5885	0.165	0.175
Nickel	0.0006961	0.00015	0.0005357	0.00009395	0.00009615	0.0009	0.00065
Lead	0.00004421	0.000045	0.00004419	0.00004457	0.00004237	0.000045	0.000045
Antimony	0.0004421	0.00045	0.0004392	0.0004491	0.0004237	0.00045	0.00045
Selenium	0.00005412	0.000035	0.00002	0.00005003	0.00001883	0.00028	0.00005
Strontium	0.00455	0.00336	0.002052	0.01242	0.002483	0.00066	0.00234
Thallium	0.000002484	0.0000025	0.00000244	0.000002476	0.000002354	0.0000025	0.0000025
Uranium	0.0003345	0.000009	0.0005045	0.0003365	0.00007465	0.0001925	0.000098
Vanadium	0.00002	0.000455	0.00005279	0.0009202	0.0004068	0.00002	0.00002
Zinc	0.0009825	0.001	0.000976	0.0009905	0.0009415	0.001	0.001

3.2.3 Scaling Factors

Humidity cell loading rates are scaled to field conditions by applying physical scaling factors. Scaling factors are used to adjust the geochemical loads derived during humidity cell upscaling (Table 3-4). Without this scaling correction, the source term model would assume that all rock and tailings surfaces contained in a facility are contacted by water under conditions similar to those seen in humidity cell experiments. In theory, the upscaled maximum leachable load ML (in mg) would then be written as:

$$ML_i = r_i * m * t \quad (Eq. 1)$$

where r_i is the geochemical loading rate for species i ; m is the mass (in kg) of the material contained in a facility of interest; and t (in wk) is the time interval of interest.

Empirical and theoretical studies (*e.g.*, Malmström *et al.*, 2000; Kempton, 2012; Andrina *et al.*, 2012; Sapsford *et al.*, 2009; Kirchner & Mattson, 2015; Bornhorst & Logsdon, 2016) have demonstrated that, in most cases, this approach will greatly overestimate the geochemical load leaching from mine facilities due to the marked differences between laboratory and field conditions. To account for these differences, “scaling factors” are applied in the development of geochemical source terms using a humidity cell mass-scaling approach. These scaling factors are implemented into the model simply by multiplication with the maximum leachable load:

$$SL_i = ML_i * SF_a * SF_b * ... * SF_x \quad (Eq. 2)$$

where SL_i is the scaled load for species i (in mg) and SF is the scaling factor for a given property to be scaled (a , b , x). It is thought that the most important discrepancies between laboratory and field conditions that govern full-scale leaching rates include particle size, water/rock ratio (contact water), and temperature (*e.g.*, Kempton, 2012). The rationale for each of these variables is as follows:

- *Particle size*: Before representative material is placed into humidity cells, rock samples are crushed to a nominal grain size of <1/4” to allow for better comparability of reaction rates between different cells containing different geological materials. The particle size distribution of the mine rock stockpiles influences the degree of water-rock interaction by controlling the exposed surface area where surface area increases exponentially as the particle size decreases. Therefore, the relatively largest surface area per mass is associated with the finest particles which accordingly are expected to govern contact water chemistry (*e.g.*, Strömberg and Banwart, 1999; Neuner *et al.*, 2009).
- *Temperature*: It is well known that the rate of geochemical reactions leading to the release of acidity and dissolved metals is temperature-dependent (*e.g.*, Nicholson

- et al.*, 1988; MEND, 2006). Dockrey and Mattson (2016) compared sulphate release rates produced by kinetic tests under room (22°C) and fridge (4°C) temperatures and found a 31% reduction in oxidation rate over this temperature change. Therefore, humidity cell metal loading rates need to be adjusted to reflect the reduced reactivity expected in cold climates.
- *Water/Rock Ratio*: Humidity cell testing is conducted using high water-rock ratios (0.5:1) that allow for the flushing of virtually all material surfaces placed into the reactor cell. The hydrogeology of unsaturated waste dumps has been subject to research for decades and most studies suggest that only a portion of the rock mass contained in these facilities is effectively flushed by infiltrating water promoting the development of preferential flow. Under low-flow conditions, water is retained and will travel along the fine fractions within the waste dumps (matrix flow), whereas heavy rainfalls may flush relatively higher proportions of the coarser grain sizes (Marcoline *et al.*, 2006; Andrina *et al.*, 2009; Neuner *et al.*, 2009). Further, low water/rock ratios within a mine rock or tailings facility are more likely to result in the development of geochemical equilibrium conditions. Therefore, after a certain mass of rock material has been flushed, further physical contact may not necessarily lead to an increase in concentrations as kinetic or thermodynamic limitations are reached.

To provide further geochemical resolution, the water/rock ratio scaling factor is further subdivided into major solutes (*e.g.*, Ca, Mg, SO₄) and minor/trace elements (*e.g.*, Co, Ni, As) to account for empirical evidence in mine-site drainage suggesting that major species behave more conservatively (*i.e.*, are relatively more mobile) than trace elements in these aqueous environments (*e.g.*, Kirchner & Mattson, 2015, Malmström *et al.*, 2000). For this model, the scaling factor for major species is set to 5x that utilized for trace elements for all source terms. Scaling factors employed for the Crawford source term model are summarized in Table 3-5.

The higher temperature scaling factor shown for pit walls and the TMF runoff stems from the limited contribution of these facilities to the water quality model in the winter, leading to an increase of the average temperature in months where geochemical source loads are expected (*i.e.*, March to November). The scaling factors shown in Table 3-5 are applied to all years of mine life, with the exception of the tailings beach reactive depth. Placement of the vegetative cover over the TMF will reduce the rate of oxygen ingress into the underlying tailings. Therefore, the reactive thickness is reduced from 0.1 to 0.01 after placement of the reclamation cover.

**Table 3-5:
Scaling Factors Employed in the Development of the
Crawford Source Term Predictions**

Scaling Factors	Unit	Unsaturated Waste rock and Ore	Tailings Runoff	Pit Wall	
				Blast Damaged Zone	Blast Fractured Zone
Temperature Correction	-	0.33	0.66	0.66	0.66
% of Year Frozen	-	n/a	0.33	0.33	0.33
Contact Water Factor	-	0.5	n/a	0.75	0.5
Grain Size Correction Factor	-	0.1	n/a	0.2	0.05
Specific Density	t/m ³	n/a	1.5	2.78	2.78
Reactive Depth	m	n/a	0.1	0.5	1.0
Pit Wall Slope (45°)	m ² /m ²	n/a	n/a	1.41	1.41

3.2.4 Solubility Limits

Upscaling kinetic test results can often result in concentrations that exceed thermodynamic solubility constraints and produce solutions with a disequilibrium of charge balance. To address these considerations, the scaled loading rates are converted into concentrations using the runoff coefficients defined in Ausenco (2024), and solubility constraints are applied.

Thermodynamic solubility limits are developed using the United States Geological Survey numerical modelling program PHREEQC coupled to the minteq.v4 database (Parkhurst and Appello, 1999). The speciation model assumed a median pH of 8.3 (based on humidity cell tests) and pCO₂ specified at 10^{-2.5} reflective of concentrations typical of headwater streams (Marx *et al.*, 2017). Specific mineral solubility limits which are applied within PHREEQC are hydroxyapatite [Ca₅(PO₄)₃(OH)], gibbsite [Al(OH)₃], Cr(OH)₃, tenorite (CuO), barite (BaSO₄) and ferric hydroxide [Fe(OH)₃].

Phosphorous was not measured in humidity cell tests. This parameter is set to the lesser of hydroxyapatite [Ca₅(PO₄)₃(OH)] solubility in upscaled solutions (Impoundment Facility) or the maximum P concentration measured in geochemical testwork (0.042 mg/L – CANA13 Met Tails Supernatant) (East Stockpile, West Stockpile, TMF runoff).

The concentration of Cr(VI) is adjusted in waste rock contact water based on maximum observed concentrations in humidity cell tests. Hexavalent Cr is not present in-situ within geologic materials, and must be generated by dissolution Cr(III) bearing minerals (*i.e.*, chromite) followed by oxidation by Mn(III/IV)-oxides. Rates of aqueous Cr(VI) production are primarily controlled by the solubility and dissolution rate of Cr(III) host minerals (*i.e.*, chromite), the solution pH, and the accessibility of mixed valence Mn(III/IV)

oxides that can coat ultramafic rock surfaces (Oze *et al.*, 2007). Sources of aqueous geogenic Cr(VI) are typically constrained to ultramafic and serpentized rock types due to these limitations. This understanding is consistent with humidity cell test results, which found that Cr(VI) generation is limited to ore and tailings samples, while waste rock humidity cell concentrations are almost uniformly below detection limits. Therefore, Cr(VI) concentrations are set to detection limit values in mine facilities composed of waste rock and overburden (*i.e.*, mafic rock types and sediments), while Cr(VI) is allowed to upscale conservatively (*i.e.*, no solubility constraint applied) on facilities constructed with ore or tailings (*i.e.*, ultramafic rock types) (TMF, East Stockpile, West Stockpile).

A number of trace metals were below detection limit values in humidity cell test results. These parameters included Ag, F, Be, Bi, Hg, Tl and Sb. In general, these parameters show little to no enrichment in mine rock (WSP, 2024), and/or are sparingly soluble in neutral-pH drainage from geologic sources. These parameters were estimated by assigning 50% of detection limit values to source terms.

Adjustments to major ions are made to correct errors in charge balance caused by upscaling kinetic tests. That is, all aqueous solutions must be electrically neutral such that the total sum of all positive cations must equal the sum of all negative anions. This charge balance is lost through the process of upscaling averaging kinetic test results. To correct the charge balance, concentrations of major cations (Ca, Mg and Na) are adjusted to achieve charge balance with major anions (Cl and SO₄), while maintaining the elemental ratios of these cations observed in kinetic test leachate. Resulting source term concentrations are presented in Appendix A and illustrated in Figure 3-1 below.

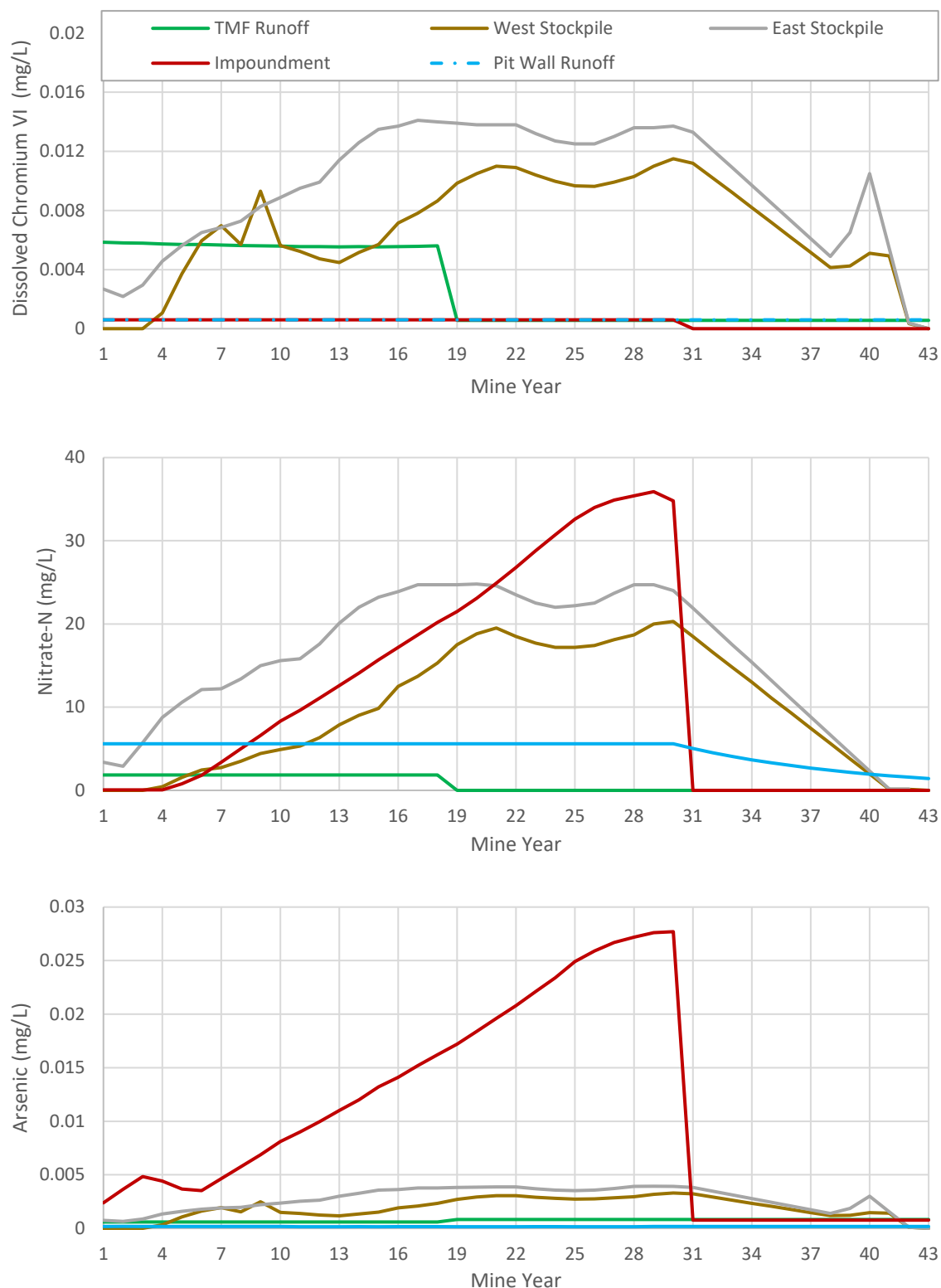


Figure 3-1: Source term results for dissolved chromium VI (top), nitrate (middle) and arsenic (bottom) in surface runoff from mine facilities.

3.3 Total Suspended Solids

Mining activities generate a suspended sediment load which will contribute to total metal concentrations in collection ponds and in this section, the contribution of suspended solids to total metal concentrations is defined.

The contribution of suspended solids to total metal concentrations is calculated based on the composition and concentration of total suspended solids (TSS). A majority of the sediment load material disturbed by mining operations is comprised of waste rock and ore excavated from the open pit. Excavated mine rock will contain silt and clay size particles generated through blasting which can be mobilized as TSS in runoff by precipitation or disturbance by machinery. Therefore, the mean elemental abundance of waste rock and ore samples as measured by aqua regia digestions are used to estimate the particle composition of TSS (Table 3-6).

During operations, TSS in mine effluent will be controlled by sediment control measures and in the collection ponds prior to discharge. Collection ponds, and potentially active TSS treatment systems, will be designed to meet the MDMER end of pipe criteria which range from 15 mg/L (maximum monthly mean concentration) to 30 mg/L (maximum authorized concentration of grab sample), but will more typically produce TSS at lower concentrations of < 10 mg/L. The difference in total and dissolved concentration generated by this range of assumed TSS values (10 mg/L, 15 mg/L and 30 mg/L) are shown in Table 3-6. These values are added to dissolved concentrations predicted for collection pond discharge to produce the total metal concentrations.

**Table 3-6:
Suspended Solids Composition and Contribution to Total Concentrations at
End-of-Pipe During Operations.**

Element	Particulate Composition	Particulate Fraction Concentration at Different TSS Concentrations		
		10 mg/L TSS	15 mg/L TSS	30 mg/L TSS
	<i>ppm</i>	<i>mg/L</i>		
Silver	0.5	0.000005	0.0000075	0.000015
Aluminum	45700	0.457	0.686	1.37
Arsenic	3.69	0.0000369	0.0000553	0.000111
Boron	18.6	0.000186	0.000279	0.000557
Barium	102	0.00102	0.00152	0.00305
Beryllium	0.233	0.00000233	0.00000349	0.00000698
Calcium	44100	0.441	0.662	1.32
Cadmium	0.0647	0.000000647	0.000000971	0.00000194
Cobalt	73	0.00073	0.00109	0.00219
Chromium III	869	0.00869	0.013	0.0261
Chromium VI	-	-	-	-
Copper	72.6	0.000726	0.00109	0.00218
Iron	57800	0.578	0.867	1.73
Mercury	0.05	0.0000005	0.00000075	0.0000015
Potassium	3480	0.0348	0.0522	0.104
Lithium	8.68	0.0000868	0.00013	0.00026
Magnesium	114000	1.14	1.71	3.41
Manganese	1010	0.0101	0.0152	0.0304
Molybdenum	0.51	0.0000051	0.00000766	0.0000153
Sodium	6840	0.0684	0.103	0.205
Nickel	851	0.00851	0.0128	0.0255
Lead	1.44	0.0000144	0.0000216	0.0000431
Antimony	0.82	0.0000082	0.0000123	0.0000246
Selenium	0.517	0.00000517	0.00000776	0.0000155
Strontium	87.9	0.000879	0.00132	0.00264
Thallium	0.978	0.00000978	0.0000147	0.0000293
Uranium	0.151	0.00000151	0.00000227	0.00000454
Vanadium	83.8	0.000838	0.00126	0.00251
Zinc	52	0.00052	0.00078	0.00156

3.4 Process Water

The Crawford mill will process dunite and peridotite ore to produce nickel and FeCr concentrates by a flotation and magnetic separation process. Tailings are thickened to a nominal 40% density and are then carbonated by In-Process Tailings Carbonation (IPT Carbonation), which fixes CO₂ in solid minerals within the tailings. The process water source term is calculated in the following steps:

- The average concentration of tailings supernatant produced in the most recent metallurgical testing program is calculated (IPT1 and IPT2 from SGS Lakefield 2024).
- Concentrations of major ions and oxyanion forming metals are scaled based on mill water balance and % reclaim water.
- Concentrations of trace metal cations, which are expected to be solubility limited in the highly alkaline (pH > 9.0) conditions of the mill, are directly applied (*i.e.*, no scaling).
- Chromium speciation is not available for IPT1 and IPT2 supernatant. It is assumed that all Cr measured in metallurgical supernatant is present as Cr(VI). The concentration of Cr(III) is predicted based on Cr(OH)₃ solubility calculated in PHREEQC.
- Process water chemistry is applied to TMF seepage and the supernatant pond present in the mine pit.

The most recent metallurgical testing was completed at SGS Lakefield in 2024. This testing program is reflective of the current mill process and includes IPT carbonation of tailings. The average of the two tailings decant supernatant samples (IPT-1 and IPT2) are used to develop the process water source term (Appendix C).

Process water chemistry will be modified by mine water management and re-circulation within the mill. Particularly, accumulation of soluble elements will occur when tailings decant water is reclaimed by the mill. The mill is typically operated using 73% decant water from the TMF (Ausenco 2024), this results in a process water being re-circulated 3.7 times on average before being displaced by freshwater makeup. To calculate the process water source term, the parameters which are expected to accumulate within the process are multiplied by a factor of 3.7. Parameters expected to accumulate include major ions (*e.g.*, SO₄, Cl, Br, K, Ca, Mg, Na) and oxy-anion forming metals (*e.g.*, As, Cr(VI), Mo, Se and U). Conversely, the solubility of metal cations (*e.g.*, Al, Ag, Cr(III), Cd, Cu, Fe, Pb, Zn) will be controlled by the highly alkaline pH conditions within the mill (>9.0 pH) and are expected to remain at concentrations similar to that observed in metallurgical

testwork and thus assigned average concentrations observed in supernatant from the testwork.

Chromium speciation was not included in the 2024 SGS-Lakefield metallurgical supernatant analysis. The high pH, oxidizing conditions, and ultramafic ore feed to the mill could support Cr(VI) stability. Therefore, the Cr measured in tailings supernatant is assumed to be present entirely as Cr(VI). The Cr(III) concentration is predicted based on Cr(OH)₃ solubility calculated in PHREEQC. As the final step in processing source terms, the charge balance is corrected by adjusting major cations, using the approach described in Section 3.2.4. The resulting process water source term is provided in Appendix A, and applied to TMF seepage and the in-pit process water pond.

3.5 Nitrogen Loading and Release

Explosives are typically the dominant source of nitrogen (N) compounds (*i.e.*, total ammonia, nitrate and nitrite) in contact waters at mines that use ammonium nitrate (AN) explosives (Pommen, 1983). The N compounds ammonium (NH₄) and nitrate (NO₃) are the primary constituents of AN explosives, while nitrite (NO₂) is typically formed during and after blasting. Under ideal blasting conditions the NH₄ and NO₃ are converted to nitrogen gas. In practice, ideal blasting conditions are rarely if ever achieved and small proportions of the N in explosives remain as residue on blasted materials that are readily leached into contact water.

Source terms for N compounds in Impoundment Facility and Stockpile drainage, and in process water are derived from operational data obtained from an analogue surface mine site. The analogue site is a surface copper mine that uses similar explosives and blasting methods, and a similar explosive usage rate (*i.e.*, powder factor) as planned for the Project. Although the analogue site is a smaller operation than mines and mills at approximately 20% and 40%, respectively, of the Project rate, the stockpile geometries and mean annual precipitation (MAP) are comparable and it is therefore anticipated that the release of N from the Impoundment Facility and Stockpiles will occur at a rate that is comparable to the analogue site. Variables that influence the loading of N compounds to ore and waste include the type and amounts of explosives used for blasting, whereas factors influencing the release of N from stockpiled material include the geometry and permeability of the waste and ore stockpiles, and the MAP. A comparison of these variables between the Project and the analogue mine are provided in Table 3-7.

Table 3-7:
Comparison of Variables Affecting Nitrogen (N) Loading and Release for the Project and Analogue Site

Mine Information	Units	Analogue Site (2016 Through 2021)	The Project (Planned)
Mine Type	-	Surface Mine (Copper)	Surface Mine (Nickel)
Explosives Type	-	Bulk Emulsion (DynoNobel)	Bulk Emulsion (DynoNobel)
Powder Factor (PF) (annual)	kg/t	0.26 to 0.33	0.23 to 0.28
Blast hole diameter	mm	127 to 311	127 to 271
Bench height	m	12	7.5 - 15
Bench dewatering	-	no, limited seepage	yes, planned
Mining tonnage (blasting, annual average)	Mt/a	33	170
Milling ore feed rate	t/hr	1150 (average)	2738 (nominal)
Impoundment footprint, maximum	ha	312	3186
Impoundment, ratio of tonnage to footprint (maximum values)	Mt/ha	0.5	1.0
Mean Annual Precipitation (MAP)	mm	600	842
Impoundment Infiltration Rate	-	50%	40%

The relative distribution of the N species, total ammonia (NH₃), NO₃ and NO₂ in blast residue contact water is influenced by numerous factors including: the distribution of N as NH₄ and NO₃ in the explosives; the production of NO₂ in blasting by-products, and by microbial oxidation; and ion-exchange processes that may be active along the contact water flow path. These processes are complex and are dependent on the depositional environment from which contact waters emanate. Therefore, the source term model uses the analogue mine proportional N distributions for process water and waste rock drainage to allocate N between NH₃, NO₃ and NO₂ (Table 3-8) based on the water source.

Table 3-8:
Nitrogen Species Distributions for Process Water, TMF Runoff, and Drainage from the Impoundment Facility and Stockpiles

Model Source Term	Proportional Distribution of N Species (% as N)		
	Total Ammonia (NH ₃)	Nitrate (NO ₃)	Nitrite (NO ₂)
Process Water and TMF Ruoff ¹	29.8%	67.4%	2.8%
Impoundment Facility and Stockpiles ²	0.7%	98.9%	0.4%

Notes: ¹ Process water N distribution median values from analogue process plant data (2017 - 2021).

² Impoundment Facility drainage N distribution median values from analogue waste rock drainage data (2016 - 2021).

3.5.1 Impoundment Facility and Stockpiles

The N source terms for the Impoundment Facility and Stockpiles are calculated using analogue N loading and release rates. The source terms used cumulative material placement to calculate annual loadings. The annual N loads are converted into NH_3 , NO_3 and NO_2 concentrations using infiltration volumes that are based on the maximum footprint for each facility and the N species distributions outlined in Table 3-8.

For unsaturated rock piles in the Impoundment Facility and Stockpiles, the amount of N loaded to blasted rock surfaces is a function of the quantity of explosives used and blasting methods. The N containing residues on blasted rock surfaces are rapidly flushed by contact water. However, in unsaturated waste rock piles, water storage associated with preferential and capillary flow paths can lead to variable and delayed flushing of N (Fala *et al.*, 2003; Fretz *et al.*, 2011; Baily *et al.*, 2013). Due to inefficient flushing of rock surfaces, the stored N that is released is limited to the wetted areas of the pile and by the type of flow through the pile. Therefore, N release from a stockpile is typically only a proportion of the total stored N within the pile, and N release can persist for years after rock placement (Lorax, 2017). Total N concentrations in waste rock (*i.e.*, Impoundment Facility and Stockpiles) drainage typically increase as a function of rock placement, with a delay of months or years following placement as dictated by the water balance.

The loading of N to blasted rock is derived from analogue process plant data. The N compounds in blast residues are water soluble, therefore it is assumed they are transferred to process water during milling of the ore. The analogue mine process plant influent and tailings supernatant water quality data, combined with the ore feed rate, are used to derive the N loading rate for ore. The same explosives use rate (*i.e.* powder factor) is applied for blasting ore and waste therefore it is assumed that the N loads derived for ore are representative of the N loads on waste rock. The N loading rate for ore and waste is calculated from median water quality values to be 4.2 g N/t.

The rate of N release from stockpiled waste and ore is derived from analogue waste rock drainage water quality and flows, and cumulative N loadings to the analogue Impoundment Facility. The cumulative loadings are calculated from the cumulative rock tonnage and the analogue N loading rate (*i.e.*, 4.2 g N/t). Average monthly drainage water quality is used to calculate the average annual N concentration in drainage and combined with annual drainage flows to derive the annual N load released to drainage. The N release rate is calculated by dividing the annual N load released with the cumulative N load for each year from 2016 through 2021. The results of these calculations are shown in Figure 3-2. The highest rates of N release are observed in 2020 and 2021 (2.9% and 2.7%, respectively), and are inferred to reflect the influence of delayed flushing of N from the analogue

Impoundment Facility. Based on these observations, an annual N release rate of 3% of the cumulative N loading to the Project Impoundment Facility and Stockpiles is used to derive the annual N loads released to drainage waters.

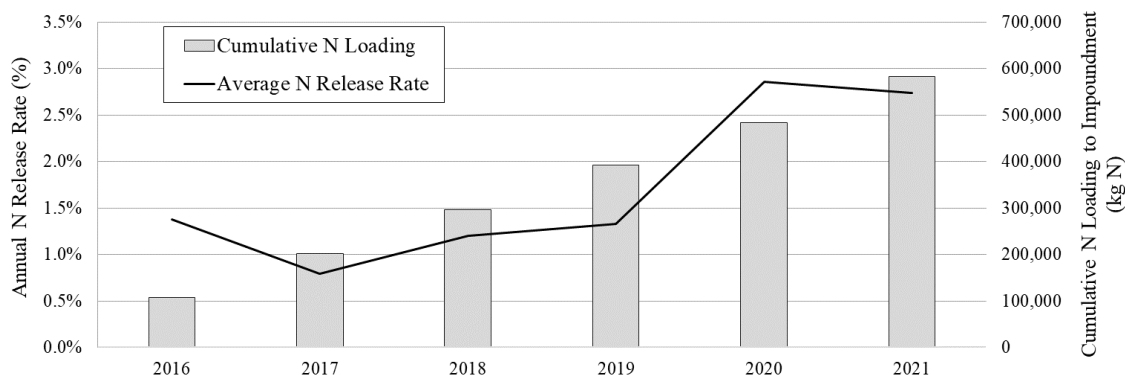


Figure 3-2: Cumulative Loading of Nitrogen (N) to the Analogue Impoundment Facility and Annual Rate of N Release to Drainage as a Function of Cumulative Loading

The calculated annual N loads for the Project Impoundment Facility and Stockpiles are distributed as NH_3 , NO_3 and NO_2 loads based on the distributions listed in Table 3-8. The loads are then converted to concentration values using annual flows derived from the Impoundment and Stockpile maximum footprints, MAP and infiltration rates (Table 3-7). The resulting annual concentrations of NO_3 from each of these facilities is plotted in Figure 3-1. The Impoundment Facility will be capped in Year 30 of mining; therefore, it is assumed there will be no drainage from this facility beginning in Year 31 of mining and the concentration of NH_3 , NO_3 and NO_2 of surface runoff from this facility are set to baseline surface water concentrations from Year 31 onwards. The annual source terms for NH_3 , NO_3 and NO_2 concentrations in drainage from the Impoundment Facility and Stockpiles are presented in Appendix A.

3.5.2 Process Water and TMF Runoff

The N source terms for process water and TMF runoff are calculated using the N loading rate to ore that is derived from the analogue mine, as described in Section 3.5.1. The N loading rate is combined with the nominal ore feed rate (Table 3-7) to calculate the N load added to process water. The resulting N load is distributed between NH_3 , NO_3 and NO_2 based on the speciation observed in the analogue mine tailings supernatant (Table 3-8). The mill water demand (Table 3-7) is used to convert the N species loads into concentrations that are added to process water and are also used to represent concentrations in TMF runoff. The concentration of nitrate in TMF runoff is plotted in Figure 3-1. The

annual source terms for NH_3 , NO_3 and NO_2 concentrations added to process water and estimated for TMF runoff are presented in Appendix A.

3.6 Nitrification in Pit Lake

Nitrogen species are subject to biological transformations in aquatic systems. Ammonia represents a key nitrogen species that is expected to decay in surface waterbodies via various processes, including nitrification, algal uptake, and volatilization. Of these processes, algal growth and volatilization are expected to have limited impact on nitrogen concentrations at Whale Tail. This is because algal growth in freshwater systems is typically phosphorus limited, and NH_3 uptake is negligible under oligotrophic conditions typical of baseline conditions at Whale Tail Mine. Ammonia loss via volatilization (as un-ionized NH_3) is insignificant at the circumneutral pH range observed at the Whale Tail Mine. For these reasons, nitrification is considered the most likely process to influence nitrogen concentrations.

Nitrification is a process in which ammonia is oxidized to NO_2 and NO_3 sequentially by nitrifying bacteria (Bernhard, 2010). Nitrite is an intermediate product generated via NH_3 oxidation, the first and rate-limiting step of nitrification. Once generated, NO_2 is expected to be quickly consumed via further oxidation to NO_3 . The rate of nitrification is dependent on ambient conditions, including dissolved oxygen, temperature, pH, and ammonia concentration. Nitrification is applied to the WBWQM as follows:

- A conservative nitrification rate of 0.001 mg/L/d is adopted from literature (Nilsson & Widerlund, 2018; Chlot et al., 2011) based on observations and simulations for cold-climate mining ponds.
- Nitrification is applied to the closure pit lake during the growing season (April – September), when water temperatures are more favorable for bacterial growth.
- The modelled mass ratio of NH_3/NO_2 decay and NO_3 production is 1:1 based on stoichiometry and conservation of mass.
- Nitrification is applied until NH_3 is reduced to the minimum concentration (0.001 mg/L).

3.7 Mine Facility Seepage

Mine facilities will generate seepage that enters groundwater and will enter the mine pit or bypass collection ponds and report directly to the receiving environment. The seepage and surface runoff source term are identical for all mine facilities, except for the TMF and the Impoundment after installation of the reclamation cover. The TMF facility seepage and surface runoff is distinguished because tailings runoff will be defined by oxidative

weathering of exposed tailings along the TMF beach, while seepage from the facility will be similar to process water deposited with tailings slurry during the facilities construction.

Installation of the reclamation cover on the Impoundment Facility will create an impermeable barrier on the facility surface, leading to distinct chemical signatures of surface runoff and seepage. Seepage will continue to receive a geochemical load from oxidation of mine waste, which is defined in Section 3.2. The low permeability reclamation cover will reduce the volume of contact water interacting with Impoundment mine rock surfaces (Golder, 2024b). While seepage flow volumes will be reduced, parameter concentrations in seepage waters will increase due to the lower dilution flows after the reclamation cover is installed.

A variety of attenuation mechanisms may occur along groundwater flow paths, owing to changing redox conditions and interaction with sediment mineral surfaces along groundwater flow paths. In the water quality model, all parameters are assumed to behave conservatively along groundwater seepage pathways with the exception of nitrate. Nitrate is unstable under the reducing conditions of the existing groundwater environment; therefore, this parameter is expected to be entirely removed by denitrification along groundwater flow paths. Mine facility seepage source terms for As and Cr(VI) are illustrated in Figure 3-3, and included in Appendix A.

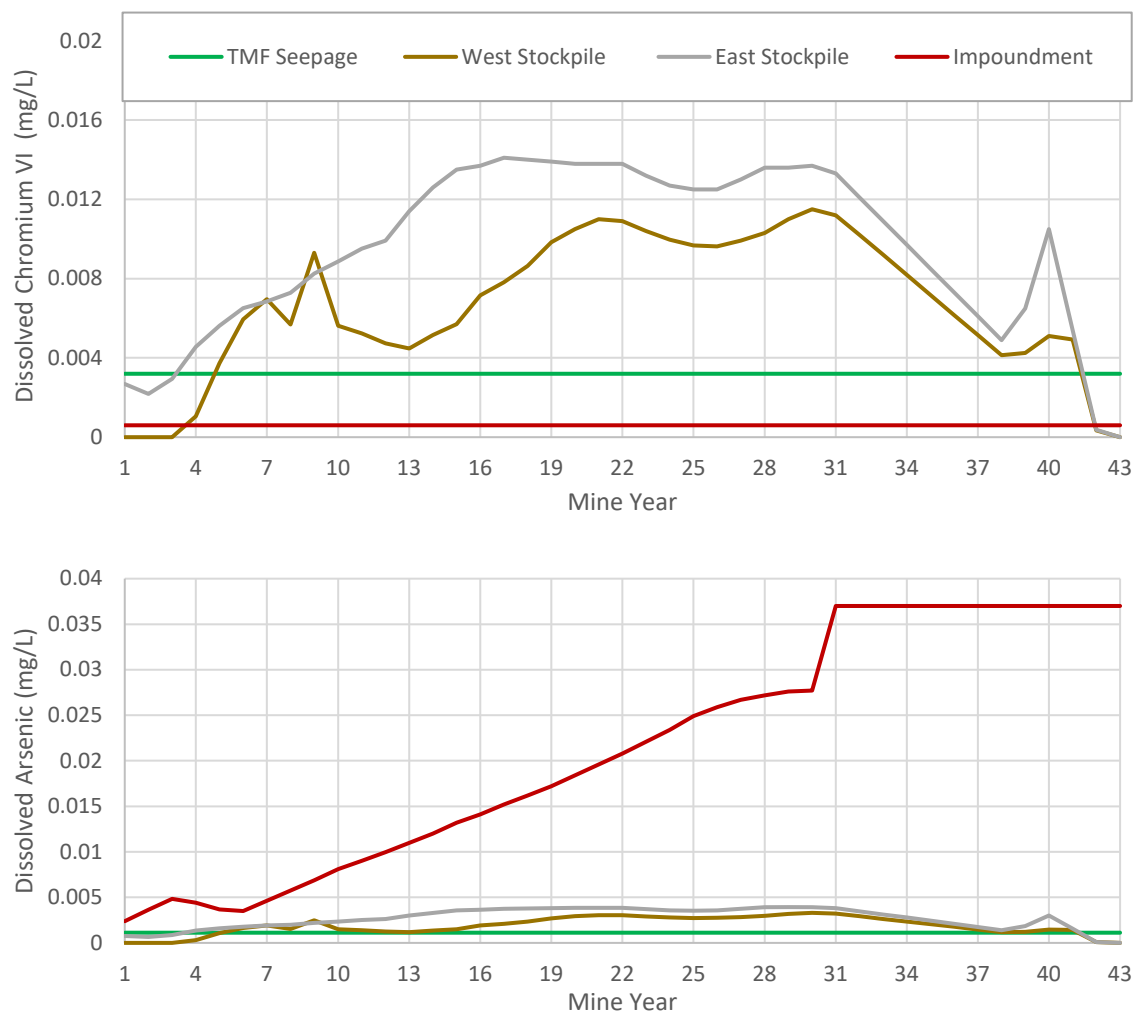


Figure 3-3: Source term results for dissolved chromium VI (top) and arsenic (bottom) in groundwater seepage from mine facilities.

4. Water Quality Model Results



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COMPANY

4. Water Quality Model Results

Water quality model results for collection ponds and the mine pit are presented in this section. Model predictions represent monthly mean values, and all constituents are presented as dissolved concentrations in this section. The results for dissolved constituents from each mine facilities are presented in time series plots in Appendix D.1, and tabulated in Appendix D.2. The influence of TSS is incorporated into water quality model results, and results for total concentrations with TSS of 10 mg/L, 15 mg/L and 30 mg/L are provided in Appendix D.3. Loadings from reclaimed area surface to the receiving environment is presented in Appendix D.4.

Collection Pond and Pit Lake predictions are screened against both end-of-pipe requirements and receiving water quality requirements in this section. The end of pipe requirements are defined by the maximum monthly mean concentrations under Schedule 4 of Metal and Diamond Mining Effluent Regulations (MDMER). The receiving environment criteria are defined using the Ontario Provincial Water Quality Objectives (PWQOs) or Canadian Council of Ministers of the Environment's Canadian Water Quality Guidelines for Protection of Freshwater Aquatic Life (CCME CWQG-FAL) when no PWQO exists or the CCME-CWQG-FAL guideline is newer (MOEE 1994; CCME, 2024). Results are only screened against receiving environment water quality for reference, as these criteria do not apply to mine-site water or end-of-pipe discharge. The potential for water quality exceedances in the receiving environment are examined in the 2024 Assimilative Capacity Study (Stantec, 2024).

4.1 Collection Ponds

Collection Pond water quality model results are screened against guidelines in Table 4-1 to Table 4-6. No exceedances of maximum monthly average MDMER end-of-pipe criteria are identified. Parameters are found to exceed CCME/PWQO criteria in all collection ponds, with the exception of the Temporary Process Area Pond. Parameters which are predicted to be in concentrations above receiving environment criteria in Pond 1 (NO₃, NO₂, SO₄, As, Cu and Se), Pond 2 (NO₃, NO₂, As, Cr(VI), Cu, Se, U, V, Zn), Pond 3 (NO₃, NO₂, Cr(VI), Cu, U, Zn), TMF NE Pond (NO₃, NO₂, As, Cr(VI), Se, U, V); and TMF NW Pond (NO₃, NO₂, As, Cr(VI), Se, U and V). Most exceedances are minor, with maximum predicted concentrations of these exceedances typically being 1-3x receiving environment criteria. The only parameters to exceed 5x PWQ/CCME are C(VI), As, and NO₃. The concentrations of these parameters are shown in Figure 4-1.

Table 4-1:
Water quality results for Collection Pond 1 screened against end-of-pipe (MDMER) and receiving environment (CCME and PWQO) criteria.

Parameter	Units	Minimum	10th Percentile	Median	90th Percentile	Maximum	CCME/PWQO	MDMER
Total Ammonia	mg/L-N	0.00013	0.00782	0.101	0.214	0.235	2.7	76
Nitrate	mg/L-N	0.0184	0.0475	13.4	29.5	32.3	2.94	-
Nitrite	mg/L-N	0.00013	0.000336	0.095	0.209	0.229	0.06	-
Chloride	mg/L	4.1	12.7	50.6	99.7	109	120	-
Sulphate	mg/L	8.28	25.3	102	201	220	218	-
Aluminum	mg/L	0.0245	0.0289	0.0298	0.0311	0.0321	variable*	-
Arsenic	mg/L	0.00104	0.0031	0.0114	0.0227	0.025	0.005	0.1
Barium	mg/L	0.0197	0.0209	0.0336	0.0579	0.07	-	-
Calcium	mg/L	15.5	22.5	43.5	68.5	74.2	-	-
Cadmium	mg/L	0.00000247	0.0000115	0.0000343	0.0000641	0.00007	0.0001	-
Cobalt	mg/L	0.000031	0.000123	0.000407	0.000776	0.000851	0.0009	-
Chromium III	mg/L	0.0000964	0.000277	0.000287	0.000305	0.000338	0.0089	-
Chromium VI	mg/L	0.000461	0.000494	0.000514	0.000535	0.000618	0.001	-
Copper	mg/L	0.000398	0.00137	0.00492	0.00956	0.0105	0.005	0.2
Iron	mg/L	0.00211	0.074	0.0765	0.0811	0.098	0.3	-
Potassium	mg/L	2.66	3.87	7.99	12.5	13.5	-	-
Magnesium	mg/L	14.5	16.6	34.8	58.9	64.2	-	-
Manganese	mg/L	0.00466	0.0192	0.0641	0.122	0.133	0.29	-
Molybdenum	mg/L	0.000567	0.00178	0.00732	0.0145	0.0158	0.073	-
Sodium	mg/L	3.83	5.55	11.5	18.1	19.5	-	-
Nickel	mg/L	0.000281	0.000863	0.00317	0.00631	0.00694	0.025	0.25
Lead	mg/L	0.0000733	0.000265	0.000943	0.00182	0.002	0.003	0.08
Selenium	mg/L	0.0000549	0.000181	0.000688	0.00135	0.00148	0.001	-
Uranium	mg/L	0.000577	0.00177	0.00732	0.0145	0.0158	0.005	-
Vanadium	mg/L	0.00075	0.00248	0.00966	0.019	0.0207	0.006	-
Zinc	mg/L	0.00162	0.00559	0.0206	0.0401	0.0439	0.02	0.4

*Variable guidelines assume mean baseline water quality reported in Stantec (2024) for water courses (pH = 5.98; hardness = 42.7 mg/L; DOC = 31.1 mg/L; Cl = 11.3 mg/L; Temp = 8.91C), with the exception of ammonia guideline, which assumes 95th percentile pH for conversion from free ammonia guideline (pH = 7.59)

**At pH >5.5 to 6.5, no condition should be permitted which would increase the acid soluble inorganic aluminum concentration in clay-free samples to more than 10% above natural background concentrations for waters.

Values which exceed CCME/PWQO by >1x and >5x are shaded light blue and dark blue, respectively. Values which exceed MDMER are shaded grey.

Table 4-2:
Water quality results for Collection Pond 2 screened against end-of-pipe (MDMER) and receiving environment (CCME and PWQO) criteria.

Parameter	Units	Minimum	10th Percentile	Median	90th Percentile	Maximum	CCME/PWQO*	MDMER*
Total Ammonia	mg/L-N	0.00157	0.123	0.244	0.329	0.469	2.7	76
Nitrate	mg/L-N	0.00431	1.55	9.19	22.5	24.5	2.94	-
Nitrite	mg/L-N	0.000144	0.0265	0.062	0.155	0.168	0.06	-
Chloride	mg/L	0.083	11	31.9	74.1	80	120	-
Sulphate	mg/L	0.162	21.5	63.4	149	161	218	-
Aluminum	mg/L	0.000282	0.026	0.0265	0.0269	0.0284	variable**	-
Arsenic	mg/L	0.0000193	0.000922	0.00579	0.0145	0.0158	0.005	0.1
Barium	mg/L	0.00071	0.0229	0.0304	0.0487	0.0706	-	-
Calcium	mg/L	0.169	11.1	29.8	46.9	49.3	-	-
Cadmium	mg/L	9.84E-08	0.00000972	0.0000213	0.0000464	0.00005	0.0001	-
Cobalt	mg/L	0.00000101	0.000118	0.000297	0.0006	0.00065	0.0009	-
Chromium III	mg/L	0.00000327	0.000179	0.000192	0.000235	0.000326	0.0089	-
Chromium VI	mg/L	0.0000049	0.000967	0.00264	0.00484	0.00618	0.001	-
Copper	mg/L	0.0000103	0.00131	0.00337	0.00727	0.00789	0.005	0.2
Iron	mg/L	0.000969	0.0356	0.0408	0.0585	0.0963	0.3	-
Potassium	mg/L	0.029	1.77	5.38	8.49	8.86	-	-
Magnesium	mg/L	0.141	17.4	36.5	55	58.7	-	-
Manganese	mg/L	0.000146	0.00821	0.0325	0.0773	0.0822	0.29	-
Molybdenum	mg/L	0.0000104	0.000957	0.00391	0.00988	0.0105	0.073	-
Sodium	mg/L	0.0419	2.53	7.77	12.2	12.8	-	-
Nickel	mg/L	0.00000799	0.00148	0.00483	0.00749	0.00854	0.025	0.25
Lead	mg/L	0.00000198	0.000228	0.000594	0.00134	0.00145	0.003	0.08
Selenium	mg/L	0.0000013	0.000182	0.000515	0.00106	0.00115	0.001	-
Uranium	mg/L	0.0000112	0.00158	0.00467	0.0108	0.0116	0.005	-
Vanadium	mg/L	0.0000145	0.000466	0.00481	0.0119	0.0127	0.006	-
Zinc	mg/L	0.00004	0.00481	0.013	0.0296	0.0319	0.02	0.4

*Variable guidelines assume mean baseline water quality reported in Stantec (2024) for water courses (pH = 5.98; hardness = 42.7 mg/L; DOC = 31.1 mg/L; Cl = 11.3 mg/L; Temp = 8.91C), with the exception of ammonia guideline, which assumes 95th percentile pH for conversion from free ammonia guideline (pH = 7.59)

**At pH >5.5 to 6.5, no condition should be permitted which would increase the acid soluble inorganic aluminum concentration in clay-free samples to more than 10% above natural background concentrations for waters.

Values which exceed CCME/PWQO by >1x and >5x are shaded light blue and dark blue, respectively. Values which exceed MDMER are shaded grey.

Table 4-3:
Water quality results for Collection Pond 3 screened against end-of-pipe (MDMER) and receiving environment (CCME and PWQO) criteria.

Parameter	Units	Minimum	10th Percentile	Median	90th Percentile	Maximum	CCME/PWQO*	MDMER*
Total Ammonia	mg/L-N	0.00382	0.0339	0.0981	0.122	0.123	2.7	76
Nitrate	mg/L-N	0.0733	4.63	13.7	17	17.3	2.94	-
Nitrite	mg/L-N	0.000519	0.0328	0.097	0.121	0.122	0.06	-
Chloride	mg/L	11.5	20.7	42.5	51.3	52	120	-
Sulphate	mg/L	22.6	40.6	83.5	101	102	218	-
Aluminum	mg/L	0.016	0.0182	0.0185	0.0186	0.0187	variable**	-
Arsenic	mg/L	0.000619	0.00112	0.00222	0.00268	0.00275	0.005	0.1
Barium	mg/L	0.0193	0.0237	0.0261	0.0449	0.0807	-	-
Calcium	mg/L	0.709	1.02	1.59	1.84	1.86	-	-
Cadmium	mg/L	0.0000758	0.0000135	0.0000262	0.0000315	0.0000319	0.0001	-
Cobalt	mg/L	0.00012	0.000215	0.000431	0.00052	0.000526	0.0009	-
Chromium III	mg/L	0.000102	0.000103	0.000103	0.000104	0.000157	0.0089	-
Chromium VI	mg/L	0.00203	0.00382	0.00807	0.00956	0.00981	0.001	-
Copper	mg/L	0.0013	0.00235	0.00477	0.00576	0.00583	0.005	0.2
Iron	mg/L	0.015	0.015	0.015	0.0151	0.0424	0.3	-
Potassium	mg/L	0.0815	0.116	0.176	0.206	0.209	-	-
Magnesium	mg/L	24.7	35.5	56.7	64.4	65.1	-	-
Manganese	mg/L	0.00357	0.0059	0.0107	0.0127	0.0129	0.29	-
Molybdenum	mg/L	0.00085	0.00154	0.00318	0.00385	0.00389	0.073	-
Sodium	mg/L	0.0667	0.0947	0.143	0.166	0.169	-	-
Nickel	mg/L	0.00294	0.00534	0.011	0.0133	0.0135	0.025	0.25
Lead	mg/L	0.000211	0.000378	0.000761	0.000918	0.000929	0.003	0.08
Selenium	mg/L	0.000206	0.000382	0.000792	0.000946	0.000965	0.001	-
Uranium	mg/L	0.00174	0.00306	0.00632	0.00763	0.00775	0.005	-
Vanadium	mg/L	0.000209	0.000362	0.000687	0.000847	0.000862	0.006	-
Zinc	mg/L	0.00463	0.0083	0.0168	0.0203	0.0206	0.02	0.4

*Variable guidelines assume mean baseline water quality reported in Stantec (2024) for water courses (pH = 5.98; hardness = 42.7 mg/L; DOC = 31.1 mg/L; Cl = 11.3 mg/L; Temp = 8.91C), with the exception of ammonia guideline, which assumes 95th percentile pH for conversion from free ammonia guideline (pH = 7.59)

**At pH >5.5 to 6.5, no condition should be permitted which would increase the acid soluble inorganic aluminum concentration in clay-free samples to more than 10% above natural background concentrations for waters.

Values which exceed CCME/PWQO by >1x and >5x are shaded light blue and dark blue, respectively. Values which exceed MDMER are shaded grey.

Table 4-4:
Water quality results for TMF NE Pond screened against end-of-pipe (MDMER) and receiving environment (CCME and PWQO) criteria.

Parameter	Units	Minimum	10th Percentile	Median	90th Percentile	Maximum	CCME/PWQO*	MDMER*
Total Ammonia	mg/L-N	0.0136	0.454	0.598	0.651	0.706	2.7	76
Nitrate	mg/L-N	0.208	5.71	6.08	6.93	8.09	2.94	-
Nitrite	mg/L-N	0.00243	0.0715	0.0823	0.0925	0.101	0.06	-
Chloride	mg/L	0.174	5.56	5.98	6.97	10.6	120	-
Sulphate	mg/L	3.29	96.1	108	124	133	218	-
Aluminum	mg/L	0.000627	0.0236	0.0254	0.0305	0.0337	variable**	-
Arsenic	mg/L	0.000251	0.00582	0.00651	0.00793	0.00969	0.005	0.1
Barium	mg/L	0.000262	0.00767	0.00818	0.00929	0.00996	-	-
Calcium	mg/L	0.549	14.5	15.1	19.2	21.3	-	-
Cadmium	mg/L	0.00000793	0.0000217	0.0000231	0.0000287	0.0000308	0.0001	-
Cobalt	mg/L	0.0000127	0.000391	0.000423	0.000474	0.000505	0.0009	-
Chromium III	mg/L	0.00000348	0.0001	0.000155	0.000344	0.000432	0.0089	-
Chromium VI	mg/L	0.0000926	0.00267	0.0038	0.00426	0.00471	0.001	-
Copper	mg/L	0.00011	0.00268	0.00296	0.00363	0.00424	0.005	0.2
Iron	mg/L	0.000498	0.00253	0.0295	0.118	0.155	0.3	-
Potassium	mg/L	0.101	2.44	2.65	3.27	3.88	-	-
Magnesium	mg/L	1.18	37	45.5	50.3	55	-	-
Manganese	mg/L	0.00132	0.033	0.035	0.047	0.0512	0.29	-
Molybdenum	mg/L	0.000196	0.0052	0.00574	0.0065	0.00753	0.073	-
Sodium	mg/L	0.144	3.88	4.06	5.23	5.59	-	-
Nickel	mg/L	0.000139	0.0042	0.00492	0.00547	0.00598	0.025	0.25
Lead	mg/L	0.0000231	0.000605	0.000668	0.00077	0.000894	0.003	0.08
Selenium	mg/L	0.0000314	0.000933	0.00117	0.00133	0.00147	0.001	-
Uranium	mg/L	0.000167	0.00403	0.00451	0.00525	0.00645	0.005	-
Vanadium	mg/L	0.000201	0.00455	0.0051	0.00638	0.00776	0.006	-
Zinc	mg/L	0.00051	0.0135	0.0148	0.0169	0.0197	0.02	0.4

*Variable guidelines assume mean baseline water quality reported in Stantec (2024) for water courses (pH = 5.98; hardness = 42.7 mg/L; DOC = 31.1 mg/L; Cl = 11.3 mg/L; Temp = 8.91C), with the exception of ammonia guideline, which assumes 95th percentile pH for conversion from free ammonia guideline (pH = 7.59)

**At pH >5.5 to 6.5, no condition should be permitted which would increase the acid soluble inorganic aluminum concentration in clay-free samples to more than 10% above natural background concentrations for waters.

Values which exceed CCME/PWQO by >1x and >5x are shaded light blue and dark blue, respectively. Values which exceed MDMER are shaded grey.

Table 4-5:
Water quality results for TMF NW Pond screened against end-of-pipe (MDMER) and receiving environment (CCME and PWQO) criteria.

Parameter	Units	Minimum	10th Percentile	Median	90th Percentile	Maximum	CCME/PWQO*	MDMER*
Total Ammonia	mg/L-N	0.0109	0.361	0.475	0.638	0.661	2.7	76
Nitrate	mg/L-N	0.168	3.25	5.8	6.62	7.91	2.94	-
Nitrite	mg/L-N	0.00196	0.0166	0.0752	0.0883	0.0917	0.06	-
Chloride	mg/L	0.14	5.66	6.77	16.9	20.9	120	-
Sulphate	mg/L	2.65	17.6	99.4	116	126	218	-
Aluminum	mg/L	0.000505	0.0201	0.0245	0.0294	0.0331	variable**	-
Arsenic	mg/L	0.000202	0.0009	0.00597	0.00741	0.00945	0.005	0.1
Barium	mg/L	0.000211	0.00589	0.00777	0.00884	0.00974	-	-
Calcium	mg/L	0.442	13.3	14.8	18.5	20.8	-	-
Cadmium	mg/L	0.00000639	0.0000369	0.0000218	0.0000279	0.0000302	0.0001	-
Cobalt	mg/L	0.0000102	0.0000302	0.000396	0.000448	0.000488	0.0009	-
Chromium III	mg/L	0.0000028	0.000127	0.000195	0.000313	0.00042	0.0089	-
Chromium VI	mg/L	0.0000746	0.000284	0.00288	0.00406	0.00432	0.001	-
Copper	mg/L	0.0000883	0.000212	0.00274	0.00346	0.00414	0.005	0.2
Iron	mg/L	0.000402	0.0167	0.0677	0.124	0.15	0.3	-
Potassium	mg/L	0.0814	0.942	2.48	3.05	3.79	-	-
Magnesium	mg/L	0.954	20.6	38.8	48.8	50.1	-	-
Manganese	mg/L	0.00106	0.0133	0.0331	0.0455	0.0501	0.29	-
Molybdenum	mg/L	0.000158	0.00177	0.00539	0.00601	0.00734	0.073	-
Sodium	mg/L	0.116	3.92	4.5	5.51	5.81	-	-
Nickel	mg/L	0.000112	0.00183	0.00443	0.00523	0.0054	0.025	0.25
Lead	mg/L	0.0000186	0.0000464	0.000619	0.000731	0.000873	0.003	0.08
Selenium	mg/L	0.0000162	0.0000206	0.000988	0.00127	0.00129	0.001	-
Uranium	mg/L	0.0000429	0.0000544	0.00413	0.00485	0.00629	0.005	-
Vanadium	mg/L	0.000124	0.000157	0.00468	0.00597	0.00757	0.006	-
Zinc	mg/L	0.000411	0.00247	0.0137	0.0158	0.0193	0.02	0.4

*Variable guidelines assume mean baseline water quality reported in Stantec (2024) for water courses (pH = 5.98; hardness = 42.7 mg/L; DOC = 31.1 mg/L; Cl = 11.3 mg/L; Temp = 8.91C), with the exception of ammonia guideline, which assumes 95th percentile pH for conversion from free ammonia guideline (pH = 7.59)

**At pH >5.5 to 6.5, no condition should be permitted which would increase the acid soluble inorganic aluminum concentration in clay-free samples to more than 10% above natural background concentrations for waters.

Values which exceed CCME/PWQO by >1x and >5x are shaded light blue and dark blue, respectively. Values which exceed MDMER are shaded grey.

Table 4-6:
Water quality results for Temporary Process Pond screened against end-of-pipe (MDMER) and receiving environment (CCME and PWQO) criteria.

Parameter	Units	Minimum	10th Percentile	Median	90th Percentile	Maximum	CCME/PWQO	MDMER
Total Ammonia	mg/L-N	0.000276	0.000278	0.000283	0.00201	0.645	2.7	76
Nitrate	mg/L-N	0.0444	0.0449	0.0457	0.0488	1.23	2.94	-
Nitrite	mg/L-N	0.000275	0.000278	0.000283	0.000336	0.0199	0.06	-
Chloride	mg/L	2.2	2.22	2.25	3.19	13	120	-
Sulphate	mg/L	4.36	4.4	4.48	4.55	14.4	218	-
Aluminum	mg/L	0.0218	0.022	0.0224	0.0227	0.0311	variable*	-
Arsenic	mg/L	0.000307	0.000691	0.000709	0.000718	0.000722	0.005	0.1
Barium	mg/L	0.0033	0.00333	0.00339	0.00344	0.0231	-	-
Calcium	mg/L	21.8	28.7	29.4	29.8	30	-	-
Cadmium	mg/L	0.0000013	0.00000132	0.00000134	0.00000137	0.0000122	0.0001	-
Cobalt	mg/L	0.0000156	0.0000158	0.0000161	0.0000163	0.0000956	0.0009	-
Chromium III	mg/L	0.0000857	0.0000866	0.0000882	0.0000896	0.000628	0.0089	-
Chromium VI	mg/L	0.0000839	0.000551	0.000565	0.000572	0.000576	0.001	-
Copper	mg/L	0.000215	0.000217	0.000221	0.000224	0.000628	0.005	0.2
Iron	mg/L	0.00188	0.0019	0.00194	0.00361	0.03	0.3	-
Potassium	mg/L	1.51	4.72	4.83	4.9	4.92	-	-
Magnesium	mg/L	6.18	6.24	6.35	6.45	26.2	-	-
Manganese	mg/L	0.00273	0.00276	0.00281	0.0029	0.036	0.29	-
Molybdenum	mg/L	0.000311	0.000314	0.00032	0.000325	0.000881	0.073	-
Sodium	mg/L	6.93	7	7.13	7.24	9.21	-	-
Nickel	mg/L	0.0000923	0.0000932	0.000095	0.0000978	0.00119	0.025	0.25
Lead	mg/L	0.0000386	0.000039	0.0000397	0.0000403	0.00014	0.003	0.08
Selenium	mg/L	0.0000289	0.0000292	0.0000297	0.0000301	0.000055	0.1	-
Uranium	mg/L	0.0000304	0.00028	0.000287	0.00029	0.000292	0.005	-
Vanadium	mg/L	0.00033	0.000448	0.000459	0.000465	0.000467	0.006	-
Zinc	mg/L	0.000855	0.000864	0.00088	0.000893	0.00304	0.02	0.4

*Variable guidelines assume mean baseline water quality reported in Stantec (2024) for water courses (pH = 5.98; hardness = 42.7 mg/L; DOC = 31.1 mg/L; Cl = 11.3 mg/L; Temp = 8.91C), with the exception of ammonia guideline, which assumes 95th percentile pH for conversion from free ammonia guideline (pH = 7.59)

**At pH >5.5 to 6.5, no condition should be permitted which would increase the acid soluble inorganic aluminum concentration in clay-free samples to more than 10% above natural background concentrations for waters.

Values which exceed CCME/PWQO by >1x and >5x are shaded light blue and dark blue, respectively. Values which exceed MDMER are shaded grey.

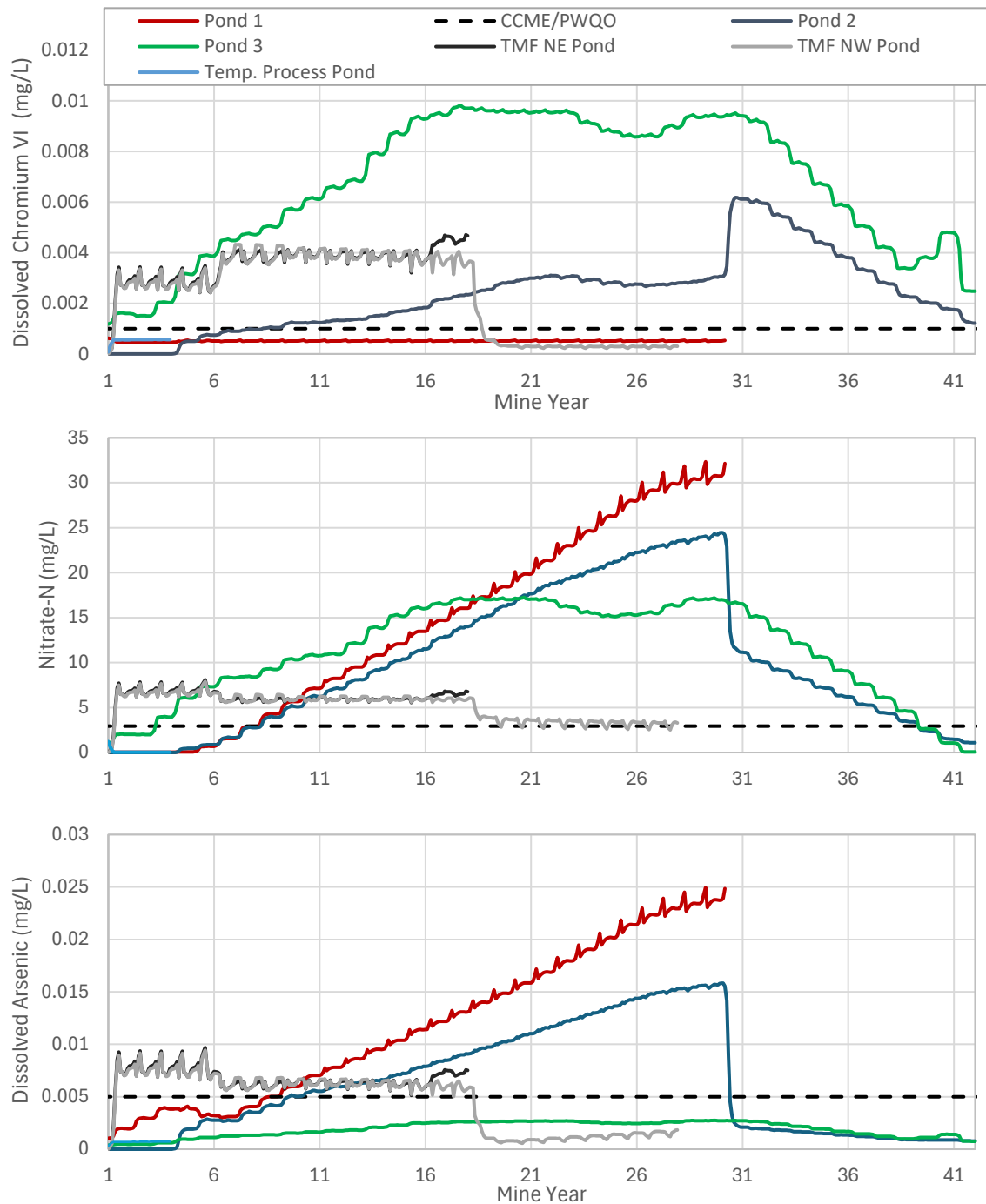


Figure 4-1: Water quality model results for dissolved chromium VI (top), nitrate (middle) and dissolved arsenic (bottom) in mine water collection ponds compared against receiving environment guidelines (CCME/PWQO).

Hexavalent chromium (Cr(VI)) concentrations are projected to exceed the CCME/PWQO guidelines in all ponds except Pond 1 (Figure 4-1). The primary source of Cr(VI) is the discharge from the East and West stockpiles, with a lesser contribution from TMF surface runoff. Pond 3 has the highest concentrations as its major inflow is the runoff from the East Stockpile (Figure 2-3). In Pond 2, Cr(VI) concentrations present a sharp increase in Year 30 as runoff from the West Stockpile becomes the main inflow source following the reclamation of the Impoundment Facility (Figure 2-2). Dissolved Cr(VI) concentrations in Pond 2 and Pond 3 are expected to remain above the guidelines until the stockpiles are reclaimed. Dissolved Cr(VI) concentrations in the TMF ponds present an increase in Year 6, driven by an increase in TMF surface runoff entering these ponds (Figure 2-4 and Figure 2-5). After the reclamation of TMF in Year 18, Cr(VI) concentrations in the TMF NW Pond drop below the CCME/PWQO guidelines.

Arsenic concentrations in Pond 1 and Pond 2 are predicted to be above the CCME/PWQO guidelines due to discharges from the Impoundment Facility (Figure 2-1 and Figure 2-2). After the Impoundment Facility is reclaimed in Year 30, As concentrations in Pond 2 are expected to decline and meet the CCME/PWQO guidelines. Arsenic concentrations in TMF ponds are also predicted to be above the guidelines, mostly due to the runoff from the TMF dam. Once TMF ceases discharging into TMF NW Pond in Year 18, dissolved arsenic concentrations in the pond are predicted to fall below the CCME/PWQO guidelines. At no point do As concentrations approach MDMER criteria of 0.1 mg/L (maximum predicted concentration of 0.025 mg/L).

Nitrate concentrations in all ponds are projected to surpass the CCME/PWQO guidelines. In Pond 2, NO₃ levels sharply decline in Year 30 as the TMF ceases reporting to this pond. After Year 30, nitrate concentrations in Pond 2 continue to decrease steadily, falling below the guidelines prior to Year 40. The reduction in runoff from the East Stockpile to Pond 3 leads to decreasing nitrate levels, which also drop below the guidelines before Year 40. When the TMF stops reporting to TMF NW Pond, nitrate concentrations in this pond decrease but fluctuate around the guidelines.

4.2 Pit Lake

Pit lake water quality model results during the flooding period and after the pit is fully flooded are screened against guidelines in Table 4-7 and Table 4-8, respectively. During both periods, there are no exceedances of the maximum monthly average MDMER end-of-pipe criteria. Although some parameters are found to exceed CCME/PWQO criteria during the flooding period (Table 4-7), no exceedances are predicted for the period after the pit is fully flooded (Table 4-8). The parameters that exceed the receiving environment criteria during the flooding period included NO₃, NO₂, Cl, SO₄, Co and Cr(VI). Most of

these exceedances are minor, with maximum predicted concentrations typically being less than 1-4x receiving environment criteria.

The initial pit lake chemistry is entirely driven by the process water present in the pit at end of operations (Figure 2-7). At the start of flooding, NO₃ concentrations in the pit lake are approximately twice as high as the receiving environment criteria (Figure 4-2 and Table 4-7). As the pit fills with precipitation, groundwater and pit wall runoff (Figure 2-7), the influence of process water diminishes, and NO₃ concentrations drop below the CCME/PWQO guidelines (2.94 mg/L-N) by Year 80. By the end of the flooding period, NO₃ concentrations in the pit lake are expected to be around 2.2 mg/L-N.

The initial concentration of Cr(VI) in the pit lake is about three times higher than the receiving environment criteria (Figure 4-2 and Table 4-7) due to the presence of process water (Figure 2-7). As the pit floods, Cr(VI) concentrations decrease, but at a lower rate compared to the NO₃ concentrations. This is because, although much less significant than the process water, pit wall and TMF seepage still contribute to Cr(VI) concentrations in the pit lake. By Year 110, Cr(VI) concentrations drop below the CCME/PWQO guidelines (0.001 mg/L). By the end of flooding period, Cr(VI) concentrations in the pit lake are predicted to be approximately 0.0007 mg/L, mostly driven by the pit wall runoff (Figure 2-7).

Mine facility seepage (Impoundment and TMF) is the primary contributor to As concentrations in the pit lake. Consequently, As concentrations in the pit lake are expected to slightly rise as the proportion of groundwater increases, peaking at a predicted concentration of 0.00234 mg/L in Year 122. After Year 122, As concentrations are anticipated to decrease as the pit lake continues to receive pit wall runoff, which is a minor source of As compared to groundwater, along with direct precipitation. At no point do As concentrations approach the CCME/PWQO criteria of 0.005 mg/L.

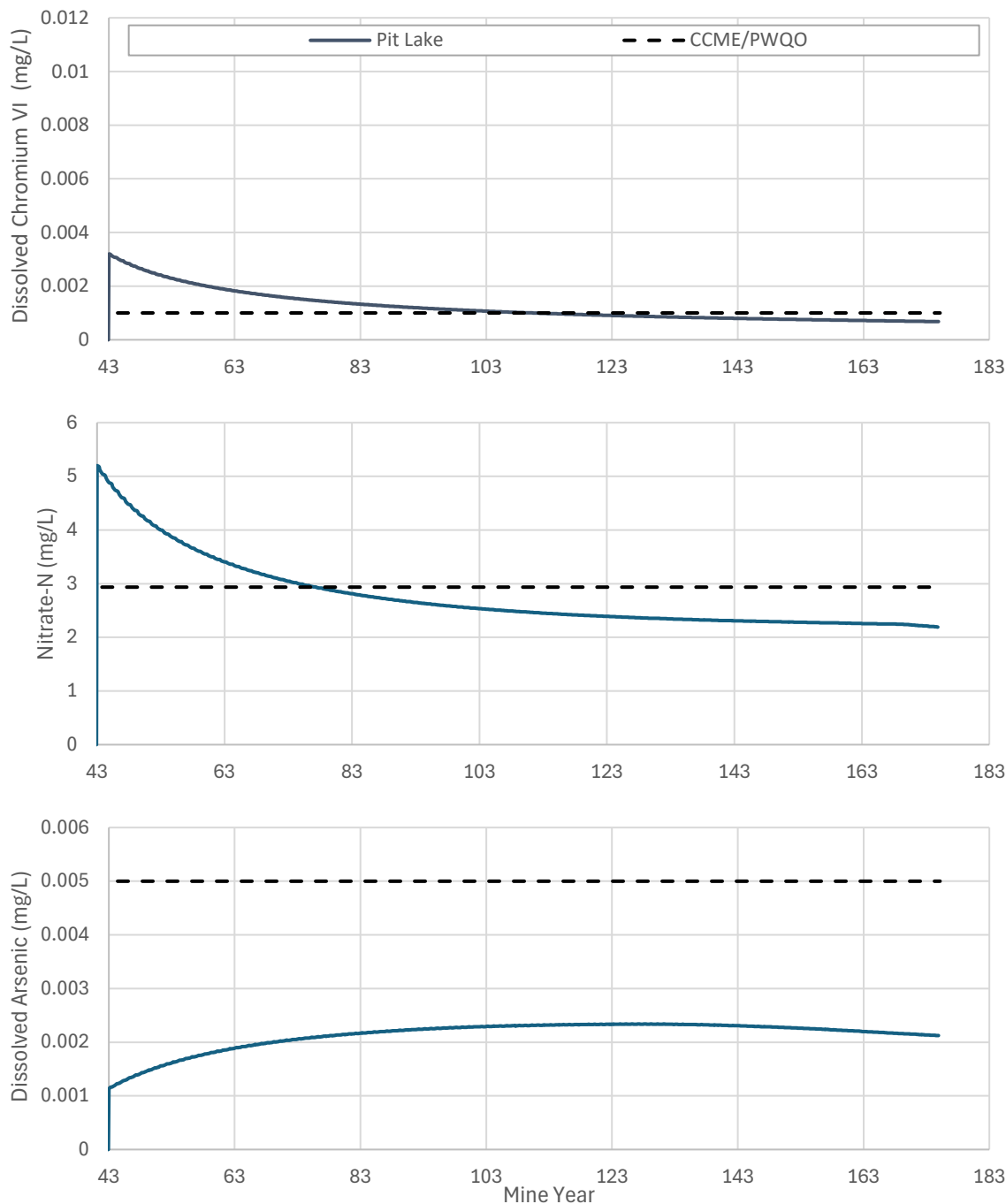


Figure 4-2: Water quality model results for dissolved chromium VI (top), dissolved arsenic (middle) and nitrate (bottom) in closure pit lake compared against receiving environment guidelines (CCME/PWQO).

Table 4-7:
Water quality results for Pit Lake during the flooding period (Year 43 to Year 158) screened against end of pipe (MDMER) and receiving environment (CCME and PWQO) criteria.

Parameter	Units	Minimum	10th Percentile	Median	90th Percentile	Maximum	CCME/PWQO*	MDMER*
Total Ammonia	mg/L-N	0.0808	0.175	0.593	1.54	2.28	2.7	76
Nitrate	mg/L-N	2.27	2.3	2.56	3.88	5.2	2.94	-
Nitrite	mg/L-N	0.0000138	0.000149	0.000616	0.0711	0.217	0.06	-
Chloride	mg/L	61.5	65.2	90.8	190	282	120	-
Sulphate	mg/L	71.1	75	99.6	194	282	218	-
Aluminum	mg/L	0.015	0.0154	0.0173	0.0217	0.0253	variable**	-
Arsenic	mg/L	0.00113	0.00167	0.00226	0.00233	0.00234	0.005	0.1
Barium	mg/L	0.00875	0.00906	0.00957	0.00973	0.00975	-	-
Calcium	mg/L	1.5	6.68	12.4	13.3	13.4	-	-
Cadmium	mg/L	0.00000311	0.00000319	0.00000389	0.00000675	0.00000951	0.0001	-
Cobalt	mg/L	0.00018	0.000191	0.000278	0.00061	0.000918	0.0009	-
Chromium III	mg/L	0.0000957	0.0000986	0.000103	0.000104	0.000105	0.0089	-
Chromium VI	mg/L	0.000733	0.000779	0.00109	0.00219	0.0032	0.001	-
Copper	mg/L	0.000265	0.000275	0.000361	0.000691	0.001	0.005	0.2
Iron	mg/L	0.00256	0.03	0.03	0.03	0.03	0.3	-
Potassium	mg/L	1.49	1.55	1.77	2.36	2.94	-	-
Magnesium	mg/L	49.5	52.2	68.7	127	182	-	-
Manganese	mg/L	0.0297	0.0307	0.0347	0.0518	0.0696	0.29	-
Molybdenum	mg/L	0.0072	0.00762	0.0103	0.0197	0.0285	0.073	-
Sodium	mg/L	10.1	10.5	12.4	19.5	26.5	-	-
Nickel	mg/L	0.00516	0.00543	0.00697	0.0123	0.0172	0.025	0.25
Lead	mg/L	0.000034	0.0000347	0.0000409	0.0000659	0.0000901	0.003	0.08
Selenium	mg/L	0.000547	0.000585	0.000867	0.00194	0.00294	0.1	-
Uranium	mg/L	0.00000936	0.0000209	0.0000291	0.0000302	0.0000303	0.005	-
Vanadium	mg/L	0.000318	0.000362	0.000731	0.00101	0.00102	0.006	-
Zinc	mg/L	0.00201	0.00233	0.00268	0.00274	0.00275	0.02	0.4

*Variable guidelines assume mean baseline water quality reported in Stantec (2024) for water courses (pH = 5.98; hardness = 42.7 mg/L; DOC = 31.1 mg/L; Cl = 11.3 mg/L; Temp = 8.91C), with the exception of ammonia guideline, which assumes 95th percentile pH for conversion from free ammonia guideline (pH = 7.59)

**At pH >5.5 to 6.5, no condition should be permitted which would increase the acid soluble inorganic aluminum concentration in clay-free samples to more than 10% above natural background concentrations for waters. For the purpose of the present analysis, the results are screened against the P75th concentration of D-Al (0.2um) in the North Driftwood River of 0.086 mg/L.

Values which exceed CCME/PWQO by >1x and >5x are shaded light blue and dark blue, respectively. Values which exceed MDMER are shaded grey.

Table 4-8:
Water quality results for the Pit Lake after fully flooded (Year 159 to 174) screened against end of pipe (MDMER) and receiving environment (CCME and PWQO) criteria.

Parameter	Units	Minimum	10th Percentile	Median	90th Percentile	Maximum	CCME/PWQO*	MDMER*
Total Ammonia	mg/L-N	0.0000614	0.000388	0.0189	0.0691	0.081	2.7	76
Nitrate	mg/L-N	2.19	2.21	2.25	2.26	2.27	2.94	-
Nitrite	mg/L-N	0.0000132	0.0000667	0.000771	0.000963	0.00101	0.06	-
Chloride	mg/L	57.3	57.8	59.3	61	61.5	120	-
Sulphate	mg/L	66.6	67.1	68.7	70.6	71.1	218	-
Aluminum	mg/L	0.0143	0.0144	0.0146	0.0149	0.015	variable*	-
Arsenic	mg/L	0.00212	0.00214	0.00217	0.00221	0.00223	0.005	0.1
Barium	mg/L	0.00877	0.00882	0.00899	0.00917	0.00922	-	-
Calcium	mg/L	12.3	12.4	12.6	12.9	13	-	-
Cadmium	mg/L	0.0000304	0.0000305	0.0000307	0.000031	0.0000311	0.0001	-
Cobalt	mg/L	0.000167	0.000169	0.000173	0.000178	0.00018	0.0009	-
Chromium III	mg/L	0.000105	0.000105	0.000105	0.000105	0.000105	0.0089	-
Chromium VI	mg/L	0.000677	0.000683	0.000704	0.000726	0.000733	0.001	-
Copper	mg/L	0.000253	0.000254	0.000258	0.000263	0.000265	0.005	0.2
Iron	mg/L	0.03	0.03	0.03	0.03	0.03	0.3	-
Potassium	mg/L	1.41	1.42	1.45	1.48	1.49	-	-
Magnesium	mg/L	46.1	46.5	47.7	49.1	49.5	-	-
Manganese	mg/L	0.0283	0.0285	0.029	0.0295	0.0297	0.29	-
Molybdenum	mg/L	0.00672	0.00677	0.00695	0.00714	0.0072	0.073	-
Sodium	mg/L	9.48	9.55	9.76	9.99	10.1	-	-
Nickel	mg/L	0.00483	0.00487	0.00499	0.00512	0.00516	0.025	0.25
Lead	mg/L	0.0000333	0.0000334	0.0000336	0.0000339	0.000034	0.003	0.08
Selenium	mg/L	0.000507	0.000511	0.000526	0.000543	0.000547	0.1	-
Uranium	mg/L	0.0000263	0.0000265	0.0000273	0.0000281	0.0000283	0.005	-
Vanadium	mg/L	0.00101	0.00101	0.00102	0.00102	0.00102	0.006	-
Zinc	mg/L	0.0025	0.00252	0.00256	0.0026	0.00261	0.02	0.4

*Variable guidelines assume mean baseline water quality reported in Stantec (2024) for water courses (pH = 5.98; hardness = 42.7 mg/L; DOC = 31.1 mg/L; Cl = 11.3 mg/L; Temp = 8.91C), with the exception of ammonia guideline, which assumes 95th percentile pH for conversion from free ammonia guideline (pH = 7.59)

**At pH >5.5 to 6.5, no condition should be permitted which would increase the acid soluble inorganic aluminum concentration in clay-free samples to more than 10% above natural background concentrations for waters.

Values which exceed CCME/PWQO by >1x and >5x are shaded light blue and dark blue, respectively. Values which exceed MDMER are shaded grey.

4.3 Reclaimed Areas

Runoff from reclaimed areas is released directly to the receiving environment beginning in Year 18 of mine life when the TMF cover is complete. Most facilities will be entirely reclaimed by the end of mine life in Year 42. In general, the placement of reclamation covers will limit geochemical loading in surface runoff. Loading from reclaimed area surface runoff to the North Driftwood River and the West Buskegau River is calculated within the WQM and provided in Appendix D.4. Elevated concentrations may persist in groundwater seepage chemistry from the TMF and Impoundment, as defined in Appendix A. The impact of the loadings from the reclaimed areas that are not intercepted by the collection ponds or the mine pit is described by the Assimilative Capacity Study (Stantec, 2024c).

5. Closure



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We trust that this water quality model report meets your current requirements. Please contact the undersigned should you have any questions or concerns or require additional information in support of this work. We appreciate the ongoing opportunity to work at your site.

Yours sincerely,

LORAX ENVIRONMENTAL SERVICES LTD.

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Appendix A: Source Terms



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	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TMF Runoff															
	1	78	2.96	0.89	0.0769	1.85	0.819	0.03	0.00585	0.000005	0.0241	0.00000025	0.000593	0.0055	0.0000035
	2	79.2	2.96	0.89	0.0769	1.85	0.819	0.03	0.0058	0.000005	0.0241	0.00000025	0.000593	0.0054	0.0000035
	3	79.7	2.96	0.89	0.0769	1.85	0.819	0.03	0.00578	0.000005	0.0241	0.00000025	0.000593	0.00536	0.0000035
	4	81	2.96	0.89	0.0769	1.85	0.819	0.03	0.00573	0.000005	0.0241	0.00000025	0.000593	0.00525	0.0000035
	5	82.1	2.96	0.89	0.0769	1.85	0.819	0.03	0.00569	0.000005	0.0241	0.00000025	0.000593	0.00515	0.0000035
	6	81.7	2.96	0.89	0.0769	1.85	0.819	0.03	0.0057	0.000005	0.0241	0.00000025	0.000593	0.00518	0.0000035
	7	82.5	2.96	0.89	0.0769	1.85	0.819	0.03	0.00567	0.000005	0.0241	0.00000025	0.000593	0.00512	0.0000035
	8	83.7	2.96	0.89	0.0769	1.85	0.819	0.03	0.00563	0.000005	0.0241	0.00000025	0.000593	0.00501	0.0000035
	9	84.5	2.96	0.89	0.0769	1.85	0.819	0.03	0.0056	0.000005	0.0241	0.00000025	0.000593	0.00495	0.0000035
	10	84.8	2.96	0.89	0.0769	1.85	0.819	0.03	0.00559	0.000005	0.0241	0.00000025	0.000593	0.00492	0.0000035
	11	85.3	2.96	0.89	0.0769	1.85	0.819	0.03	0.00556	0.000005	0.0241	0.00000025	0.000593	0.00488	0.0000035
	12	85.8	2.96	0.89	0.0769	1.85	0.819	0.03	0.00555	0.000005	0.0241	0.00000025	0.000593	0.00483	0.0000035
	13	86	2.96	0.89	0.0769	1.85	0.819	0.03	0.00554	0.000005	0.0241	0.00000025	0.000593	0.00482	0.0000035
	14	85.6	2.96	0.89	0.0769	1.85	0.819	0.03	0.00555	0.000005	0.0241	0.00000025	0.000593	0.00485	0.0000035
	15	85.9	2.96	0.89	0.0769	1.85	0.819	0.03	0.00554	0.000005	0.0241	0.00000025	0.000593	0.00482	0.0000035
	16	85.7	2.96	0.89	0.0769	1.85	0.819	0.03	0.00555	0.000005	0.0241	0.00000025	0.000593	0.00485	0.0000035
	17	85.1	2.96	0.89	0.0769	1.85	0.819	0.03	0.00558	0.000005	0.0241	0.00000025	0.000593	0.0049	0.0000035
	18	84.5	2.96	0.89	0.0769	1.85	0.819	0.03	0.0056	0.000005	0.0241	0.00000025	0.000593	0.00494	0.0000035
West Stockpile															
	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4	12	5.96	1.26	0.00184	0.456	0.00322	0.03	0.00106	0.000005	0.0238	0.00000025	0.000313	0.301	0.0000035
	5	40.5	20.5	4.43	0.0063	1.56	0.011	0.03	0.00373	0.000005	0.024	0.00000025	0.00106	0.0972	0.0000035
	6	63.1	32	7.06	0.00987	2.44	0.0173	0.03	0.00595	0.000005	0.0241	0.00000025	0.00162	0.0663	0.0000035
	7	74.2	37.7	8.27	0.0111	2.75	0.0195	0.03	0.00697	0.000005	0.0242	0.00000025	0.00193	0.058	0.0000035
	8	60	30.5	6.76	0.0141	3.49	0.0247	0.03	0.00569	0.000005	0.0241	0.00000025	0.00154	0.0692	0.0000035
	9	96.9	49.2	11	0.018	4.44	0.0314	0.03	0.0093	0.000005	0.0243	0.00000025	0.00248	0.0468	0.0000035
	10	58.3	29.6	6.68	0.0198	4.9	0.0347	0.03	0.00563	0.000005	0.0241	0.00000025	0.00149	0.0709	0.0000035
	11	53.9	27.4	6.19	0.0216	5.33	0.0377	0.03	0.00523	0.000005	0.0241	0.00000025	0.00139	0.0758	0.0000035
	12	48.6	24.7	5.6	0.0257	6.35	0.045	0.03	0.00473	0.000005	0.024	0.00000025	0.00125	0.0829	0.0000035
	13	45.9	23.3	5.31	0.0318	7.87	0.0557	0.03	0.00448	0.000005	0.024	0.00000025	0.00117	0.0871	0.0000035
	14	52.9	26.9	6.12	0.0365	9.03	0.0639	0.03	0.00516	0.000005	0.0241	0.00000025	0.00135	0.077	0.0000035
	15	58.9	29.9	6.76	0.0398	9.84	0.0696	0.03	0.0057	0.000005	0.0241	0.00000025	0.00151	0.0703	0.0000035
	16	73.8	37.5	8.48	0.0506	12.5	0.0886	0.03	0.00716	0.000005	0.0242	0.00000025	0.0019	0.0583	0.0000035
	17	81	41.2	9.27	0.0554	13.7	0.0969	0.03	0.00782	0.000005	0.0242	0.00000025	0.00209	0.054	0.0000035
	18	90.3	45.9	10.2	0.0618	15.3	0.108	0.03	0.00864	0.000005	0.0243	0.00000025	0.00233	0.0495	0.0000035
	19	104	52.7	11.7	0.0709	17.5	0.124	0.03	0.00984	0.000005	0.0243	0.00000025	0.0027	0.0444	0.0000035
	20	111	56.6	12.5	0.0762	18.8	0.133	0.03	0.0105	0.000005	0.0244	0.00000025	0.00293	0.042	0.0000035
	21	116	59	13	0.0788	19.5	0.138	0.03	0.011	0.000005	0.0244	0.00000025	0.00305	0.0407	0.0000035
	22	116	58.8	12.9	0.075	18.5	0.131	0.03	0.0109	0.000005	0.0244	0.00000025	0.00305	0.0408	0.0000035
	23	110	56.1	12.3	0.0717	17.7	0.125	0.03	0.0104	0.000005	0.0244	0.00000025	0.00291	0.0423	0.0000035
	24	106	53.8	11.8	0.0695	17.2	0.122	0.03	0.00997	0.000005	0.0244	0.00000025	0.0028	0.0437	0.0000035
	25	103	52.3	11.5	0.0697	17.2	0.122	0.03	0.00967	0.000005	0.0243	0.00000025	0.00274	0.0446	0.0000035
	26	103	52.1	11.4	0.0702	17.4	0.123	0.03	0.00963	0.000005	0.0243	0.00000025	0.00275	0.0448	0.0000035
	27	106	53.7	11.8	0.0731	18.1	0.128	0.03	0.00992	0.000005	0.0244	0.00000025	0.00284	0.0438	0.0000035
	28	109	55.5	12.2	0.0755	18.7	0.132	0.03	0.0103	0.000005	0.0244	0.00000025	0.00296	0.0426	0.0000035
	29	117	59.6	13.1	0.081	20	0.142	0.03	0.011	0.000005	0.0244	0.00000025	0.00318	0.0404	0.0000035
	30	122	62.2	13.7	0.0821	20.3	0.144	0.03	0.0115	0.000005	0.0244	0.00000025	0.0033	0.0392	0.0000035
	31	119	60.5	13.3	0.0747	18.5	0.131	0.03	0.0112	0.000005	0.0244	0.00000025	0.00322	0.04	0.0000035
	32	108	55.1	12.1	0.0673	16.6	0.118	0.03	0.0102	0.000005	0.0244	0.00000025	0.00292	0.0429	0.0000035
	33	97.6	49.6	10.9	0.0599	14.8	0.105	0.03	0.00921	0.000005	0.0243	0.00000025	0.00263	0.0465	0.0000035
	34	86.9	44.1	9.71	0.0525	13	0.0918	0.03	0.00819	0.000005	0.0243	0.00000025	0.00234	0.051	0.0000035
	35	76.1	38.7	8.51	0.045	11.1	0.0788	0.03	0.00718	0.000005	0.0242	0.00000025	0.00205	0.0568	0.0000035
	36	65.4	33.2	7.31	0.0376	9.3	0.0658	0.03	0.00616	0.000005	0.0241	0.00000025	0.00176	0.0644	0.0000035
	37	54.6	27.7	6.1	0.0302	7.47	0.0529	0.03	0.00515	0.000005	0.0241	0.00000025	0.00147	0.0749	0.0000035
	38	43.9	22.3	4.9	0.0228	5.64	0.0399	0.03	0.00413	0.000005	0.024	0.00000025	0.00118	0.0906	0.0000035
	39	45.2	22.9	5.04	0.0154	3.8	0.0269	0.03	0.00425	0.000005	0.024	0.00000025	0.00122	0.0883	0.0000035

	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	40	54.1	27.5	6.05	0.00796	1.97	0.0139	0.03	0.0051	0.000005	0.0241	0.00000025	0.00146	0.0755	0.0000035
	41	52.3	26.6	5.85	0.000548	0.135	0.000958	0.03	0.00493	0.000005	0.0241	0.00000025	0.00141	0.0777	0.0000035
	42	3.66	1.82	0.402	0.000548	0.135	0.000958	0.03	0.000339	0.000005	0.0237	0.00000025	0.000097	0.0994	0.0000035
	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Stockpile															
	1	27.9	14.1	3.17	0.0239	3.37	0.0239	0.03	0.00268	0.000005	0.0239	0.00000025	0.000744	0.136	0.0000035
	2	23.9	12.1	2.59	0.0205	2.89	0.0205	0.03	0.00218	0.000005	0.0239	0.00000025	0.000657	0.157	0.0000035
	3	32.8	16.6	3.51	0.0406	5.73	0.0406	0.03	0.00295	0.000005	0.024	0.00000025	0.000876	0.117	0.0000035
	4	50.8	25.7	5.43	0.0621	8.78	0.0621	0.03	0.00456	0.000005	0.0241	0.00000025	0.00134	0.0797	0.0000035
	5	60.9	30.9	6.67	0.0752	10.6	0.0752	0.03	0.00562	0.000005	0.0241	0.00000025	0.0016	0.0683	0.0000035
	6	69	35	7.72	0.0855	12.1	0.0855	0.03	0.00651	0.000005	0.0242	0.00000025	0.00178	0.0616	0.0000035
	7	72.8	37	8.12	0.0864	12.2	0.0864	0.03	0.00685	0.000005	0.0242	0.00000025	0.0019	0.0589	0.0000035
	8	76.6	38.9	8.63	0.0949	13.4	0.0949	0.03	0.00728	0.000005	0.0242	0.00000025	0.00197	0.0565	0.0000035
	9	86	43.7	9.8	0.106	15	0.106	0.03	0.00826	0.000005	0.0243	0.00000025	0.0022	0.0514	0.0000035
	10	91.7	46.6	10.5	0.111	15.6	0.111	0.03	0.00887	0.000005	0.0243	0.00000025	0.00235	0.0489	0.0000035
	11	98	49.8	11.3	0.112	15.8	0.112	0.03	0.00951	0.000005	0.0243	0.00000025	0.00253	0.0464	0.0000035
	12	102	51.7	11.7	0.124	17.6	0.124	0.03	0.00991	0.000005	0.0243	0.00000025	0.00262	0.0451	0.0000035
	13	117	59.6	13.6	0.142	20.1	0.142	0.03	0.0114	0.000005	0.0244	0.00000025	0.00299	0.0405	0.0000035
	14	129	65.6	14.9	0.156	22	0.156	0.03	0.0126	0.000005	0.0245	0.00000025	0.00328	0.0377	0.0000035
	15	139	70.7	16	0.165	23.2	0.165	0.03	0.0135	0.000005	0.0245	0.00000025	0.00358	0.0356	0.0000035
	16	141	71.7	16.2	0.169	23.9	0.169	0.03	0.0137	0.000005	0.0245	0.00000025	0.00363	0.0353	0.0000035
	17	146	74.3	16.7	0.175	24.7	0.175	0.03	0.0141	0.000005	0.0245	0.00000025	0.00376	0.0344	0.0000035
	18	146	74.1	16.5	0.175	24.7	0.175	0.03	0.014	0.000005	0.0245	0.00000025	0.00377	0.0344	0.0000035
	19	146	74.1	16.4	0.175	24.7	0.175	0.03	0.0139	0.000005	0.0245	0.00000025	0.00381	0.0344	0.0000035
	20	147	74.5	16.4	0.175	24.8	0.175	0.03	0.0138	0.000005	0.0245	0.00000025	0.00385	0.0343	0.0000035
	21	147	74.6	16.4	0.174	24.6	0.174	0.03	0.0138	0.000005	0.0245	0.00000025	0.00386	0.0343	0.0000035
	22	147	74.5	16.4	0.166	23.5	0.166	0.03	0.0138	0.000005	0.0245	0.00000025	0.00386	0.0343	0.0000035
	23	140	71.3	15.7	0.16	22.5	0.16	0.03	0.0132	0.000005	0.0245	0.00000025	0.0037	0.0354	0.0000035
	24	135	68.8	15.1	0.156	22	0.156	0.03	0.0127	0.000005	0.0245	0.00000025	0.00358	0.0363	0.0000035
	25	133	67.4	14.8	0.157	22.2	0.157	0.03	0.0125	0.000005	0.0245	0.00000025	0.00352	0.0369	0.0000035
	26	133	67.5	14.8	0.159	22.5	0.159	0.03	0.0125	0.000005	0.0245	0.00000025	0.00356	0.0368	0.0000035
	27	138	70.3	15.4	0.167	23.7	0.167	0.03	0.013	0.000005	0.0245	0.00000025	0.00373	0.0357	0.0000035
	28	145	73.4	16.1	0.175	24.7	0.175	0.03	0.0136	0.000005	0.0245	0.00000025	0.00391	0.0346	0.0000035
	29	145	73.5	16.1	0.175	24.7	0.175	0.03	0.0136	0.000005	0.0245	0.00000025	0.00393	0.0346	0.0000035
	30	145	73.6	16.2	0.17	24	0.17	0.03	0.0137	0.000005	0.0245	0.00000025	0.00391	0.0346	0.0000035
	31	141	71.6	15.8	0.155	21.9	0.155	0.03	0.0133	0.000005	0.0245	0.00000025	0.00381	0.0353	0.0000035
	32	128	65.2	14.4	0.139	19.7	0.139	0.03	0.0121	0.000005	0.0245	0.00000025	0.00346	0.0378	0.0000035
	33	116	58.7	12.9	0.124	17.5	0.124	0.03	0.0109	0.000005	0.0244	0.00000025	0.00312	0.0409	0.0000035
	34	103	52.2	11.5	0.109	15.4	0.109	0.03	0.0097	0.000005	0.0243	0.00000025	0.00278	0.0447	0.0000035
	35	90.1	45.8	10.1	0.0933	13.2	0.0933	0.03	0.0085	0.000005	0.0243	0.00000025	0.00243	0.0496	0.0000035
	36	77.4	39.3	8.65	0.078	11	0.078	0.03	0.0073	0.000005	0.0242	0.00000025	0.00209	0.056	0.0000035
	37	64.7	32.8	7.23	0.0626	8.84	0.0626	0.03	0.0061	0.000005	0.0241	0.00000025	0.00174	0.065	0.0000035
	38	51.9	26.4	5.8	0.0472	6.67	0.0472	0.03	0.00489	0.000005	0.0241	0.00000025	0.0014	0.0783	0.0000035
	39	69	35	7.71	0.0319	4.5	0.0319	0.03	0.0065	0.000005	0.0242	0.00000025	0.00186	0.0616	0.0000035
	40	111	56.4	12.4	0.0165	2.33	0.0165	0.03	0.0105	0.000005	0.0244	0.00000025	0.003	0.0421	0.0000035
	41	57.5	29.2	6.43	0.00113	0.16	0.00113	0.03	0.00542	0.000005	0.0241	0.00000025	0.00155	0.0717	0.0000035
	42	4.03	2	0.442	0.00113	0.16	0.00113	0.03	0.000373	0.000005	0.0238	0.00000025	0.000107	0.109	0.0000035
	43	-	-	-	-		-	-	-	-	-	-	-	-	-

	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Impoundment															
	1	18.8	9.32	0.674	0.000342	0.0484	0.000342	0.03	0.0006	0.000005	0.0238	0.00000025	0.00238	0.0545	0.0000035
	2	28.5	14.1	0.987	0.000418	0.059	0.000418	0.03	0.0006	0.000005	0.0239	0.00000025	0.00365	0.0717	0.0000035
	3	38	18.8	1.27	0.000429	0.0606	0.000429	0.03	0.0006	0.000005	0.0239	0.00000025	0.00484	0.0823	0.0000035
	4	35.7	17.6	1.16	0.000499	0.0706	0.000499	0.03	0.0006	0.000005	0.0239	0.00000025	0.00442	0.0673	0.0000035
	5	30	14.8	0.967	0.00561	0.793	0.00561	0.03	0.0006	0.000005	0.0239	0.00000025	0.00366	0.0529	0.0000035
	6	29.1	14.4	0.927	0.0128	1.82	0.0128	0.03	0.0006	0.000005	0.0239	0.00000025	0.00351	0.0476	0.0000035
	7	39.4	19.5	1.25	0.024	3.39	0.024	0.03	0.0006	0.000005	0.024	0.00000025	0.00464	0.0649	0.0000035
	8	49.9	24.7	1.61	0.0355	5.01	0.0355	0.03	0.0006	0.000005	0.024	0.00000025	0.00576	0.0794	0.0000035
	9	60.2	29.8	1.95	0.0468	6.61	0.0468	0.03	0.0006	0.000005	0.0241	0.00000025	0.00687	0.0675	0.0000035
	10	71.4	35.3	2.3	0.059	8.33	0.059	0.03	0.0006	0.000005	0.0241	0.00000025	0.00811	0.0585	0.0000035
	11	79.7	39.5	2.63	0.0681	9.62	0.0681	0.03	0.0006	0.000005	0.0242	0.00000025	0.00901	0.0535	0.0000035
	12	89.1	44.1	3.01	0.0786	11.1	0.0786	0.03	0.0006	0.000005	0.0242	0.00000025	0.00996	0.0489	0.0000035
	13	98.9	49	3.34	0.0895	12.6	0.0895	0.03	0.0006	0.000005	0.0243	0.00000025	0.011	0.045	0.0000035
	14	108	53.5	3.67	0.0997	14.1	0.0997	0.03	0.0006	0.000005	0.0243	0.00000025	0.012	0.042	0.0000035
	15	118	58.6	4	0.111	15.7	0.111	0.03	0.0006	0.000005	0.0244	0.00000025	0.0132	0.0392	0.0000035
	16	127	63	4.33	0.121	17.2	0.121	0.03	0.0006	0.000005	0.0244	0.00000025	0.0141	0.0371	0.0000035
	17	137	67.8	4.68	0.132	18.7	0.132	0.03	0.0006	0.000005	0.0245	0.00000025	0.0152	0.0352	0.0000035
	18	146	72.3	4.98	0.143	20.2	0.143	0.03	0.0006	0.000005	0.0245	0.00000025	0.0162	0.0335	0.0000035
	19	154	76.4	5.24	0.152	21.5	0.152	0.03	0.0006	0.000005	0.0245	0.00000025	0.0172	0.0322	0.0000035
	20	165	81.5	5.59	0.164	23.1	0.164	0.03	0.0006	0.000005	0.0246	0.00000025	0.0184	0.0308	0.0000035
	21	176	86.9	5.97	0.176	24.9	0.176	0.03	0.0006	0.000005	0.0246	0.00000025	0.0196	0.0294	0.0000035
	22	187	92.8	6.41	0.19	26.8	0.19	0.03	0.0006	0.000005	0.0247	0.00000025	0.0208	0.0281	0.0000035
	23	199	98.7	6.83	0.204	28.8	0.204	0.03	0.0006	0.000005	0.0247	0.00000025	0.0221	0.0269	0.0000035
	24	211	105	7.25	0.217	30.7	0.217	0.03	0.0006	0.000005	0.0247	0.00000025	0.0234	0.0259	0.0000035
	25	224	111	7.68	0.231	32.6	0.231	0.03	0.0006	0.000005	0.0248	0.00000025	0.0249	0.025	0.0000035
	26	232	115	7.97	0.241	34	0.241	0.03	0.0006	0.000005	0.0248	0.00000025	0.0259	0.0244	0.0000035
	27	237	117	8.15	0.247	34.9	0.247	0.03	0.0006	0.000005	0.0248	0.00000025	0.0267	0.024	0.0000035
	28	241	119	8.28	0.251	35.4	0.251	0.03	0.0006	0.000005	0.0249	0.00000025	0.0272	0.0238	0.0000035
	29	244	121	8.37	0.254	35.9	0.254	0.03	0.0006	0.000005	0.0249	0.00000025	0.0276	0.0236	0.0000035
	30	244	121	8.4	0.246	34.8	0.246	0.03	0.0006	0.000005	0.0249	0.00000025	0.0277	0.0236	0.0000035
Pit Wall															
	1	1.45	0.716	0.0518	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000183	0.00419	0.0000035
	2	1.45	0.716	0.0501	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000186	0.00364	0.0000035
	3	1.45	0.716	0.0486	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000185	0.00314	0.0000035
	4	1.45	0.716	0.0473	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.00018	0.00273	0.0000035
	5	1.45	0.715	0.0467	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000177	0.00256	0.0000035
	6	1.45	0.715	0.0461	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000175	0.00237	0.0000035
	7	1.45	0.715	0.0461	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000171	0.00238	0.0000035
	8	1.45	0.715	0.0466	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000167	0.00257	0.0000035
	9	1.45	0.715	0.0468	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000165	0.00264	0.0000035
	10	1.45	0.715	0.0466	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00257	0.0000035
	11	1.45	0.715	0.0477	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000163	0.00292	0.0000035
	12	1.45	0.715	0.0488	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000161	0.00329	0.0000035
	13	1.45	0.715	0.0488	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000161	0.00329	0.0000035
	14	1.45	0.715	0.049	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.00016	0.00335	0.0000035
	15	1.45	0.715	0.0488	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000161	0.00329	0.0000035
	16	1.45	0.715	0.0491	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.00016	0.0034	0.0000035
	17	1.45	0.715	0.0493	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.00016	0.00346	0.0000035
	18	1.45	0.715	0.0492	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.00016	0.0034	0.0000035
	19	1.45	0.715	0.049	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000161	0.00334	0.0000035
	20	1.45	0.715	0.049	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000161	0.00336	0.0000035
	21	1.45	0.715	0.0491	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000161	0.00338	0.0000035

	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	22	1.45	0.715	0.0494	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000161	0.00348	0.0000035
	23	1.45	0.715	0.0494	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.00016	0.00349	0.0000035
	24	1.45	0.715	0.0495	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.00016	0.00353	0.0000035
	25	1.45	0.715	0.0496	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000161	0.00355	0.0000035
	26	1.45	0.715	0.0496	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000161	0.00354	0.0000035
	27	1.45	0.715	0.0496	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000162	0.00354	0.0000035
	28	1.45	0.715	0.0496	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000163	0.00354	0.0000035
	29	1.45	0.715	0.0496	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	30	1.45	0.715	0.0496	0.01	5.6	0.3	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	31	1.45	0.715	0.0496	0.01	5.04	0.27	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	32	1.45	0.715	0.0496	0.01	4.54	0.243	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	33	1.45	0.715	0.0496	0.01	4.08	0.219	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	34	1.45	0.715	0.0496	0.01	3.67	0.197	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	35	1.45	0.715	0.0496	0.01	3.31	0.177	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	36	1.45	0.715	0.0496	0.01	2.98	0.159	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	37	1.45	0.715	0.0496	0.01	2.68	0.143	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	38	1.45	0.715	0.0496	0.01	2.41	0.129	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	39	1.45	0.715	0.0496	0.01	2.17	0.116	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	40	1.45	0.715	0.0496	0.01	1.95	0.105	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	41	1.45	0.715	0.0496	0.01	1.76	0.0941	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	42	1.45	0.715	0.0496	0.01	1.58	0.0847	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	43	1.45	0.715	0.0496	0.01	1.42	0.0763	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
	44-Closure	1.45	0.715	0.0496	0	0	0	0.03	0.0006	0.000005	0.023	0.00000025	0.000164	0.00354	0.0000035
Impoundment Seepage - Reclaimed Areas															
	all	326	0.715	11.2	0.1	4.91	0.06	0.03	0.0006	0.000005	0.0248	0.00000025	0.037	0.0167	0.0000035
Process Area															
	all	4.75	3.42	0.14	0.0003	0.0484	0.0003	0.03	0.0006	0.000005	0.0237	0.00000025	0.000753	0.00359	0.0000035
TMF Runoff - Reclaimed Areas															
	all	11.2	3.5	0.089	-	-	-	0.03	0.000563	0.000005	0.0998	0.00000025	0.000826	0.000502	0.0000035
Process Water															
	all	282	282	1.5	0.217	5.2	2.28	0.03	0.0032	0.000005	0.0253	0.00000025	0.00112	0.00872	0.0000035
Baseline Water Quality															
Surface Runoff	all	2.8	3.2	-	-	-	0.0507	-	-	0.00000851	0.076	-	0.000767	-	-
Bedrock Ground Water	all	2.15	0.715	0.05	0.0125	0.1	1.15	0.064	-	0.000005	0.00315	0.00000025	0.00122	0.0365	0.0000035
Overburden Ground Water	all	0.5	1.9	0.05	0.04	0.1	0.94	0.099	-	0.000005	0.0032	0.00000025	0.00175	0.0697	0.0000035
Groundwater to Pit															
	-1	1.7	1.02	0.05	0.0197	0.1	1.1	0.0731	-	0.000005	0.00316	0.0000375	0.00135	0.0451	0.000145
	15	144	131	1.79	0.121	5.71	1.52	0.0589	0.00179	0.000005	0.0149	0.0000292	0.00338	0.024	0.0000172
	30	67.9	28.2	1.94	0.0448	1.84	1.09	0.0592	0.000789	0.000005	0.00828	0.0000176	0.0053	0.0323	0.0000238
	Post-Closure	130	71	2.45	0.0947	2.24	1.11	0.0768	0.0009	0.000005	0.0126	0.0000694	0.00804	0.0449	0.000287

	Mine Year	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Lead
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TMF Runoff																	
	1	0.141	0.000005	1.59	0.0000089	0.000308	0.0000945	0.000593	0.00206	0.378	0.000297	48.8	0.00419	0.00293	0.408	0.00479	0.000267
	2	0.139	0.000005	1.54	0.0000089	0.000312	0.0000945	0.000593	0.00206	0.363	0.000297	49.1	0.00413	0.00291	0.405	0.00481	0.000267
	3	0.138	0.000005	1.52	0.0000089	0.000314	0.0000945	0.000593	0.00206	0.357	0.000297	49.2	0.00411	0.00291	0.404	0.00482	0.000267
	4	0.136	0.000005	1.47	0.0000089	0.000318	0.0000946	0.000593	0.00206	0.342	0.000297	49.6	0.00405	0.00289	0.4	0.00484	0.000267
	5	0.134	0.000005	1.42	0.0000089	0.000322	0.0000946	0.000593	0.00206	0.328	0.000297	49.9	0.00399	0.00287	0.397	0.00487	0.000267
	6	0.135	0.000005	1.43	0.0000089	0.000321	0.0000946	0.000593	0.00206	0.333	0.000297	49.8	0.00401	0.00288	0.398	0.00486	0.000267
	7	0.134	0.000005	1.4	0.0000089	0.000323	0.0000946	0.000593	0.00206	0.324	0.000297	50	0.00397	0.00286	0.396	0.00487	0.000267
	8	0.132	0.000005	1.35	0.0000089	0.000327	0.0000946	0.000593	0.00206	0.31	0.000297	50.4	0.00392	0.00284	0.393	0.0049	0.000267
	9	0.131	0.000005	1.32	0.0000089	0.00033	0.0000946	0.000593	0.00206	0.301	0.000297	50.6	0.00388	0.00283	0.391	0.00491	0.000267
	10	0.13	0.000005	1.31	0.0000089	0.000331	0.0000946	0.000593	0.00206	0.298	0.000297	50.7	0.00387	0.00283	0.39	0.00492	0.000267
	11	0.129	0.000005	1.29	0.0000089	0.000333	0.0000946	0.000593	0.00206	0.292	0.000297	50.8	0.00384	0.00282	0.389	0.00493	0.000267
	12	0.129	0.000005	1.27	0.0000089	0.000334	0.0000946	0.000593	0.00206	0.286	0.000297	51	0.00382	0.00281	0.388	0.00494	0.000267
	13	0.128	0.000005	1.26	0.0000089	0.000335	0.0000946	0.000593	0.00206	0.284	0.000297	51	0.00381	0.00281	0.387	0.00494	0.000267
	14	0.129	0.000005	1.28	0.0000089	0.000334	0.0000946	0.000593	0.00206	0.288	0.000297	50.9	0.00383	0.00282	0.388	0.00493	0.000267
	15	0.128	0.000005	1.26	0.0000089	0.000335	0.0000946	0.000593	0.00206	0.285	0.000297	51	0.00381	0.00281	0.387	0.00494	0.000267
	16	0.129	0.000005	1.27	0.0000089	0.000334	0.0000946	0.000593	0.00206	0.287	0.000297	50.9	0.00382	0.00281	0.388	0.00493	0.000267
	17	0.13	0.000005	1.3	0.0000089	0.000332	0.0000946	0.000593	0.00206	0.295	0.000297	50.8	0.00385	0.00282	0.39	0.00492	0.000267
	18	0.131	0.000005	1.32	0.0000089	0.00033	0.0000946	0.000593	0.00206	0.301	0.000297	50.6	0.00388	0.00283	0.391	0.00491	0.000267
West Stockpile																	
	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4	0.000109	0.000005	1.03	0.00000359	0.0000597	0.0000937	0.000659	0.00205	0.119	0.000124	33.8	0.0014	0.000445	0.0915	0.00153	0.000106
	5	0.000354	0.000005	1.36	0.0000123	0.000205	0.0000943	0.00227	0.00206	0.154	0.000425	46.4	0.00475	0.00153	0.121	0.00528	0.000364
	6	0.000499	0.000005	1.6	0.0000192	0.000321	0.0000948	0.00357	0.00206	0.179	0.000662	56.5	0.00733	0.0024	0.143	0.00829	0.000568
	7	0.000613	0.000005	1.75	0.0000226	0.000378	0.000095	0.00419	0.00206	0.197	0.00078	61.4	0.00867	0.00282	0.157	0.00973	0.000668
	8	0.000459	0.000005	1.55	0.0000183	0.000306	0.0000947	0.0034	0.00206	0.172	0.000631	55.1	0.00696	0.00228	0.139	0.00789	0.00054
	9	0.000735	0.000005	1.97	0.0000295	0.000495	0.0000954	0.00551	0.00207	0.217	0.00102	71.5	0.0112	0.00369	0.175	0.0128	0.000873
	10	0.000452	0.000005	1.49	0.0000178	0.000298	0.0000947	0.00332	0.00206	0.162	0.000611	54.4	0.00669	0.00222	0.132	0.00771	0.000525
	11	0.000429	0.000005	1.43	0.0000164	0.000276	0.0000946	0.00307	0.00206	0.155	0.000566	52.5	0.00619	0.00206	0.127	0.00713	0.000485
	12	0.000376	0.000005	1.36	0.0000148	0.000248	0.0000945	0.00277	0.00206	0.148	0.000511	50.1	0.00559	0.00186	0.122	0.00643	0.000437
	13	0.000338	0.000005	1.32	0.000014	0.000235	0.0000945	0.00262	0.00206	0.144	0.000483	49	0.00528	0.00176	0.119	0.00608	0.000414
	14	0.000384	0.000005	1.41	0.0000161	0.000271	0.0000946	0.00302	0.00206	0.153	0.000556	52.1	0.00607	0.00202	0.125	0.00701	0.000477
	15	0.000459	0.000005	1.49	0.0000179	0.000301	0.0000947	0.00336	0.00206	0.163	0.000619	54.7	0.00678	0.00225	0.133	0.00778	0.00053
	16	0.000579	0.000005	1.67	0.0000225	0.000377	0.000095	0.00421	0.00206	0.182	0.000776	61.3	0.00849	0.00282	0.149	0.00976	0.000665
	17	0.000635	0.000005	1.77	0.0000247	0.000414	0.0000951	0.00461	0.00207	0.194	0.000852	64.5	0.00935	0.00309	0.158	0.0107	0.00073
	18	0.000715	0.000005	1.91	0.0000275	0.000461	0.0000953	0.00513	0.00207	0.211	0.00095	68.6	0.0105	0.00345	0.171	0.0119	0.000814
	19	0.000859	0.000005	2.1	0.0000316	0.000528	0.0000956	0.00588	0.00207	0.234	0.00109	74.4	0.0121	0.00395	0.189	0.0136	0.000934
	20	0.000957	0.000005	2.22	0.000034	0.000568	0.0000957	0.00631	0.00207	0.248	0.00117	77.9	0.0131	0.00425	0.199	0.0146	0.001
	21	0.000999	0.000005	2.28	0.0000354	0.000592	0.0000958	0.00658	0.00207	0.255	0.00122	80	0.0136	0.00443	0.205	0.0152	0.00105
	22	0.001	0.000005	2.28	0.0000353	0.00059	0.0000958	0.00656	0.00207	0.255	0.00122	79.8	0.0136	0.00441	0.205	0.0152	0.00104
	23	0.000966	0.000005	2.21	0.0000336	0.000562	0.0000957	0.00625	0.00207	0.248	0.00116	77.4	0.013	0.0042	0.199	0.0145	0.000995
	24	0.000938	0.000005	2.16	0.0000323	0.000539	0.0000956	0.00599	0.00207	0.241	0.00112	75.4	0.0124	0.00403	0.194	0.0139	0.000955
	25	0.00094	0.000005	2.13	0.0000314	0.000524	0.0000955	0.00583	0.00207	0.238	0.00108	74.1	0.0121	0.00392	0.191	0.0135	0.000928
	26	0.000968	0.000005	2.14	0.0000313	0.000522	0.0000955	0.00581	0.00207	0.239	0.00108	74	0.0121	0.00391	0.192	0.0134	0.000925
	27	0.00102	0.000005	2.18	0.0000322	0.000538	0.0000956	0.00598	0.00207	0.243	0.00111	75.3	0.0125	0.00402	0.196	0.0138	0.000952
	28	0.00109	0.000005	2.23	0.0000333	0.000556	0.0000957	0.00619	0.00207	0.248	0.00115	76.9	0.0129	0.00416	0.2	0.0143	0.000985
	29	0.00119	0.000005	2.33	0.0000358	0.000598	0.0000958	0.00665	0.00207	0.259	0.00124	80.5	0.0139	0.00447	0.209	0.0154	0.00106
	30	0.00121	0.000005	2.37	0.0000373	0.000623	0.0000959	0.00693	0.00207	0.263	0.00129	82.7	0.0144	0.00466	0.212	0.016	0.0011
	31	0.00118	0.000005	2.33	0.0000363	0.000607	0.0000958	0.00675	0.00207	0.259	0.00125	81.3	0.014	0.00454	0.209	0.0156	0.00107
	32	0.00107	0.000005	2.2	0.000033	0.000552	0.0000956	0.00614	0.00207	0.244	0.00114	76.5	0.0128	0.00413	0.196	0.0142	0.000977
	33	0.000968	0.000005	2.06	0.0000297	0.000497	0.0000954	0.00553	0.00207	0.229	0.00103	71.7	0.0115	0.00372	0.184	0.0128	0.00088
	34	0.000861	0.000005	1.92	0.0000265	0.000442	0.0000953	0.00492	0.00207	0.213	0.000915	67	0.0102	0.00331	0.172	0.0114	0.000783
	35	0.000755	0.000005	1.79	0.0000232	0.000388	0.000095	0.00431	0.00206	0.198	0.000801	62.2	0.00897	0.0029	0.16	0.00998	0.000686
	36	0.000648	0.000005	1.65	0.0000199	0.000333	0.0000948	0.0037	0.00206	0.183	0.000688	57.5	0.0077	0.00249	0.147	0.00857	0.000589
	37	0.000541	0.000005	1.51	0.0000166	0.000278	0.0000946	0.00309	0.00206	0.168	0.000575	52.7	0.00643	0.00208	0.135	0.00715	0.000492
	38	0.000435	0.000005	1.38	0.0000133	0.000223	0.0000944	0.00248	0.00206	0.153	0.000462	48	0.00516	0.00167	0.123	0.00574	0.000395
	39	0.000447	0.000005	1.39	0.0000137	0.00023	0.0000944	0.00255	0.00206	0.155	0.000475	48.5	0.00531	0.00172	0.125	0.00591	0.000406

	Mine Year	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Lead
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	40	0.000536	0.000005	1.51	0.0000165	0.000275	0.0000946	0.00306	0.00206	0.167	0.00057	52.5	0.00637	0.00206	0.135	0.00709	0.000487
	41	0.000519	0.000005	1.48	0.0000159	0.000266	0.0000946	0.00296	0.00206	0.165	0.000551	51.7	0.00616	0.00199	0.133	0.00685	0.000471
	42	0.0000356	0.000005	0.866	0.00000109	0.0000183	0.0000935	0.000204	0.00205	0.0962	0.0000378	30.2	0.000423	0.000137	0.0775	0.000471	0.0000324
	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Stockpile																	
	1	0.000273	0.000005	1.14	0.00000847	0.000142	0.0000941	0.00158	0.00205	0.123	0.000292	40.9	0.00322	0.00106	0.1	0.00367	0.00025
	2	0.000264	0.000005	1.17	0.00000723	0.00012	0.000094	0.00134	0.00205	0.132	0.00025	39.1	0.00284	0.0009	0.105	0.00309	0.000214
	3	0.000318	0.000005	1.31	0.00000996	0.000166	0.0000942	0.00183	0.00206	0.151	0.000344	43	0.00389	0.00123	0.116	0.00425	0.000295
	4	0.000468	0.000005	1.55	0.0000154	0.000257	0.0000945	0.00283	0.00206	0.179	0.000533	50.9	0.00603	0.00191	0.138	0.00658	0.000457
	5	0.000533	0.000005	1.62	0.0000185	0.000309	0.0000948	0.00342	0.00206	0.184	0.000639	55.5	0.00715	0.00231	0.144	0.00795	0.000549
	6	0.000545	0.000005	1.67	0.000021	0.000351	0.0000949	0.0039	0.00206	0.187	0.000724	59.1	0.00801	0.00262	0.149	0.00906	0.000621
	7	0.000602	0.000005	1.74	0.0000222	0.000371	0.000095	0.00412	0.00206	0.195	0.000766	60.8	0.00851	0.00277	0.155	0.00955	0.000656
	8	0.000587	0.000005	1.75	0.0000233	0.000391	0.0000951	0.00434	0.00206	0.195	0.000806	62.5	0.0089	0.00292	0.157	0.0101	0.00069
	9	0.000653	0.000005	1.84	0.0000262	0.00044	0.0000952	0.00489	0.00207	0.202	0.000903	66.7	0.0099	0.00328	0.163	0.0114	0.000775
	10	0.000711	0.000005	1.89	0.000028	0.000469	0.0000953	0.00523	0.00207	0.207	0.000963	69.2	0.0105	0.0035	0.168	0.0121	0.000827
	11	0.000781	0.000005	1.96	0.0000299	0.000502	0.0000955	0.00559	0.00207	0.213	0.00103	72	0.0113	0.00374	0.174	0.013	0.000884
	12	0.000788	0.000005	2	0.000031	0.000521	0.0000955	0.00581	0.00207	0.217	0.00107	73.7	0.0117	0.00389	0.179	0.0135	0.000917
	13	0.000862	0.000005	2.18	0.0000357	0.0006	0.0000958	0.0067	0.00207	0.236	0.00123	80.5	0.0135	0.00449	0.195	0.0155	0.00106
	14	0.000938	0.000005	2.32	0.0000394	0.000661	0.000096	0.00738	0.00207	0.252	0.00136	85.8	0.0148	0.00494	0.207	0.0171	0.00116
	15	0.00109	0.000005	2.46	0.0000424	0.000712	0.0000962	0.00793	0.00207	0.269	0.00146	90.2	0.016	0.00532	0.22	0.0184	0.00125
	16	0.00111	0.000005	2.49	0.000043	0.000722	0.0000962	0.00805	0.00208	0.271	0.00148	91.1	0.0162	0.00539	0.221	0.0187	0.00127
	17	0.00114	0.000005	2.56	0.0000445	0.000747	0.0000963	0.00832	0.00208	0.281	0.00154	93.3	0.0169	0.00558	0.229	0.0193	0.00132
	18	0.00115	0.000005	2.6	0.0000445	0.000745	0.0000963	0.00829	0.00208	0.287	0.00154	93.2	0.0169	0.00557	0.233	0.0192	0.00132
	19	0.00121	0.000005	2.63	0.0000445	0.000744	0.0000963	0.00828	0.00208	0.292	0.00154	93.2	0.017	0.00556	0.236	0.0192	0.00132
	20	0.00126	0.000005	2.66	0.0000447	0.000747	0.0000963	0.0083	0.00208	0.298	0.00154	93.4	0.0172	0.00559	0.239	0.0192	0.00132
	21	0.00126	0.000005	2.67	0.0000447	0.000748	0.0000963	0.00831	0.00208	0.299	0.00155	93.5	0.0172	0.00559	0.24	0.0193	0.00132
	22	0.00127	0.000005	2.67	0.0000447	0.000748	0.0000963	0.0083	0.00208	0.299	0.00155	93.5	0.0172	0.00559	0.24	0.0193	0.00132
	23	0.00123	0.000005	2.59	0.0000428	0.000715	0.0000962	0.00794	0.00207	0.29	0.00148	90.6	0.0165	0.00534	0.233	0.0184	0.00126
	24	0.0012	0.000005	2.53	0.0000413	0.00069	0.0000961	0.00766	0.00207	0.283	0.00143	88.5	0.0159	0.00516	0.227	0.0178	0.00122
	25	0.00121	0.000005	2.51	0.0000404	0.000675	0.0000961	0.0075	0.00207	0.281	0.0014	87.2	0.0156	0.00505	0.225	0.0174	0.0012
	26	0.00125	0.000005	2.52	0.0000405	0.000677	0.0000961	0.00752	0.00207	0.282	0.0014	87.4	0.0157	0.00506	0.227	0.0174	0.0012
	27	0.00134	0.000005	2.6	0.0000422	0.000705	0.0000961	0.00783	0.00207	0.29	0.00146	89.8	0.0164	0.00527	0.234	0.0181	0.00125
	28	0.00144	0.000005	2.68	0.000044	0.000736	0.0000962	0.00818	0.00208	0.299	0.00152	92.5	0.0171	0.0055	0.241	0.0189	0.0013
	29	0.00146	0.000005	2.67	0.0000441	0.000737	0.0000962	0.00819	0.00208	0.298	0.00153	92.6	0.0171	0.00551	0.24	0.0189	0.0013
	30	0.00144	0.000005	2.66	0.0000441	0.000738	0.0000962	0.00821	0.00208	0.295	0.00153	92.6	0.0171	0.00552	0.238	0.019	0.00131
	31	0.0014	0.000005	2.61	0.000043	0.000718	0.0000962	0.00799	0.00208	0.29	0.00149	91	0.0166	0.00537	0.233	0.0185	0.00127
	32	0.00127	0.000005	2.45	0.0000391	0.000654	0.000096	0.00727	0.00207	0.272	0.00135	85.3	0.0151	0.00488	0.219	0.0168	0.00116
	33	0.00115	0.000005	2.29	0.0000352	0.000589	0.0000958	0.00655	0.00207	0.254	0.00122	79.7	0.0136	0.0044	0.204	0.0152	0.00104
	34	0.00102	0.000005	2.13	0.0000313	0.000524	0.0000955	0.00583	0.00207	0.236	0.00108	74.1	0.0121	0.00391	0.19	0.0135	0.000927
	35	0.000894	0.000005	1.96	0.0000274	0.000459	0.0000953	0.0051	0.00207	0.218	0.000949	68.4	0.0106	0.00343	0.176	0.0118	0.000812
	36	0.000767	0.000005	1.8	0.0000236	0.000394	0.0000951	0.00438	0.00206	0.2	0.000815	62.8	0.00911	0.00294	0.161	0.0101	0.000697
	37	0.000641	0.000005	1.64	0.0000197	0.000329	0.0000948	0.00366	0.00206	0.182	0.000681	57.2	0.00761	0.00246	0.147	0.00847	0.000582
	38	0.000515	0.000005	1.48	0.0000158	0.000264	0.0000946	0.00294	0.00206	0.164	0.000546	51.5	0.00611	0.00198	0.132	0.0068	0.000468
	39	0.000684	0.000005	1.7	0.000021	0.000351	0.0000949	0.00391	0.00206	0.188	0.000726	59.1	0.00813	0.00263	0.152	0.00904	0.000621
	40	0.0011	0.000005	2.23	0.0000338	0.000565	0.0000957	0.00629	0.00207	0.247	0.00117	77.7	0.0131	0.00423	0.199	0.0146	0.001
	41	0.00057	0.000005	1.55	0.0000175	0.000293	0.0000947	0.00326	0.00206	0.172	0.000605	54	0.00677	0.00219	0.139	0.00754	0.000518
	42	0.0000392	0.000005	0.871	0.0000012	0.0000201	0.0000935	0.000224	0.00205	0.0967	0.0000416	30.3	0.000465	0.00015	0.0779	0.000518	0.0000356
	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Mine Year	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Lead
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Impoundment																	
	1	0.00133	0.000005	20.2	0.00000563	0.0000707	0.0000938	0.000909	0.00205	3.46	0.000502	21.6	0.0105	0.00128	4.97	0.000651	0.000167
	2	0.00211	0.000005	24.2	0.00000852	0.000107	0.000094	0.00137	0.00205	4.13	0.000758	22.7	0.016	0.00194	5.93	0.000972	0.000252
	3	0.0027	0.000005	28.7	0.0000113	0.000142	0.0000942	0.00182	0.00206	4.94	0.00102	23.3	0.0214	0.00259	7.08	0.00126	0.000336
	4	0.00217	0.000005	30.2	0.0000107	0.000132	0.0000941	0.00169	0.00206	5.29	0.000976	20.9	0.0204	0.00248	7.61	0.00112	0.000315
	5	0.00163	0.000005	29.7	0.00000895	0.000111	0.000094	0.00141	0.00205	5.27	0.000834	18.8	0.0174	0.00212	7.58	0.000899	0.000265
	6	0.00141	0.000005	30.7	0.0000087	0.000107	0.000094	0.00136	0.00205	5.5	0.000822	17.5	0.0171	0.00208	7.94	0.000834	0.000257
	7	0.00159	0.000005	34.2	0.0000118	0.000144	0.0000942	0.00183	0.00206	6.21	0.00113	19.1	0.0234	0.00285	8.99	0.00109	0.000348
	8	0.00174	0.000005	36.6	0.0000149	0.000183	0.0000944	0.00232	0.00206	6.69	0.00144	21.8	0.0297	0.00364	9.68	0.00137	0.000441
	9	0.00191	0.000005	39.4	0.000018	0.000221	0.0000946	0.00279	0.00206	7.24	0.00174	24.1	0.0359	0.00441	10.5	0.00166	0.000533
	10	0.00211	0.000005	43.5	0.0000214	0.000262	0.0000948	0.0033	0.00206	8.03	0.00208	25.7	0.0428	0.00525	11.6	0.00194	0.000632
	11	0.00239	0.000005	43.3	0.0000239	0.000294	0.0000949	0.0037	0.00206	7.98	0.0023	29.5	0.0474	0.00583	11.5	0.00224	0.000706
	12	0.00258	0.000005	43.4	0.0000267	0.000329	0.0000951	0.00414	0.00207	7.98	0.00256	33.7	0.0525	0.00649	11.5	0.0026	0.000789
	13	0.00284	0.000005	45.9	0.0000296	0.000366	0.0000953	0.0046	0.00207	8.45	0.00283	36	0.0581	0.00719	12.2	0.00293	0.000876
	14	0.00316	0.000005	47.8	0.0000324	0.000401	0.0000954	0.00503	0.00207	8.8	0.00308	38.5	0.0632	0.00783	12.7	0.00325	0.000957
	15	0.00362	0.000005	50.9	0.0000354	0.000439	0.0000956	0.00551	0.00207	9.35	0.00336	40.6	0.069	0.00854	13.5	0.00358	0.00105
	16	0.00389	0.000005	52.3	0.0000381	0.000473	0.0000958	0.00592	0.00207	9.59	0.0036	43.4	0.0738	0.00915	13.8	0.00393	0.00113
	17	0.0041	0.000005	54.5	0.000041	0.000509	0.0000959	0.00637	0.00207	10	0.00388	46	0.0795	0.00986	14.4	0.00423	0.00121
	18	0.00448	0.000005	57.4	0.0000437	0.000543	0.0000961	0.0068	0.00207	10.5	0.00414	47.6	0.0849	0.0105	15.2	0.00449	0.00129
	19	0.00483	0.000005	60.4	0.0000462	0.000573	0.0000962	0.00719	0.00208	11.1	0.00438	49	0.0899	0.0111	15.9	0.00472	0.00137
	20	0.00515	0.000005	63	0.0000493	0.000611	0.0000963	0.00766	0.00208	11.6	0.00467	51.3	0.0959	0.0119	16.7	0.00501	0.00146
	21	0.0054	0.000005	65.9	0.0000526	0.000652	0.0000965	0.00818	0.00208	12.1	0.00499	53.9	0.102	0.0127	17.4	0.00533	0.00156
	22	0.00562	0.000005	68.1	0.0000561	0.000696	0.0000967	0.00873	0.00208	12.5	0.00533	57.3	0.109	0.0135	18.1	0.0057	0.00166
	23	0.00581	0.000005	71.3	0.0000597	0.00074	0.0000968	0.00928	0.00208	13.1	0.00568	60	0.116	0.0144	18.9	0.00603	0.00177
	24	0.00607	0.000005	74.3	0.0000633	0.000784	0.000097	0.00984	0.00208	13.7	0.00603	62.9	0.124	0.0153	19.7	0.00639	0.00187
	25	0.00668	0.000005	77.2	0.0000669	0.00083	0.0000972	0.0104	0.00208	14.2	0.00636	66	0.131	0.0162	20.5	0.00679	0.00198
	26	0.00735	0.000005	79.4	0.0000694	0.000861	0.0000973	0.0108	0.00209	14.5	0.00658	68	0.135	0.0167	21	0.00709	0.00205
	27	0.00787	0.000005	80.7	0.000071	0.000882	0.0000974	0.0111	0.00209	14.7	0.00671	69.3	0.138	0.0171	21.3	0.0073	0.0021
	28	0.00839	0.000005	81.5	0.0000721	0.000896	0.0000974	0.0113	0.00209	14.8	0.00679	70.4	0.14	0.0173	21.4	0.00747	0.00213
	29	0.00878	0.000005	82.1	0.0000729	0.000906	0.0000974	0.0114	0.00209	14.9	0.00685	71.1	0.141	0.0174	21.5	0.0076	0.00216
	30	0.00897	0.000005	82.2	0.0000732	0.000909	0.0000974	0.0114	0.00209	14.9	0.00687	71.4	0.141	0.0175	21.5	0.00764	0.00216
Pit Wall																	
	1	0.000103	0.000005	16.4	0.000000433	0.00000543	0.0000912	0.0000699	0.00113	0.563	0.0000386	17.5	0.00081	0.0000986	4.04	0.00005	0.0000128
	2	0.000107	0.000005	17.7	0.000000433	0.00000542	0.0000912	0.0000698	0.00113	0.604	0.0000385	16.6	0.000811	0.0000983	4.34	0.0000494	0.0000128
	3	0.000103	0.000005	19.1	0.000000433	0.0000054	0.0000912	0.0000694	0.00113	0.658	0.0000388	15.5	0.000817	0.000099	4.72	0.0000479	0.0000128
	4	0.0000882	0.000005	20.6	0.000000433	0.00000537	0.0000912	0.0000687	0.00111	0.724	0.0000396	14.3	0.00083	0.000101	5.2	0.0000455	0.0000128
	5	0.0000785	0.000005	21.5	0.000000432	0.00000534	0.0000911	0.0000682	0.0011	0.764	0.0000403	13.6	0.000841	0.000102	5.5	0.0000434	0.0000128
	6	0.0000703	0.000005	22.5	0.000000432	0.00000532	0.0000911	0.0000678	0.00109	0.807	0.0000409	12.8	0.000851	0.000103	5.82	0.0000415	0.0000128
	7	0.0000585	0.000005	22.7	0.000000432	0.0000053	0.0000911	0.0000674	0.00108	0.823	0.0000414	12.7	0.00086	0.000105	5.95	0.00004	0.0000128
	8	0.0000505	0.000005	22	0.000000432	0.0000053	0.0000911	0.0000671	0.00107	0.805	0.0000417	13.1	0.000861	0.000105	5.82	0.0000398	0.0000128
	9	0.0000459	0.000005	21.8	0.000000432	0.0000053	0.0000911	0.000067	0.00107	0.8	0.0000418	13.3	0.000862	0.000106	5.79	0.0000399	0.0000128
	10	0.0000426	0.000005	22.1	0.000000432	0.0000053	0.0000911	0.0000668	0.00106	0.815	0.000042	13	0.000865	0.000106	5.9	0.0000391	0.0000128
	11	0.0000433	0.000005	20.7	0.000000432	0.00000532	0.0000911	0.000067	0.00106	0.762	0.0000417	14.1	0.000858	0.000106	5.51	0.0000406	0.0000128
	12	0.0000417	0.000005	19.4	0.000000432	0.00000534	0.0000912	0.0000671	0.00106	0.715	0.0000415	15.1	0.000851	0.000105	5.17	0.0000421	0.0000128
	13	0.0000414	0.000005	19.3	0.000000432	0.00000534	0.0000912	0.0000671	0.00106	0.711	0.0000413	15.2	0.000848	0.000105	5.14	0.0000427	0.0000128
	14	0.0000422	0.000005	19.1	0.000000432	0.00000535	0.0000912	0.0000671	0.00106	0.701	0.0000412	15.4	0.000844	0.000105	5.06	0.0000434	0.0000128
	15	0.0000442	0.000005	19.2	0.000000432	0.00000535	0.0000912	0.0000672	0.00106	0.704	0.000041	15.3	0.000843	0.000104	5.07	0.0000437	0.0000128
	16	0.0000441	0.000005	18.8	0.000000432	0.00000537	0.0000912	0.0000672	0.00106	0.689	0.0000409	15.6	0.000838	0.000104	4.96	0.0000446	0.0000128
	17	0.0000432	0.000005	18.6	0.000000432	0.00000537	0.0000912	0.0000672	0.00106	0.684	0.0000409	15.7	0.000838	0.000104	4.92	0.0000446	0.0000128
	18	0.0000443	0.000005	18.8	0.000000432	0.00000536	0.0000912	0.0000672	0.00106	0.689	0.0000409	15.6	0.000839	0.000104	4.96	0.0000444	0.0000128
	19	0.0000451	0.000005	19	0.000000432	0.00000536	0.0000912	0.0000672	0.00106	0.697	0.0000409	15.4	0.00084	0.000104	5.02	0.0000441	0.0000128
	20	0.0000452	0.000005	19	0.000000432	0.00000536	0.0000912	0.0000673	0.00107	0.695	0.000041	15.4	0.000841	0.000104	5.01	0.000044	0.0000128
	21	0.0000444	0.000005	18.9	0.000000432	0.00000536	0.0000912	0.0000672	0.00106	0.694	0.000041	15.5	0.000842	0.000104	5.01	0.0000438	0.0000128

	Mine Year	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Lead
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	22	0.0000433	0.000005	18.6	0.000000432	0.00000536	0.0000912	0.0000672	0.00106	0.685	0.0000411	15.7	0.000842	0.000104	4.94	0.0000439	0.0000128
	23	0.000042	0.000005	18.6	0.000000432	0.00000536	0.0000912	0.0000672	0.00106	0.686	0.0000411	15.7	0.000844	0.000105	4.95	0.0000437	0.0000128
	24	0.0000415	0.000005	18.6	0.000000432	0.00000536	0.0000912	0.0000672	0.00106	0.683	0.0000412	15.7	0.000844	0.000105	4.93	0.0000436	0.0000128
	25	0.0000431	0.000005	18.5	0.000000432	0.00000536	0.0000912	0.0000673	0.00106	0.679	0.0000411	15.8	0.000843	0.000104	4.9	0.0000438	0.0000128
	26	0.0000457	0.000005	18.5	0.000000432	0.00000536	0.0000912	0.0000674	0.00107	0.677	0.000041	15.8	0.000841	0.000104	4.88	0.0000442	0.0000128
	27	0.0000479	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000674	0.00107	0.674	0.0000409	15.8	0.000839	0.000104	4.86	0.0000444	0.0000128
	28	0.0000503	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000675	0.00107	0.67	0.0000407	15.9	0.000838	0.000104	4.83	0.0000448	0.0000128
	29	0.0000521	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.668	0.0000406	15.9	0.000836	0.000103	4.81	0.000045	0.0000128
	30	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	31	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	32	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	33	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	34	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	35	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	36	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	37	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	38	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	39	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	40	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	41	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	42	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	43	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
	44-Closure	0.000053	0.000005	18.4	0.000000432	0.00000537	0.0000912	0.0000676	0.00107	0.667	0.0000406	15.9	0.000835	0.000103	4.8	0.0000451	0.0000128
Impoundment Seepage - Reclaimed Areas																	
	all	0.012	0.000005	72.3	0.0000976	0.00121	0.0000971	0.0153	0.00208	13.1	0.00916	62.8	0.189	0.0233	18.9	0.0102	0.00289
Process Area																	
	all	0.000545	0.000005	31.2	0.00000142	0.000017	0.0000934	0.000234	0.00205	5.13	0.000136	6.73	0.00297	0.000339	7.56	0.000101	0.0000421
TMF Runoff - Reclaimed Areas																	
	all	0.0132	0.000005	0.826	0.0000349	0.000299	0.00183	0.00179	0.636	0.231	0.0419	30.7	0.0423	0.000285	0.29	0.00139	0.000413
Process Water																	
	all	0.282	0.000005	1.46	0.00000951	0.000918	0.0000992	0.001	0.0021	2.93	0.0385	182	0.0695	0.0284	26.5	0.0172	0.0000901
Baseline Water Quality																	
Surface Runoff	all	-	0.000034	0.000034	0.000034	0.000267	0.00173	0.00173	0.634	0.0419	0.0419	0.0419	0.0419	0.00194	0.0507	0.0009	0.000387
Bedrock Ground Water	all	0.0381	0.00005	31.5	0.00000765	0.000215	0.00261	0.00058	0.363	2.42	0.0018	40.5	0.0228	0.00194	10.6	0.00265	0.00007
Overburden Ground Water	all	0.0318	0.001	69.4	0.0001	0.00029	0.0035	0.001	2.51	2.61	0.005	22.8	0.106	0.0054	34.5	0.0017	0.0001
Groundwater to Pit																	
	-1	0.0364	0.000297	41.3	0.0000317	0.000235	0.00284	0.000689	0.921	2.47	0.00263	35.9	0.0443	0.00284	16.8	0.0024	0.0000778
	15	0.137	0.000037	22.4	0.0000156	0.000582	0.00128	0.00185	0.191	3.57	0.0177	104	0.0526	0.0145	18.1	0.00964	0.000282
	30	0.0556	0.0000544	33	0.0000204	0.000407	0.00203	0.00251	0.311	3.59	0.00594	56.9	0.0465	0.00685	12.9	0.0053	0.000426
	Post-Closure	0.09	0.000573	53.1	0.0000772	0.000614	0.00204	0.00361	1.43	4.61	0.0141	69.4	0.112	0.0144	29.6	0.00709	0.000607

	Mine Year	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TMF Runoff													
	1	0.00045	0.00115	0.000178	0.00762	0.00017	0.0000025	0.000933	0.000119	0.00023	0.0000593	0.00593	0.042
	2	0.00045	0.00117	0.000178	0.00747	0.000169	0.0000025	0.000942	0.000119	0.000233	0.0000593	0.00593	0.042
	3	0.00045	0.00118	0.000178	0.0074	0.000169	0.0000025	0.000946	0.000119	0.000234	0.0000593	0.00593	0.042
	4	0.00045	0.00121	0.000178	0.00724	0.000168	0.0000025	0.000955	0.000119	0.000237	0.0000593	0.00593	0.042
	5	0.00045	0.00123	0.000178	0.00709	0.000167	0.0000025	0.000963	0.000119	0.00024	0.0000593	0.00593	0.042
	6	0.00045	0.00122	0.000178	0.00714	0.000167	0.0000025	0.00096	0.000119	0.000239	0.0000593	0.00593	0.042
	7	0.00045	0.00123	0.000178	0.00704	0.000167	0.0000025	0.000966	0.000119	0.000241	0.0000593	0.00593	0.042
	8	0.00045	0.00125	0.000178	0.00688	0.000166	0.0000025	0.000975	0.000119	0.000244	0.0000593	0.00593	0.042
	9	0.00045	0.00127	0.000178	0.00678	0.000165	0.0000025	0.00098	0.000119	0.000245	0.0000593	0.00593	0.042
	10	0.00045	0.00127	0.000178	0.00674	0.000165	0.0000025	0.000982	0.000119	0.000246	0.0000593	0.00593	0.042
	11	0.00045	0.00128	0.000178	0.00667	0.000165	0.0000025	0.000986	0.000119	0.000247	0.0000593	0.00593	0.042
	12	0.00045	0.00129	0.000178	0.00661	0.000164	0.0000025	0.00099	0.000119	0.000248	0.0000593	0.00593	0.042
	13	0.00045	0.00129	0.000178	0.00659	0.000164	0.0000025	0.000991	0.000119	0.000249	0.0000593	0.00593	0.042
	14	0.00045	0.00129	0.000178	0.00663	0.000164	0.0000025	0.000989	0.000119	0.000248	0.0000593	0.00593	0.042
	15	0.00045	0.00129	0.000178	0.00659	0.000164	0.0000025	0.000991	0.000119	0.000249	0.0000593	0.00593	0.042
	16	0.00045	0.00129	0.000178	0.00663	0.000164	0.0000025	0.000989	0.000119	0.000248	0.0000593	0.00593	0.042
	17	0.00045	0.00128	0.000178	0.00671	0.000165	0.0000025	0.000984	0.000119	0.000247	0.0000593	0.00593	0.042
	18	0.00045	0.00127	0.000178	0.00678	0.000165	0.0000025	0.000981	0.000119	0.000245	0.0000593	0.00593	0.042
West Stockpile													
	2	-	-	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-	-	-
	4	0.00045	0.000106	0.0000934	0.00935	0.0000863	0.0000025	0.00091	0.0000993	0.000131	0.0000236	0.00236	0.042
	5	0.00045	0.000371	0.000315	0.0325	0.000296	0.0000025	0.00309	0.000331	0.000453	0.0000808	0.00808	0.042
	6	0.00045	0.000587	0.000483	0.0514	0.000461	0.0000025	0.00478	0.000503	0.000712	0.000126	0.0126	0.042
	7	0.00045	0.000689	0.00057	0.0604	0.000543	0.0000025	0.00563	0.000601	0.000836	0.000148	0.0148	0.042
	8	0.00045	0.000561	0.000457	0.0491	0.000438	0.0000025	0.00453	0.000478	0.000678	0.00012	0.012	0.042
	9	0.00045	0.000913	0.000733	0.0798	0.000707	0.0000025	0.0073	0.000755	0.0011	0.000194	0.0194	0.042
	10	0.00045	0.000552	0.000438	0.0482	0.000425	0.0000025	0.00437	0.000452	0.000663	0.000117	0.0117	0.042
	11	0.00045	0.000511	0.000404	0.0446	0.000394	0.0000025	0.00404	0.000419	0.000613	0.000108	0.0108	0.042
	12	0.00045	0.000462	0.000363	0.0404	0.000355	0.0000025	0.00363	0.000379	0.000554	0.0000971	0.00971	0.042
	13	0.00045	0.000438	0.000343	0.0382	0.000336	0.0000025	0.00343	0.000357	0.000524	0.0000918	0.00918	0.042
	14	0.00045	0.000505	0.000395	0.044	0.000387	0.0000025	0.00396	0.000409	0.000604	0.000106	0.0106	0.042
	15	0.00045	0.000558	0.000442	0.0488	0.00043	0.0000025	0.00441	0.00046	0.00067	0.000118	0.0118	0.042
	16	0.00045	0.0007	0.000554	0.0612	0.00054	0.0000025	0.00553	0.000576	0.00084	0.000148	0.0148	0.042
	17	0.00045	0.000766	0.00061	0.067	0.000593	0.0000025	0.00609	0.000637	0.000921	0.000162	0.0162	0.042
	18	0.00045	0.000849	0.000685	0.0743	0.000661	0.0000025	0.00681	0.00072	0.00102	0.000181	0.0181	0.042
	19	0.00045	0.000969	0.00079	0.0849	0.00076	0.0000025	0.00783	0.000837	0.00117	0.000207	0.0207	0.042
	20	0.00045	0.00104	0.000854	0.0911	0.000818	0.0000025	0.00844	0.00091	0.00126	0.000223	0.0223	0.042
	21	0.00045	0.00108	0.000891	0.0949	0.000853	0.0000025	0.00881	0.000951	0.00131	0.000232	0.0232	0.042
	22	0.00045	0.00108	0.000889	0.0945	0.00085	0.0000025	0.00878	0.000949	0.00131	0.000232	0.0232	0.042
	23	0.00045	0.00103	0.000847	0.0901	0.00081	0.0000025	0.00837	0.000904	0.00124	0.000221	0.0221	0.042
	24	0.00045	0.000985	0.000813	0.0864	0.000778	0.0000025	0.00803	0.000869	0.00119	0.000212	0.0212	0.042
	25	0.00045	0.000956	0.000792	0.0839	0.000757	0.0000025	0.00781	0.00085	0.00116	0.000206	0.0206	0.042
	26	0.00045	0.000952	0.00079	0.0836	0.000755	0.0000025	0.00779	0.000853	0.00116	0.000205	0.0205	0.042
	27	0.00045	0.00098	0.000813	0.0861	0.000778	0.0000025	0.00801	0.000883	0.00119	0.000211	0.0211	0.042
	28	0.00045	0.00101	0.000841	0.0891	0.000806	0.0000025	0.00829	0.000916	0.00123	0.000219	0.0219	0.042
	29	0.00045	0.00109	0.000901	0.0957	0.000866	0.0000025	0.00889	0.000982	0.00132	0.000235	0.0235	0.042
	30	0.00045	0.00114	0.000937	0.0999	0.000901	0.0000025	0.00926	0.00101	0.00138	0.000245	0.0245	0.042
	31	0.00045	0.00111	0.000912	0.0973	0.000877	0.0000025	0.00901	0.000987	0.00134	0.000238	0.0238	0.042
	32	0.00045	0.00101	0.00083	0.0885	0.000798	0.0000025	0.0082	0.000898	0.00122	0.000217	0.0217	0.042
	33	0.00045	0.000909	0.000748	0.0797	0.000719	0.0000025	0.00738	0.000809	0.0011	0.000195	0.0195	0.042
	34	0.00045	0.000808	0.000665	0.0709	0.00064	0.0000025	0.00657	0.00072	0.000979	0.000174	0.0174	0.042
	35	0.00045	0.000708	0.000583	0.0621	0.00056	0.0000025	0.00576	0.00063	0.000858	0.000152	0.0152	0.042
	36	0.00045	0.000608	0.0005	0.0534	0.000481	0.0000025	0.00494	0.000541	0.000737	0.000131	0.0131	0.042
	37	0.00045	0.000508	0.000418	0.0446	0.000402	0.0000025	0.00413	0.000452	0.000615	0.000109	0.0109	0.042
	38	0.00045	0.000408	0.000336	0.0358	0.000323	0.0000025	0.00331	0.000363	0.000494	0.0000876	0.00876	0.042
	39	0.00045	0.00042	0.000345	0.0368	0.000332	0.0000025	0.00341	0.000374	0.000509	0.0000902	0.00902	0.042

	Mine Year	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	40	0.00045	0.000503	0.000414	0.0442	0.000398	0.0000025	0.00409	0.000448	0.00061	0.000108	0.0108	0.042
	41	0.00045	0.000487	0.000401	0.0427	0.000385	0.0000025	0.00396	0.000433	0.00059	0.000105	0.0105	0.042
	42	0.00045	0.0000334	0.0000275	0.00293	0.0000265	0.0000025	0.000272	0.0000298	0.0000405	0.00000719	0.000718	0.042
	43	-	-	-	-	-	-	-	-	-	-	-	-
East Stockpile													
	1	0.00045	0.000263	0.000209	0.0229	0.000204	0.0000025	0.00208	0.000222	0.000315	0.0000556	0.00556	0.042
	2	0.00045	0.000217	0.000186	0.0191	0.000175	0.0000025	0.00182	0.000204	0.000265	0.0000475	0.00475	0.042
	3	0.00045	0.000295	0.000259	0.026	0.00024	0.0000025	0.00252	0.000276	0.000364	0.0000654	0.00654	0.042
	4	0.00045	0.000456	0.000402	0.0402	0.000371	0.0000025	0.00392	0.000427	0.000563	0.000101	0.0101	0.042
	5	0.00045	0.000558	0.000474	0.049	0.000445	0.0000025	0.00466	0.000499	0.000682	0.000122	0.0122	0.042
	6	0.00045	0.000642	0.000528	0.0562	0.000504	0.0000025	0.00523	0.000551	0.000778	0.000138	0.0138	0.042
	7	0.00045	0.000676	0.000559	0.0593	0.000533	0.0000025	0.00553	0.00059	0.000821	0.000146	0.0146	0.042
	8	0.00045	0.000717	0.000584	0.0628	0.00056	0.0000025	0.0058	0.000611	0.000867	0.000153	0.0153	0.042
	9	0.00045	0.000811	0.000651	0.0708	0.000628	0.0000025	0.00648	0.00067	0.000976	0.000172	0.0172	0.042
	10	0.00045	0.000869	0.00069	0.0758	0.00067	0.0000025	0.00689	0.000711	0.00104	0.000183	0.0183	0.042
	11	0.00045	0.000931	0.000735	0.0813	0.000717	0.0000025	0.00735	0.000762	0.00112	0.000196	0.0196	0.042
	12	0.00045	0.000969	0.00076	0.0846	0.000745	0.0000025	0.00761	0.000795	0.00116	0.000203	0.0203	0.042
	13	0.00045	0.00112	0.000874	0.0977	0.000857	0.0000025	0.00876	0.000912	0.00134	0.000234	0.0234	0.042
	14	0.00045	0.00123	0.000964	0.107	0.000943	0.0000025	0.00966	0.000997	0.00147	0.000258	0.0258	0.042
	15	0.00045	0.00132	0.00104	0.115	0.00102	0.0000025	0.0104	0.00109	0.00158	0.000278	0.0278	0.042
	16	0.00045	0.00134	0.00106	0.117	0.00103	0.0000025	0.0106	0.0011	0.00161	0.000282	0.0282	0.042
	17	0.00045	0.00138	0.0011	0.121	0.00107	0.0000025	0.011	0.00115	0.00166	0.000292	0.0292	0.042
	18	0.00045	0.00137	0.00111	0.12	0.00107	0.0000025	0.011	0.00116	0.00165	0.000292	0.0292	0.042
	19	0.00045	0.00136	0.00111	0.12	0.00107	0.0000025	0.011	0.00118	0.00165	0.000292	0.0292	0.042
	20	0.00045	0.00137	0.00112	0.12	0.00108	0.0000025	0.0111	0.0012	0.00165	0.000293	0.0293	0.042
	21	0.00045	0.00137	0.00113	0.12	0.00108	0.0000025	0.0111	0.0012	0.00166	0.000294	0.0294	0.042
	22	0.00045	0.00136	0.00113	0.12	0.00108	0.0000025	0.0111	0.0012	0.00165	0.000293	0.0293	0.042
	23	0.00045	0.0013	0.00108	0.115	0.00103	0.0000025	0.0106	0.00115	0.00158	0.000281	0.0281	0.042
	24	0.00045	0.00126	0.00104	0.11	0.000994	0.0000025	0.0103	0.00111	0.00153	0.000271	0.0271	0.042
	25	0.00045	0.00123	0.00102	0.108	0.000975	0.0000025	0.0101	0.00109	0.00149	0.000265	0.0265	0.042
	26	0.00045	0.00123	0.00102	0.108	0.000978	0.0000025	0.0101	0.0011	0.0015	0.000266	0.0266	0.042
	27	0.00045	0.00128	0.00106	0.113	0.00102	0.0000025	0.0105	0.00116	0.00156	0.000277	0.0277	0.042
	28	0.00045	0.00134	0.00111	0.118	0.00107	0.0000025	0.011	0.00121	0.00163	0.000289	0.0289	0.042
	29	0.00045	0.00134	0.00111	0.118	0.00107	0.0000025	0.011	0.00121	0.00163	0.000289	0.0289	0.042
	30	0.00045	0.00135	0.00111	0.118	0.00107	0.0000025	0.011	0.0012	0.00163	0.00029	0.029	0.042
	31	0.00045	0.00131	0.00108	0.115	0.00104	0.0000025	0.0107	0.00117	0.00159	0.000282	0.0282	0.042
	32	0.00045	0.00119	0.000983	0.105	0.000945	0.0000025	0.00971	0.00106	0.00145	0.000257	0.0257	0.042
	33	0.00045	0.00108	0.000885	0.0944	0.000851	0.0000025	0.00874	0.000958	0.0013	0.000231	0.0231	0.042
	34	0.00045	0.000957	0.000788	0.084	0.000757	0.0000025	0.00778	0.000852	0.00116	0.000206	0.0206	0.042
	35	0.00045	0.000839	0.00069	0.0736	0.000663	0.0000025	0.00681	0.000746	0.00102	0.00018	0.018	0.042
	36	0.00045	0.00072	0.000592	0.0632	0.00057	0.0000025	0.00585	0.000641	0.000872	0.000155	0.0155	0.042
	37	0.00045	0.000602	0.000495	0.0528	0.000476	0.0000025	0.00489	0.000535	0.000729	0.000129	0.0129	0.042
	38	0.00045	0.000483	0.000397	0.0424	0.000382	0.0000025	0.00392	0.00043	0.000585	0.000104	0.0104	0.042
	39	0.00045	0.000642	0.000528	0.0563	0.000508	0.0000025	0.00522	0.000571	0.000778	0.000138	0.0138	0.042
	40	0.00045	0.00103	0.00085	0.0907	0.000818	0.0000025	0.0084	0.00092	0.00125	0.000222	0.0222	0.042
	41	0.00045	0.000535	0.00044	0.0469	0.000423	0.0000025	0.00435	0.000476	0.000648	0.000115	0.0115	0.042
	42	0.00045	0.0000368	0.0000303	0.00323	0.0000291	0.0000025	0.000299	0.0000327	0.0000445	0.0000079	0.00079	0.042
	43	-	-	-	-	-	-	-	-	-	-	-	-

	Mine Year	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Impoundment													
	1	0.00045	0.000125	0.000219	0.0239	0.000369	0.0000025	0.00131	0.0017	0.000198	0.000037	0.00369	0.0019
	2	0.00045	0.000188	0.000333	0.0359	0.000559	0.0000025	0.00198	0.00257	0.000299	0.0000561	0.00559	0.00148
	3	0.00045	0.000248	0.000446	0.048	0.000748	0.0000025	0.00265	0.00345	0.000398	0.0000746	0.00744	0.00117
	4	0.00045	0.000232	0.000424	0.0458	0.000708	0.0000025	0.00251	0.0033	0.000377	0.0000701	0.00699	0.00106
	5	0.00045	0.000195	0.000359	0.0391	0.0006	0.0000025	0.00212	0.00282	0.000319	0.0000589	0.00587	0.00105
	6	0.00045	0.00019	0.00035	0.0384	0.000588	0.0000025	0.00206	0.00277	0.000312	0.0000572	0.0057	0.000988
	7	0.00045	0.000258	0.000476	0.0527	0.000799	0.0000025	0.0028	0.00379	0.000426	0.0000773	0.00771	0.000872
	8	0.00045	0.000328	0.000604	0.0672	0.00101	0.0000025	0.00357	0.00482	0.000543	0.000098	0.00977	0.000827
	9	0.00045	0.000397	0.000731	0.0813	0.00122	0.0000025	0.00432	0.00582	0.000658	0.000118	0.0118	0.000769
	10	0.00045	0.000471	0.000869	0.0969	0.00145	0.0000025	0.00513	0.00694	0.000782	0.00014	0.014	0.000687
	11	0.00045	0.000528	0.000967	0.108	0.00161	0.0000025	0.00573	0.00768	0.000873	0.000157	0.0156	0.000722
	12	0.00045	0.000592	0.00108	0.12	0.00179	0.0000025	0.00642	0.00851	0.000977	0.000175	0.0175	0.000754
	13	0.00045	0.000656	0.0012	0.133	0.00198	0.0000025	0.00714	0.0094	0.00108	0.000195	0.0194	0.000716
	14	0.00045	0.000716	0.00131	0.145	0.00216	0.0000025	0.00781	0.0102	0.00118	0.000213	0.0212	0.000695
	15	0.00045	0.000783	0.00143	0.158	0.00236	0.0000025	0.00855	0.0112	0.00129	0.000233	0.0232	0.000652
	16	0.00045	0.000841	0.00153	0.169	0.00252	0.0000025	0.0092	0.0119	0.00139	0.00025	0.0249	0.000646
	17	0.00045	0.000907	0.00165	0.182	0.00272	0.0000025	0.00991	0.0128	0.00149	0.000269	0.0269	0.000625
	18	0.00045	0.000967	0.00176	0.194	0.0029	0.0000025	0.0106	0.0137	0.00159	0.000287	0.0287	0.000592
	19	0.00045	0.00102	0.00186	0.205	0.00307	0.0000025	0.0112	0.0145	0.00168	0.000304	0.0303	0.00056
	20	0.00045	0.00109	0.00198	0.219	0.00328	0.0000025	0.0119	0.0155	0.00179	0.000324	0.0323	0.00054
	21	0.00045	0.00116	0.00212	0.234	0.0035	0.0000025	0.0127	0.0166	0.00192	0.000345	0.0344	0.00052
	22	0.00045	0.00124	0.00226	0.25	0.00374	0.0000025	0.0135	0.0177	0.00205	0.000369	0.0368	0.000511
	23	0.00045	0.00132	0.0024	0.267	0.00398	0.0000025	0.0144	0.0188	0.00218	0.000392	0.0391	0.000491
	24	0.00045	0.00141	0.00255	0.283	0.00422	0.0000025	0.0153	0.02	0.00231	0.000416	0.0415	0.000476
	25	0.00045	0.00149	0.00269	0.299	0.00446	0.0000025	0.0161	0.0211	0.00244	0.00044	0.0438	0.000462
	26	0.00045	0.00154	0.00279	0.309	0.00462	0.0000025	0.0167	0.0218	0.00253	0.000456	0.0455	0.000452
	27	0.00045	0.00158	0.00285	0.315	0.00472	0.0000025	0.0171	0.0223	0.00259	0.000467	0.0465	0.000446
	28	0.00045	0.0016	0.00289	0.319	0.00479	0.0000025	0.0173	0.0226	0.00262	0.000474	0.0473	0.000444
	29	0.00045	0.00162	0.00292	0.322	0.00483	0.0000025	0.0175	0.0228	0.00265	0.000479	0.0478	0.000441
	30	0.00045	0.00162	0.00293	0.323	0.00485	0.0000025	0.0176	0.0228	0.00265	0.000481	0.0479	0.000441
Pit Wall													
	1	0.00045	0.00000964	0.0000169	0.00184	0.0000284	0.0000025	0.0001	0.00013	0.0000153	0.00000285	0.000284	0.00142
	2	0.00045	0.00000954	0.0000169	0.00183	0.0000284	0.0000025	0.000101	0.000131	0.0000152	0.00000285	0.000284	0.00125
	3	0.00045	0.00000946	0.000017	0.00183	0.0000285	0.0000025	0.000101	0.000132	0.0000152	0.00000285	0.000284	0.00109
	4	0.00045	0.00000943	0.0000172	0.00186	0.0000288	0.0000025	0.000102	0.000134	0.0000153	0.00000285	0.000284	0.000962
	5	0.00045	0.00000944	0.0000173	0.00189	0.000029	0.0000025	0.000102	0.000136	0.0000154	0.00000284	0.000283	0.000895
	6	0.00045	0.00000944	0.0000174	0.00191	0.0000292	0.0000025	0.000103	0.000138	0.0000155	0.00000284	0.000283	0.00083
	7	0.00045	0.00000947	0.0000175	0.00194	0.0000294	0.0000025	0.000103	0.000139	0.0000157	0.00000284	0.000283	0.000819
	8	0.00045	0.00000951	0.0000175	0.00195	0.0000294	0.0000025	0.000103	0.00014	0.0000157	0.00000284	0.000283	0.000861
	9	0.00045	0.00000952	0.0000175	0.00195	0.0000293	0.0000025	0.000104	0.00014	0.0000158	0.00000284	0.000283	0.000877
	10	0.00045	0.00000952	0.0000176	0.00196	0.0000294	0.0000025	0.000104	0.00014	0.0000158	0.00000284	0.000283	0.000855
	11	0.00045	0.00000956	0.0000175	0.00195	0.0000292	0.0000025	0.000104	0.000139	0.0000158	0.00000284	0.000283	0.000955
	12	0.00045	0.00000959	0.0000175	0.00194	0.000029	0.0000025	0.000104	0.000138	0.0000158	0.00000284	0.000283	0.00106
	13	0.00045	0.00000958	0.0000175	0.00194	0.0000289	0.0000025	0.000104	0.000137	0.0000158	0.00000284	0.000283	0.00107
	14	0.00045	0.00000957	0.0000174	0.00193	0.0000288	0.0000025	0.000104	0.000137	0.0000158	0.00000284	0.000283	0.0011
	15	0.00045	0.00000955	0.0000174	0.00192	0.0000288	0.0000025	0.000104	0.000136	0.0000158	0.00000284	0.000283	0.00109
	16	0.00045	0.00000955	0.0000174	0.00192	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00113
	17	0.00045	0.00000956	0.0000174	0.00192	0.0000287	0.0000025	0.000104	0.000135	0.0000158	0.00000284	0.000283	0.00114
	18	0.00045	0.00000956	0.0000174	0.00192	0.0000287	0.0000025	0.000104	0.000136	0.0000158	0.00000284	0.000283	0.00113
	19	0.00045	0.00000955	0.0000174	0.00192	0.0000287	0.0000025	0.000104	0.000136	0.0000157	0.00000284	0.000283	0.0011
	20	0.00045	0.00000956	0.0000174	0.00192	0.0000288	0.0000025	0.000104	0.000136	0.0000158	0.00000284	0.000283	0.00111
	21	0.00045	0.00000957	0.0000174	0.00192	0.0000288	0.0000025	0.000104	0.000136	0.0000158	0.00000284	0.000283	0.00111

	Mine Year	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	22	0.00045	0.00000959	0.0000174	0.00193	0.0000288	0.0000025	0.000104	0.000136	0.0000158	0.00000284	0.000283	0.00114
	23	0.00045	0.00000959	0.0000174	0.00193	0.0000288	0.0000025	0.000104	0.000136	0.0000158	0.00000284	0.000283	0.00114
	24	0.00045	0.0000096	0.0000174	0.00193	0.0000288	0.0000025	0.000104	0.000136	0.0000158	0.00000284	0.000283	0.00115
	25	0.00045	0.0000096	0.0000174	0.00193	0.0000288	0.0000025	0.000104	0.000136	0.0000158	0.00000284	0.000283	0.00116
	26	0.00045	0.00000959	0.0000174	0.00192	0.0000288	0.0000025	0.000104	0.000136	0.0000158	0.00000284	0.000283	0.00116
	27	0.00045	0.00000959	0.0000174	0.00192	0.0000287	0.0000025	0.000104	0.000136	0.0000157	0.00000284	0.000283	0.00116
	28	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	29	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	30	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	31	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	32	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	33	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	34	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	35	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	36	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	37	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	38	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	39	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	40	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	41	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	42	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	43	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
	44-Closure	0.00045	0.00000958	0.0000173	0.00191	0.0000287	0.0000025	0.000104	0.000135	0.0000157	0.00000284	0.000283	0.00117
Impoundment Seepage - Reclaimed Areas													
	all	0.00045	0.00216	0.00391	0.431	0.00647	0.0000025	0.0234	0.0304	0.00354	0.000641	0.0639	0.000534
Process Area													
	all	0.00045	0.0000315	0.0000558	0.00637	0.000104	0.0000025	0.000304	0.000487	0.0000492	0.00000935	0.000932	0.000815
TMF Runoff - Reclaimed Areas													
	all	0.00045	0.000275	2.8	0.000726	0.0000533	0.0000025	0.000134	0.000872	0.00602	0.00601	0.000593	0.0243
Process Water													
	all	0.00393	0.00294	0.00136	0.0096	0.0001	0.0000575	0.00000935	0.000318	0.00754	0.0000748	0.002	0.0195
Baseline Water Quality													
Surface Runoff	all	0.00015	0.00015	2.8	0.0000367	0.0000367	0.0000025	0.0000367	0.00086	0.006	0.006	0.006	0.0243
Bedrock Ground Water	all	0.000425	0.000095	0.00021	0.268	0.0028	0.0000025	0.000097	0.001	0.00013	0.001	0.00155	0.082
Overburden Ground Water	all	0.0005	0.0005	0.001	0.32	0.00245	0.0000025	0.001	0.0012	0.001	0.001	0.0015	0.0715
Groundwater to Pit													
	-1	0.000445	0.0002	0.000415	0.281	0.00271	0.0000334	0.000332	0.00105	0.000356	0.00100	0.00154	0.0793
	15	0.00191	0.00146	0.000944	0.159	0.00177	0.000030	0.00178	0.00247	0.00351	0.000546	0.00625	0.0478
	30	0.000743	0.000626	0.000766	0.258	0.0029	0.0000145	0.00306	0.00424	0.00123	0.000852	0.00944	0.0658
	Post-Closure	0.00134	0.00141	0.00162	0.264	0.0026	0.0000717	0.00485	0.00633	0.00308	0.000706	0.013	0.0457

Appendix B: Mass and Geologic Composition of Mine Facilities



CANADA NICKEL
COMPANY

Table B-1:
Cummulative tonnage of ore by lithology generated by project by the Project.

	Dunite	Pyroxenite	Peridotite	Basalt/Metavolcanic	Gabbro	Talc	Total
Mine Year	kt	kt	kt	kt	kt	kt	kt
-3	-	-	-	-	-	-	-
-2	439	12	324	-	67	292	1,130
-1	9,780	166	3,070	-	252	1,130	14,400
1	31,000	402	8,660	-	650	5,520	46,300
2	40,300	636	14,500	-	1,000	7,730	64,100
3	70,600	988	27,700	-	1,670	8,740	110,000
4	111,000	1,480	44,100	-	2,680	11,700	171,000
5	163,000	1,980	57,400	-	3,710	18,700	245,000
6	214,000	2,250	67,100	-	4,740	25,700	314,000
7	245,000	2,720	78,300	-	5,700	30,600	363,000
8	293,000	2,950	88,700	-	6,670	35,600	427,000
9	349,000	3,430	100,000	-	7,310	37,300	497,000
10	394,000	3,930	108,000	-	8,120	38,900	553,000
11	433,000	4,420	116,000	-	9,040	42,100	604,000
12	489,000	4,820	127,000	-	10,800	44,500	677,000
13	557,000	5,170	143,000	-	12,400	45,700	763,000
14	614,000	5,630	159,000	-	13,200	47,200	839,000
15	658,000	6,580	178,000	-	14,200	48,400	905,000
16	725,000	7,300	195,000	-	15,600	48,900	992,000
17	770,000	7,790	213,000	-	16,900	50,000	1,060,000
18	809,000	8,370	236,000	-	18,400	52,900	1,120,000
19	855,000	9,390	259,000	-	20,000	56,400	1,200,000
20	893,000	10,300	279,000	-	21,300	59,300	1,260,000
21	928,000	10,700	291,000	-	22,300	61,500	1,310,000
22	941,000	11,000	296,000	-	22,600	64,500	1,340,000
23	956,000	11,300	301,000	-	22,800	68,500	1,360,000
24	973,000	11,600	308,000	-	23,300	75,000	1,390,000
25	1,000,000	12,400	319,000	-	24,100	81,500	1,440,000
26	1,030,000	13,200	331,000	-	25,300	84,900	1,490,000
27	1,080,000	14,200	344,000	-	26,700	87,900	1,550,000
28	1,120,000	15,200	357,000	-	27,800	90,300	1,610,000
29	1,170,000	16,100	370,000	-	28,600	92,100	1,670,000
30	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
31	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
32	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
33	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
34	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
35	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
36	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
37	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
38	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
39	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
40	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
41	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
42	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000
43	1,200,000	16,200	375,000	-	28,700	92,400	1,710,000

Table B-2:
Cummulative tonnage of waste rock by lithology generated by project by the Project

	Dunite	Pyroxenite	Peridotite	Basalt/Metavolcanic	Gabbro	Talc	Total
Mine Year	kt	kt	kt	kt	kt	kt	kt
-3	-	-	-	102	207	-	308
-2	8	360	436	3,150	4,290	204	8,450
-1	180	2,310	2,570	13,200	12,100	1,530	31,900
1	180	5,700	6,100	38,300	20,400	4,140	74,800
2	292	9,030	10,200	61,700	26,800	5,050	113,000
3	459	11,500	14,000	67,500	52,000	5,190	151,000
4	673	14,900	19,700	77,900	108,000	6,040	228,000
5	673	17,800	23,300	87,500	170,000	7,310	307,000
6	673	20,900	26,900	92,500	252,000	8,300	401,000
7	2,330	23,400	30,500	97,400	379,000	9,910	543,000
8	6,070	25,600	35,200	107,000	502,000	11,900	688,000
9	9,240	28,000	41,700	119,000	620,000	13,400	831,000
10	11,000	30,800	46,000	136,000	748,000	14,700	986,000
11	19,800	34,900	53,800	151,000	826,000	16,200	1,100,000
12	30,700	37,600	63,100	174,000	908,000	18,100	1,230,000
13	34,700	41,400	76,000	215,000	980,000	19,500	1,370,000
14	39,100	46,200	89,300	265,000	1,030,000	21,700	1,490,000
15	40,700	53,000	103,000	331,000	1,080,000	24,100	1,630,000
16	46,200	56,900	117,000	376,000	1,130,000	27,100	1,760,000
17	50,100	59,900	124,000	409,000	1,220,000	30,900	1,890,000
18	50,100	65,500	132,000	433,000	1,300,000	34,400	2,020,000
19	50,100	70,600	139,000	457,000	1,380,000	36,400	2,130,000
20	51,800	75,400	144,000	486,000	1,470,000	41,300	2,270,000
21	53,700	79,000	149,000	523,000	1,570,000	46,700	2,420,000
22	57,500	82,100	154,000	568,000	1,670,000	54,700	2,590,000
23	59,100	84,800	159,000	622,000	1,770,000	60,900	2,750,000
24	60,100	88,700	165,000	691,000	1,840,000	68,900	2,920,000
25	60,100	97,600	177,000	766,000	1,910,000	77,700	3,090,000
26	60,100	108,000	191,000	812,000	1,950,000	82,400	3,200,000
27	60,100	115,000	202,000	839,000	1,970,000	85,700	3,270,000
28	60,100	123,000	213,000	855,000	1,990,000	88,000	3,320,000
29	60,100	129,000	222,000	867,000	1,990,000	89,500	3,360,000
30	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
31	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
32	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
33	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
34	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
35	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
36	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
37	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
38	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
39	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
40	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
41	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
42	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000
43	60,600	132,000	225,000	872,000	1,990,000	89,800	3,370,000

***Appendix C:
2024 SGS Lakefield Metallurgical
Supernatant***



CANADA NICKEL
COMPANY

Parameter	Unit	CCME	MDMER	IPT 1 Baseline Decant		IPT 1 Tailings Decant		IPT 2 Baseline Decant		IPT 2 Tailings Decant	
LIMS				14510-MAY24		14510-MAY24		14510-MAY24		14510-MAY24	
Temp Upon Receipt	°C	-	-	19.0	---	19.0	---	19.0	---	19.0	---
TSS	mg/L	-	-	14	---	14	---	21	---	17	---
TDS	mg/L	-	-	540	---	1040	---	603	---	1010	---
pH	No unit	<u>6.0-9.0</u>	6.0-9.5	9.91	---	9.74	---	9.33	---	9.02	---
Alkalinity	mg/L as CaCO ₃	-	-	364	---	762	---	519	---	874	---
Conductivity	µS/cm	-	-	798	---	1220	---	945	---	1410	---
Acidity	mg/L as CaCO ₃	-	-	< 2	---	< 2	---	< 2	---	< 2	---
F	mg/L	<u>0.12</u>	-	< 0.06	---	< 0.06	---	< 0.06	---	< 0.06	---
Cl	mg/L	<u>120</u>	-	85	---	88	---	67	---	63	---
SO ₄	mg/L	-	-	61	---	100	---	36	---	51	---
NO ₂	as N mg/L	<u>0.06</u>	-	< 0.03	---	< 0.03	---	< 0.03	---	< 0.03	---
NO ₃	as N mg/L	<u>13</u>	-	0.69	---	< 0.06	---	0.08	---	0.52	---
NO ₂ +NO ₃	as N mg/L	-	-	0.69	---	< 0.06	---	0.08	---	0.52	---
NH ₃ +NH ₄	as N mg/L	-	-	< 0.1	---	< 0.1	---	< 0.1	---	< 0.1	---
Thiosalts (tot)	as S ₂ O ₃ mg/L	-	-	< 10	---	< 10	---	< 10	---	< 10	---
Metals		-	-	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
Hg (tot)	mg/L	<u>0.000026</u>	0.0001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Hardness	mg/L as CaCO ₃	-	-	507	468	936	919	624	589	1040	1000
Ag (tot)	mg/L	<u>0.00025</u>	-	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Al (tot)	mg/L	<u>0.1 @ pH > 7.0</u>	-	0.029	< 0.001	0.028	< 0.001	0.093	< 0.001	0.069	< 0.001
As (tot)	mg/L	<u>0.005</u>	0.10	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.0003	0.0003	0.0005	0.0004
Ba (tot)	mg/L	-	-	0.00057	0.00058	0.00097	0.00101	0.00234	0.00223	0.00370	0.00365
Be (tot)	mg/L	-	-	< 0.000007	< 0.000007	< 0.000007	< 0.000007	< 0.000007	< 0.000007	< 0.000007	< 0.000007
B (tot)	mg/L	<u>1.5</u>	-	0.468	0.441	0.464	0.459	0.097	0.091	0.103	0.101
Bi (tot)	mg/L	-	-	0.00003	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Ca (tot)	mg/L	-	-	1.36	1.28	1.24	1.24	2.53	1.66	3.32	2.48
Cd (tot)	mg/L	<u>0.00009</u>	-	0.000004	< 0.000003	0.000003	0.000004	0.000004	0.000007	0.000009	0.000015
Co (tot)	mg/L	-	-	0.000786	0.000074	0.00273	0.00169	0.000713	0.000070	0.000624	0.000144
Cr (tot)	mg/L	-	-	0.0187	0.00173	0.0195	0.00130	0.0323	0.00009	0.0242	0.00041
Cu (tot)	mg/L	<u>0.002</u>	0.10	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Fe (tot)	mg/L	<u>0.3</u>	-	0.158	< 0.007	0.159	< 0.007	0.328	< 0.007	0.246	< 0.007
K (tot)	mg/L	-	-	3.81	3.72	3.55	3.59	4.69	4.62	4.02	3.88
Li (tot)	mg/L	-	-	0.0048	0.0044	0.0097	0.0096	0.0134	0.0128	0.0109	0.0110
Mg (tot)	mg/L	-	-	122	113	227	222	150	142	251	241
Mn (tot)	mg/L	-	-	0.00833	0.00007	0.00829	0.00016	0.0884	0.0640	0.0371	0.0209
Mo (tot)	mg/L	<u>0.073</u>	-	0.0031	0.0026	0.0048	0.0046	0.0073	0.0067	0.0110	0.0106
Na (tot)	mg/L	-	-	32.2	30.5	35.2	36.2	33.0	32.2	31.6	31.3
Ni (tot)	mg/L	<u>0.025</u>	0.25	0.0181	0.0014	0.0182	0.0023	0.0236	0.0043	0.0219	0.0069
P (tot)	mg/L	-	-	0.015	0.012	0.019	0.019	0.017	0.015	0.023	0.020
Pb (tot)	mg/L	<u>0.001</u>	0.08	< 0.00009	< 0.00009	< 0.00009	< 0.00009	< 0.00009	< 0.00009	< 0.00009	< 0.00009
S (tot)	mg/L	-	-	24	24	38	40	14	15	21	21
Sb (tot)	mg/L	-	-	0.0009	0.0010	0.0010	0.0011	< 0.0009	0.0009	0.0009	0.0010
Se (tot)	mg/L	<u>0.001</u>	0.005	0.00028	0.00055	0.00043	0.00070	0.00050	0.00058	0.00072	0.00087
Si (tot)	mg/L	-	-	1.72	0.21	2.48	0.92	2.62	0.39	2.23	0.56
Sn (tot)	mg/L	-	-	0.00009	0.00009	0.00176	0.00182	0.00008	0.00011	0.00088	0.00089
Sr (tot)	mg/L	-	-	0.00114	0.00126	0.00140	0.00141	0.00315	0.00265	0.00444	0.00372
Th (tot)	mg/L	-	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Ti (tot)	mg/L	-	-	0.0015	< 0.0001	0.0015	< 0.0001	0.0047	< 0.0001	0.0036	< 0.0001
Tl (tot)	mg/L	<u>0.0008</u>	-	0.000010	0.000010	0.000057	0.000056	0.000017	0.000014	0.000062	0.000059
U (tot)	mg/L	<u>0.015</u>	-	0.000017	0.000004	0.000003	0.000002	0.000002	0.000006	< 0.000002	0.000003
V (tot)	mg/L	-	-	0.00020	0.00008	0.00019	0.00007	0.00048	0.00012	0.00035	0.00010
W (tot)	mg/L	-	-	0.00041	0.00028	0.00214	0.00205	0.00148	0.00142	0.00205	0.00198
Y (tot)	mg/L	-	-	< 0.00002	< 0.00002	< 0.00002	< 0.00002	0.00002	< 0.00002	0.00002	< 0.00002
Zn (tot)	mg/L	<u>0.007</u>	0.40	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.002	< 0.002

Appendix D: Water Quality Model Results

D.1 – Dissolved Concentration Time Series Plots

D.2 – Dissolved Concentration Tables

D.3 – Total Concentration Tables

D.4 – Reclaimed Surface Loadings



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D.1 – DISSOLVED CONCENTRATION TIME SERIES PLOTS

D.1 Pond 1

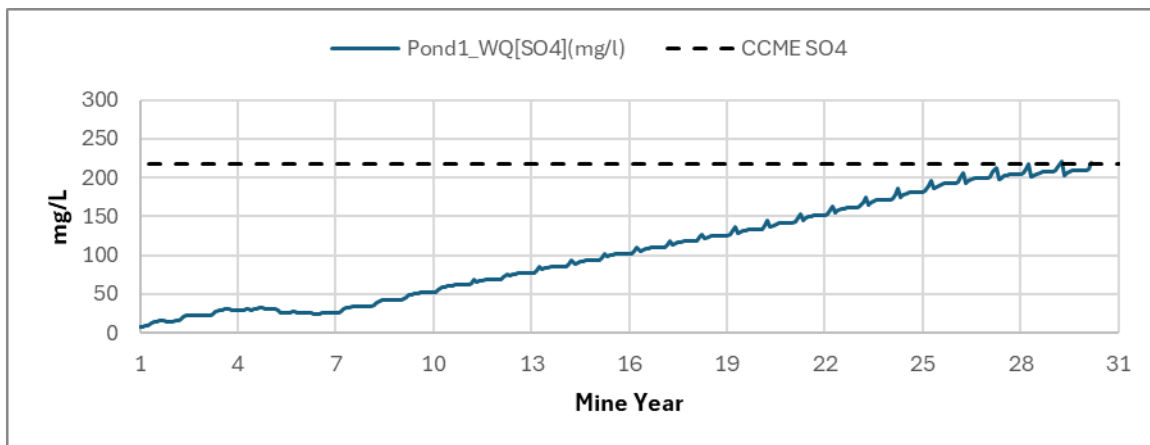


Figure D.1.1-1: Water quality model results for SO₄ at Pond 1.

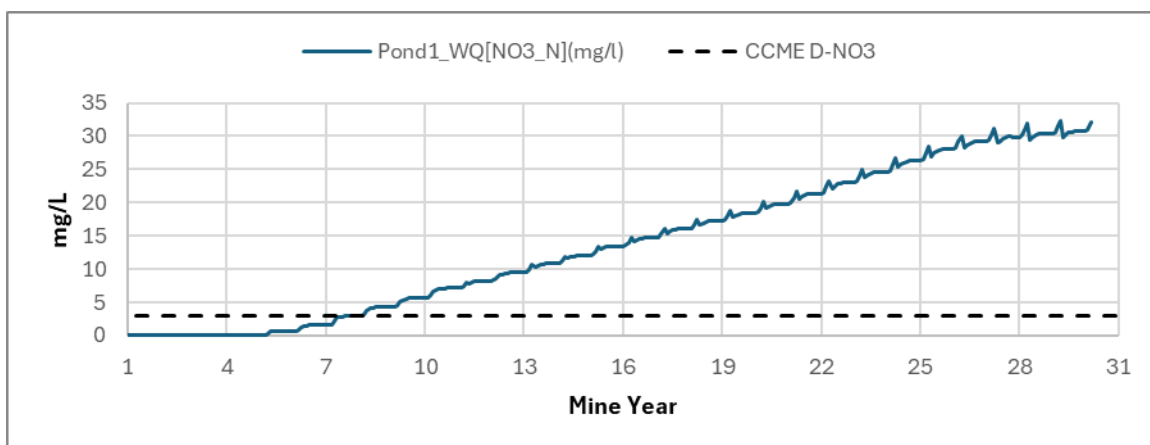


Figure D.1.1-2: Water quality model results for NO₃-N at Pond 1.

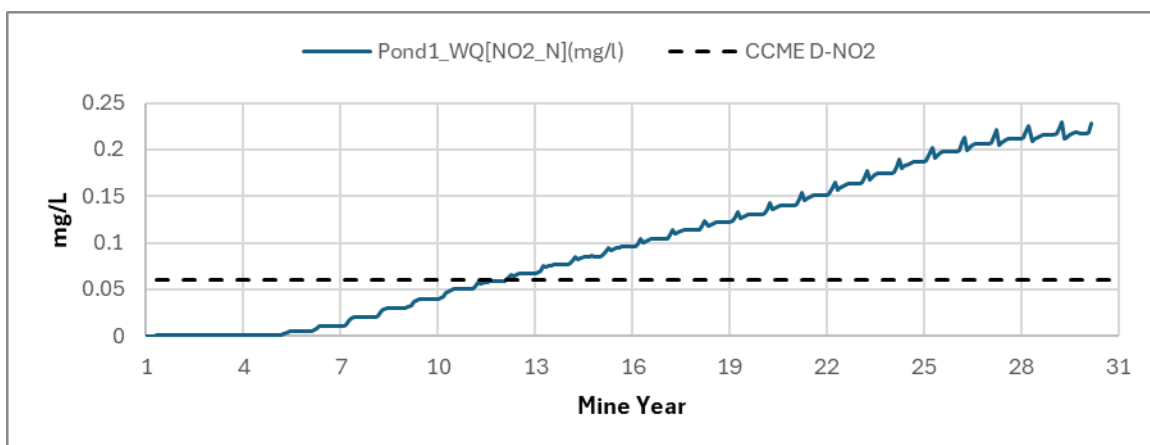


Figure D.1.1-3: Water quality model results for NO₂-N at Pond 1.

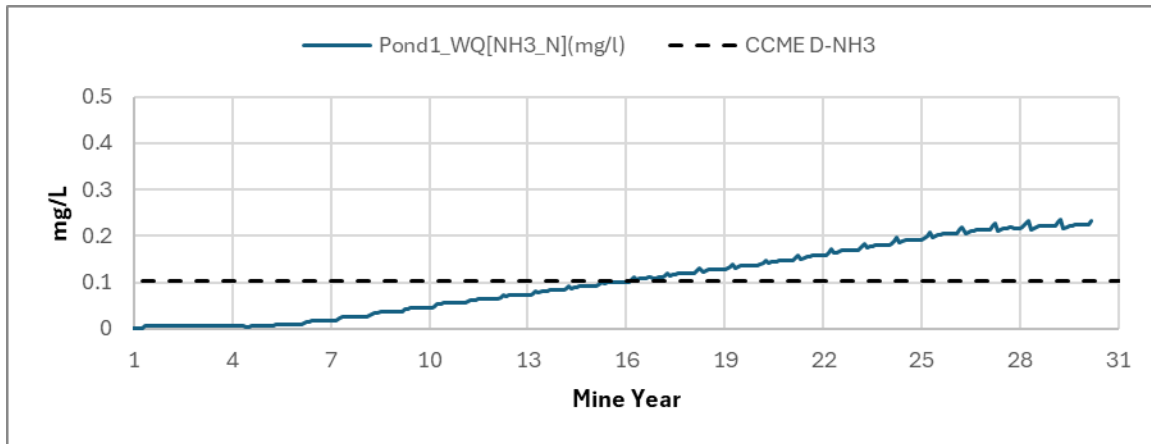


Figure D.1.1-4: Water quality model results for total $\text{NH}_3\text{-N}$ at Pond 1.

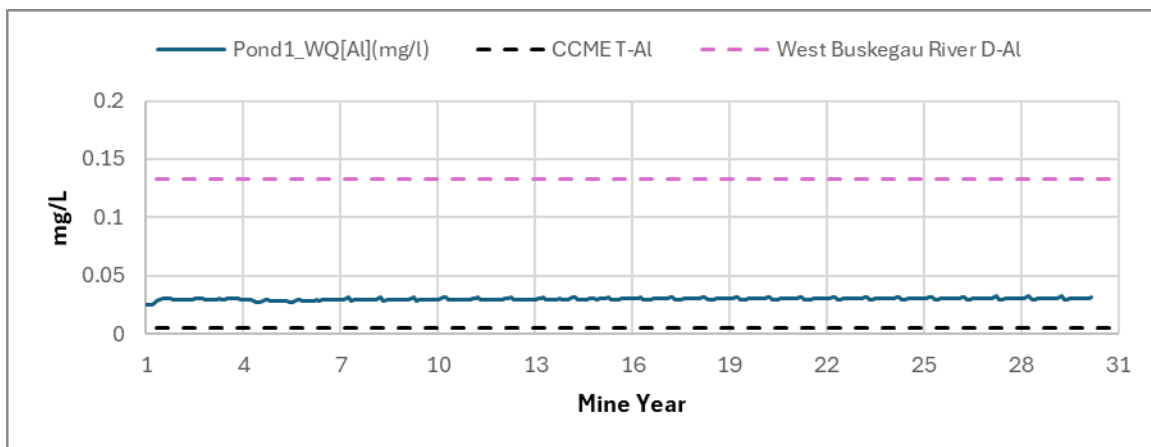


Figure D.1.1-5: Water quality model results for Al at Pond 1.

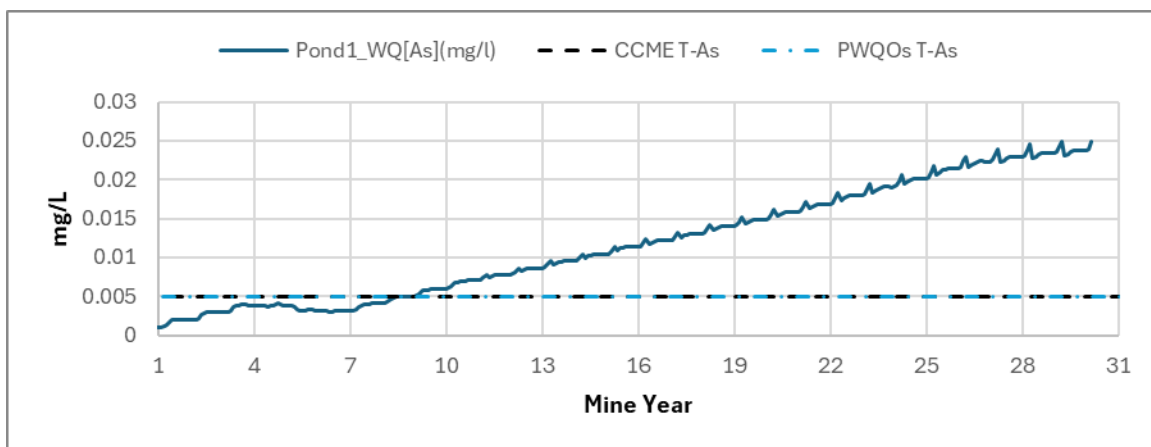


Figure D.1.1-6: Water quality model results for As at Pond 1.

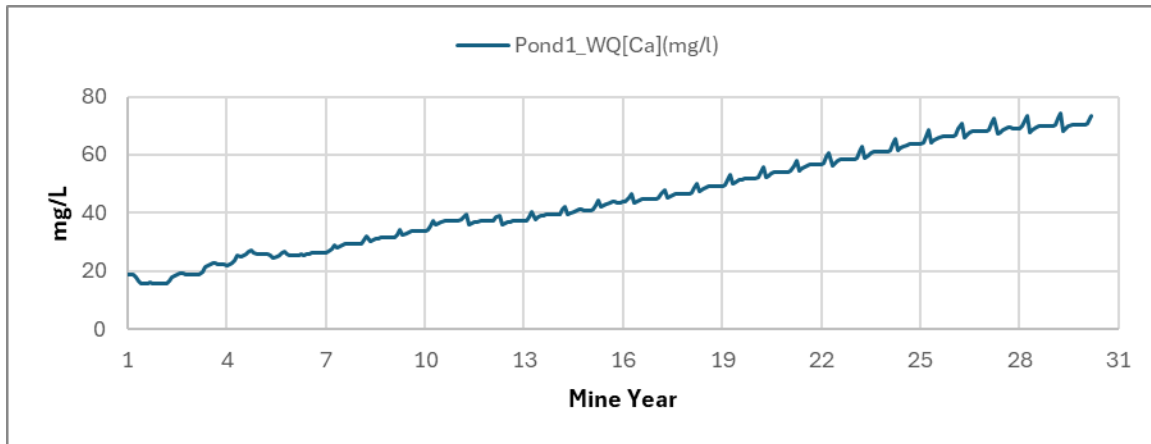


Figure D.1.1-7: Water quality model results for Ca at Pond 1.

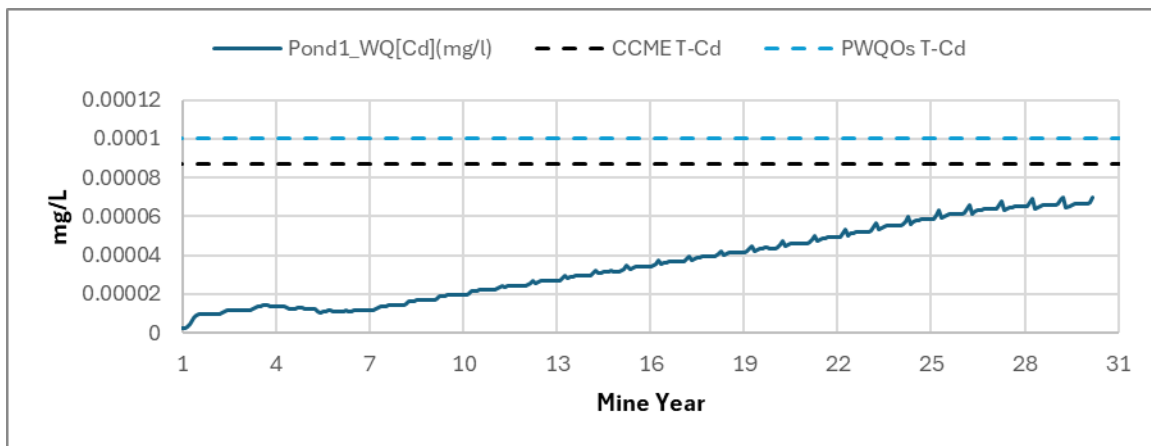


Figure D.1.1-8: Water quality model results for Cd at Pond 1.

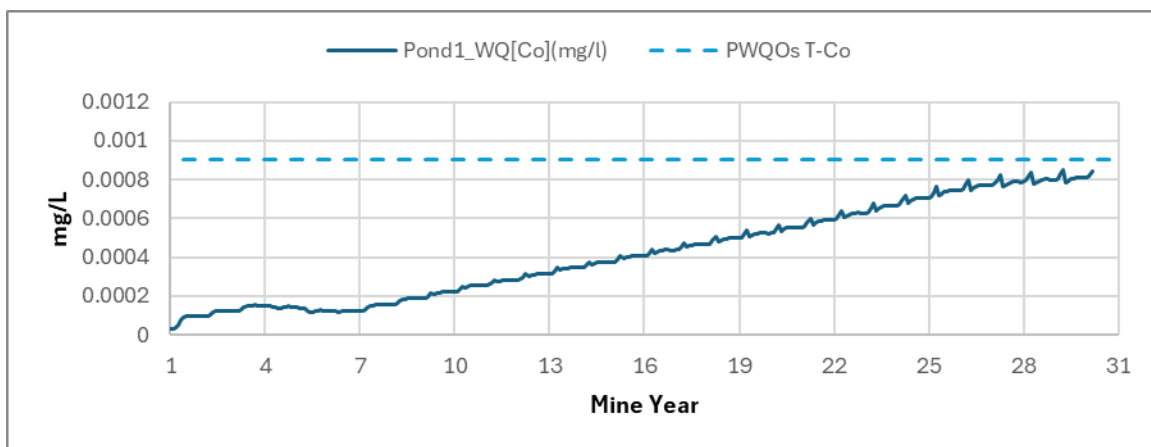


Figure D.1.1-9: Water quality model results for Co at Pond 1.

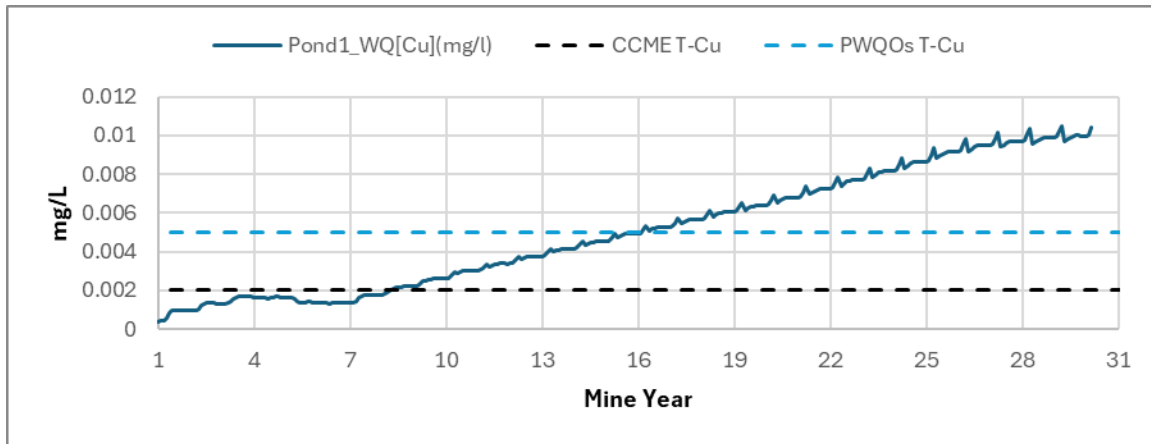


Figure D.1.1-10: Water quality model results for Cu at Pond 1.

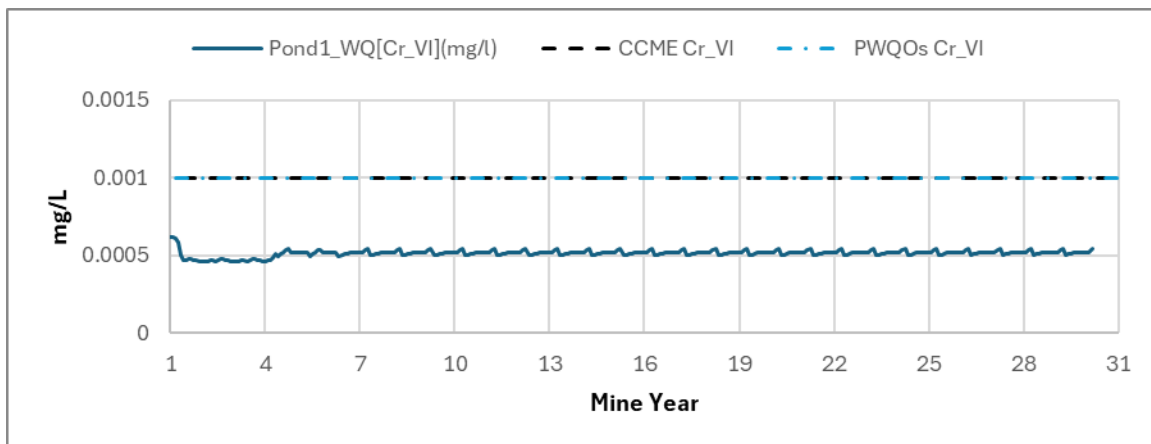


Figure D.1.1-11: Water quality model results for Cr(VI) at Pond 1.

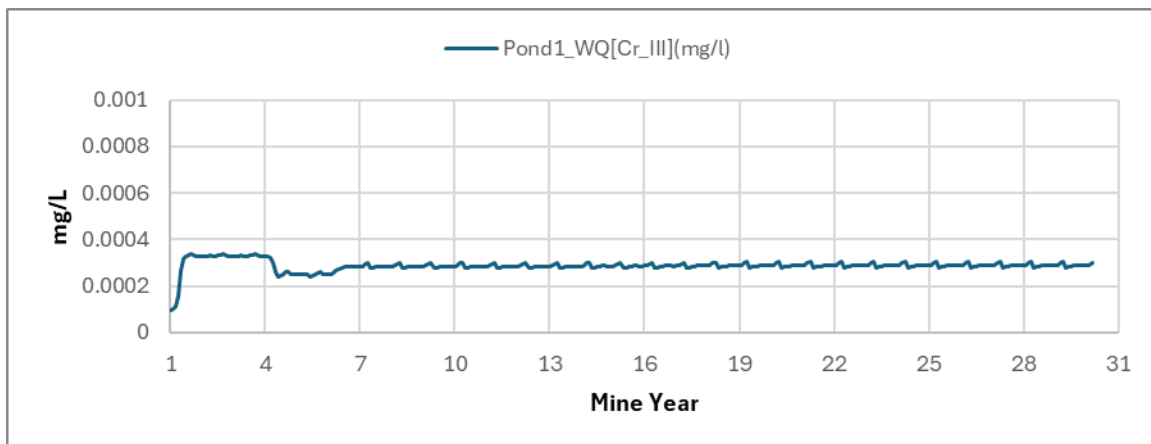


Figure D.1.1-12: Water quality model results for Cr(III) at Pond 1.

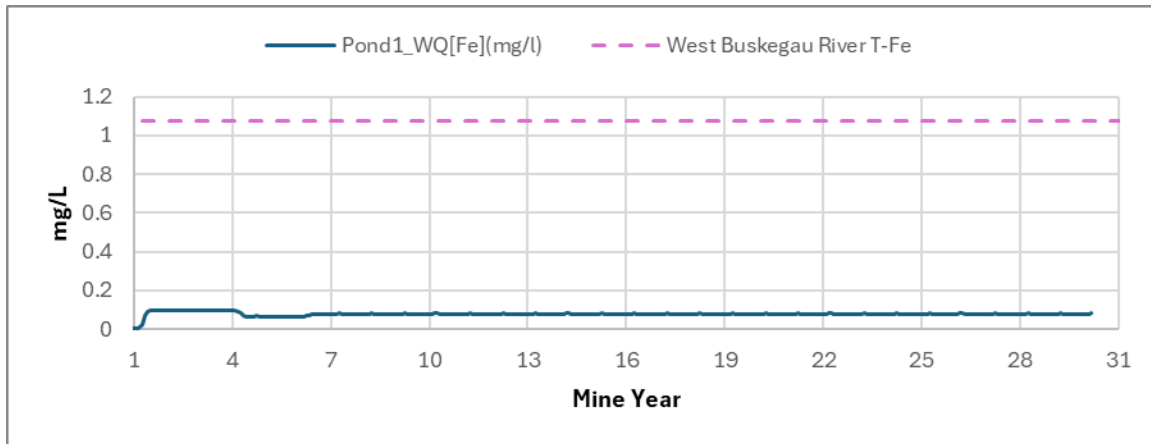


Figure D.1.1-13: Water quality model results for Fe at Pond 1.

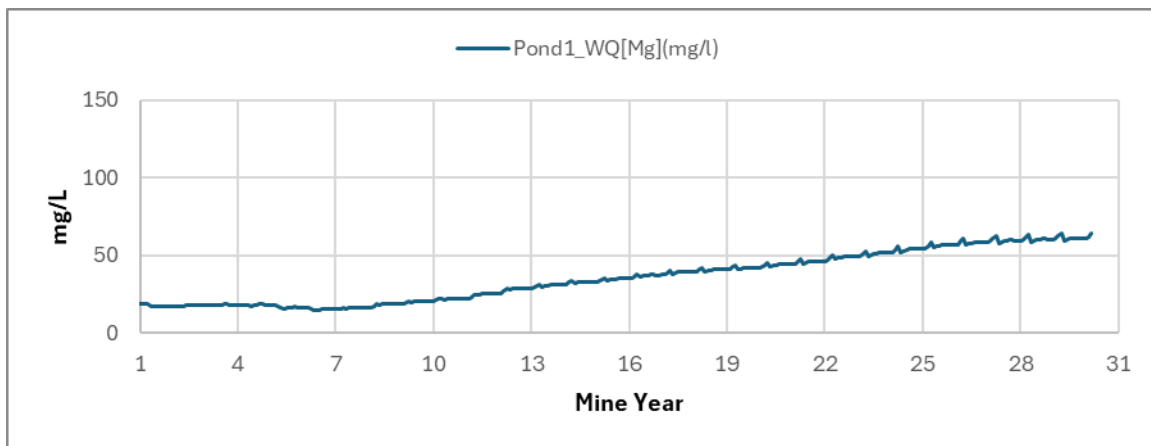


Figure D.1.1-14: Water quality model results for Mg at Pond 1.

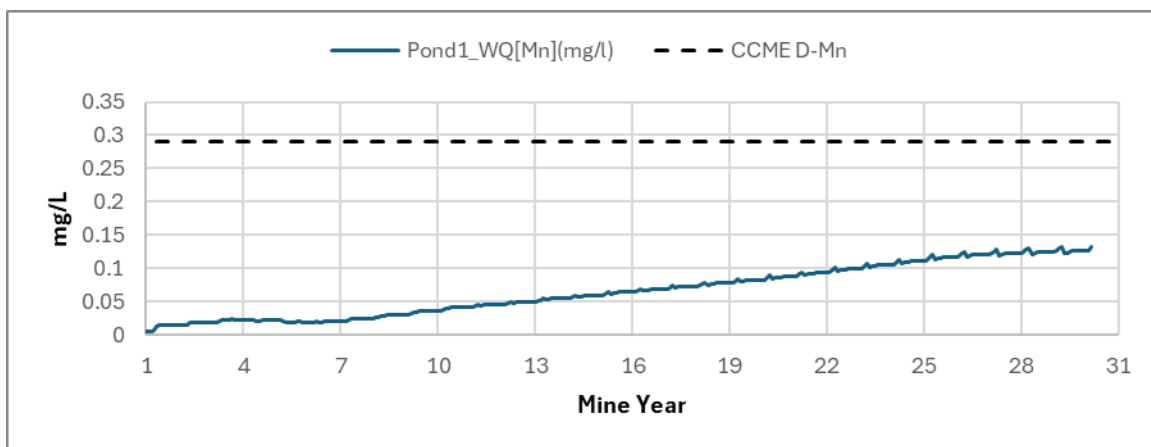


Figure D.1.1-15: Water quality model results for Mn at Pond 1.

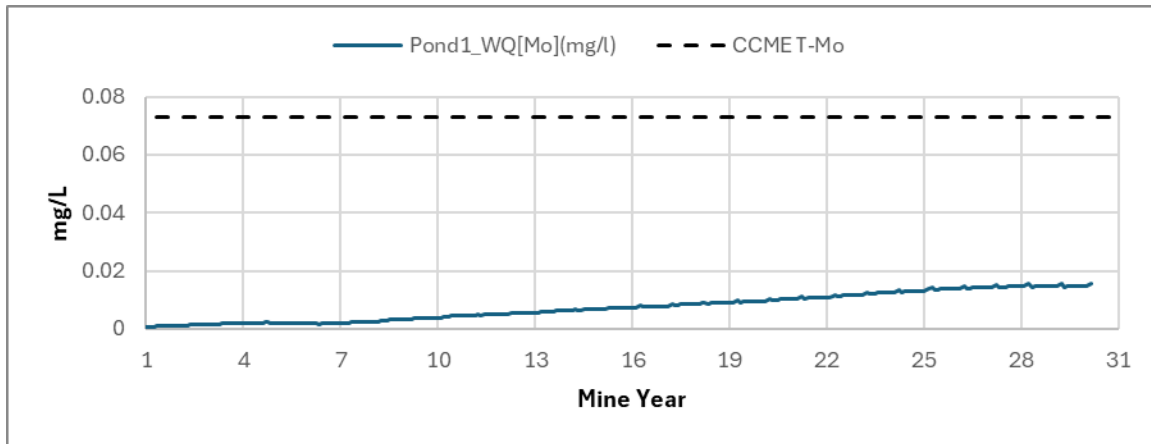


Figure D.1.1-16: Water quality model results for Mo at Pond 1.

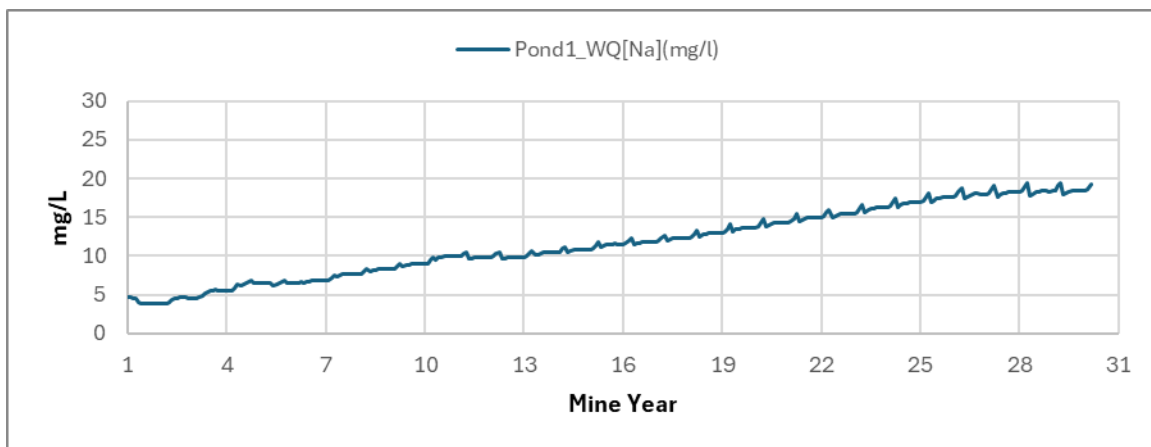


Figure D.1.1-17: Water quality model results for Na at Pond 1.

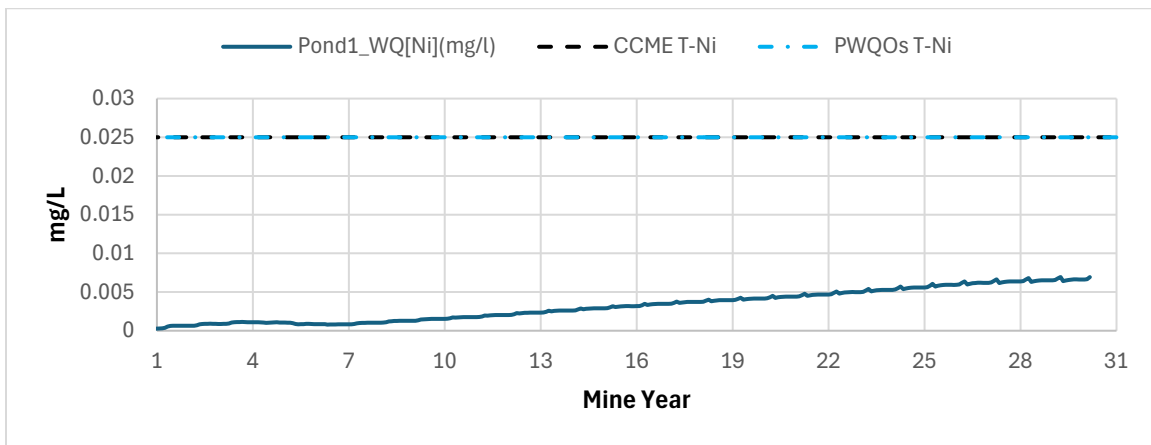


Figure D.1.1-18: Water quality model results for Ni at Pond 1.

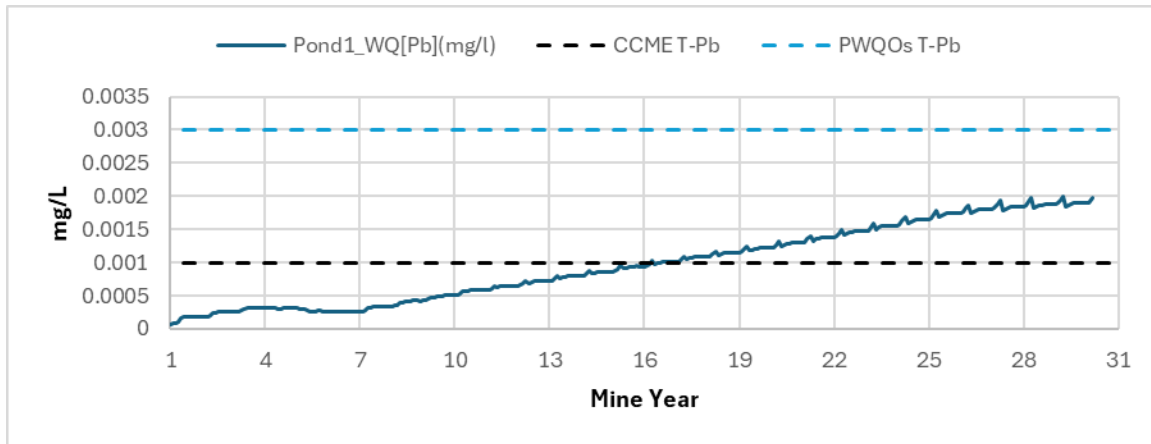


Figure D.1.1-19: Water quality model results for Pb at Pond 1.

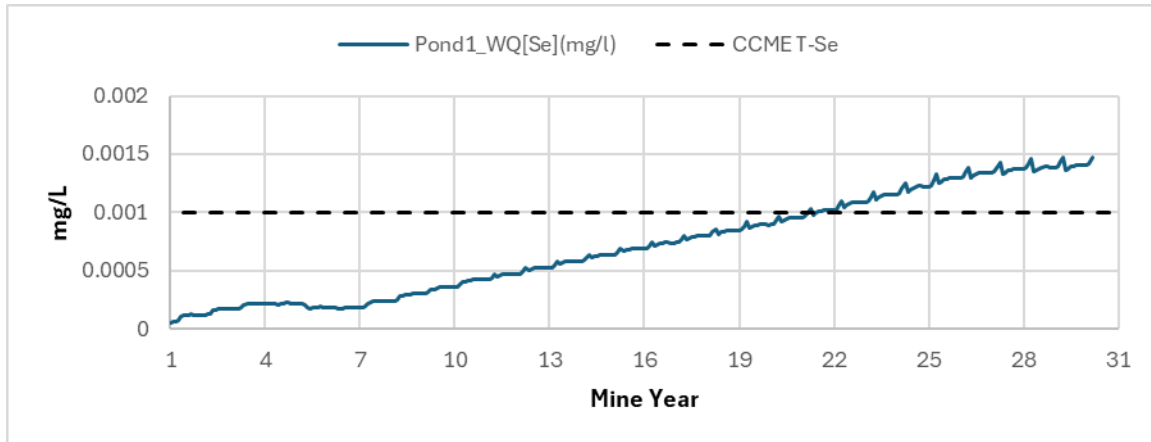


Figure D.1.1-20: Water quality model results for Se at Pond 1.

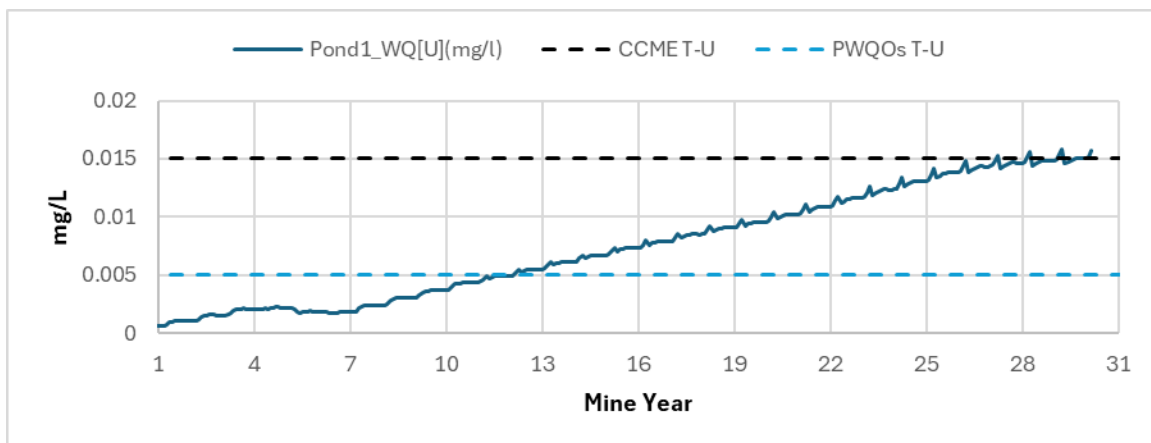


Figure D.1.1-21: Water quality model results for U at Pond 1.

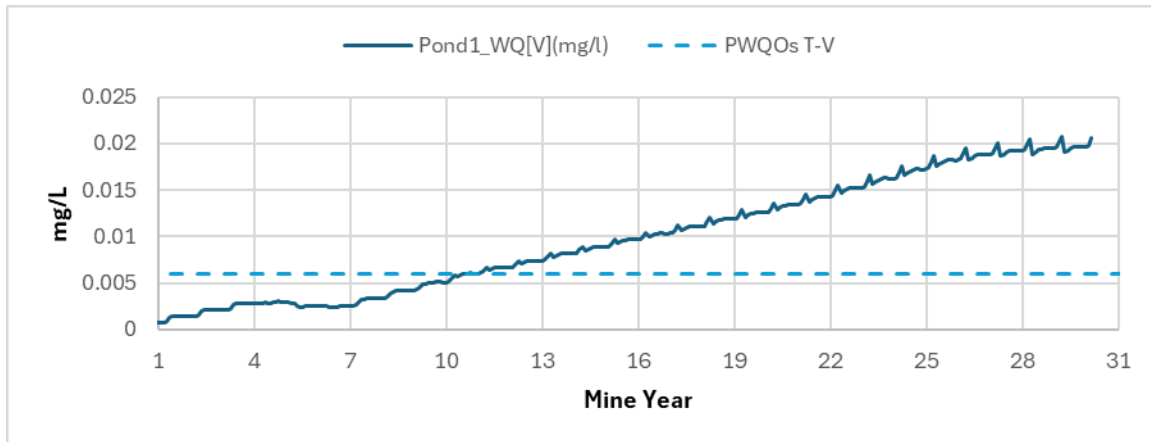


Figure D.1.1-22: Water quality model results for V at Pond 1.

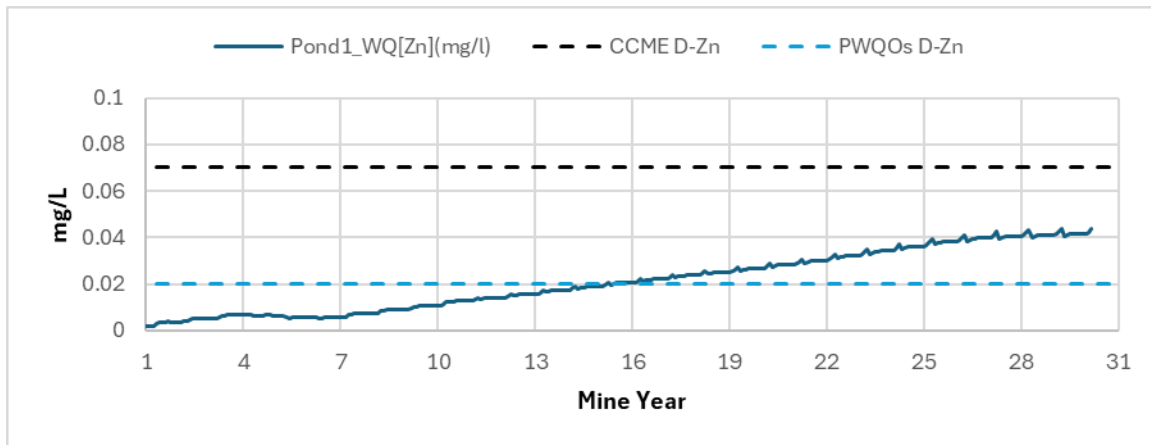


Figure D.1.1-23: Water quality model results for Zn at Pond 1.

D.2 Pond 2

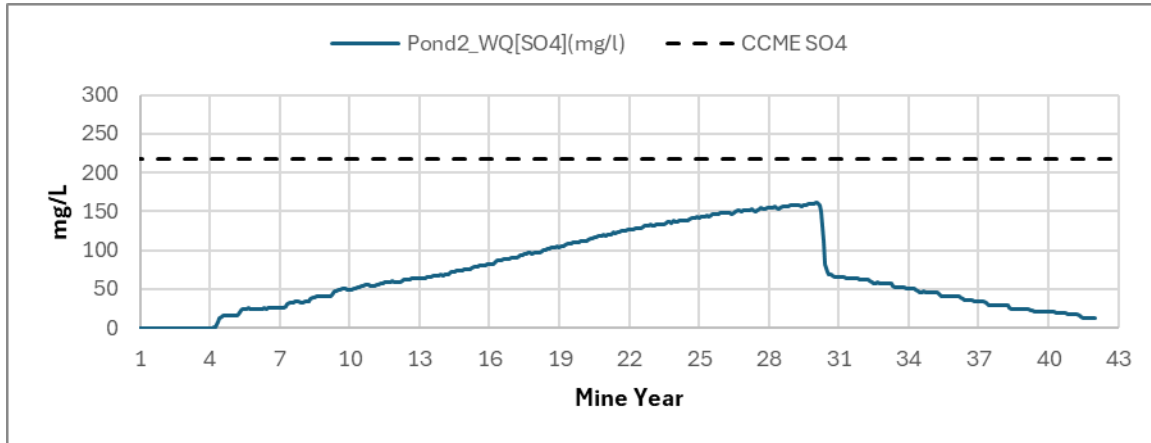


Figure D.1.2-1: Water quality model results for SO_4 at Pond 2.

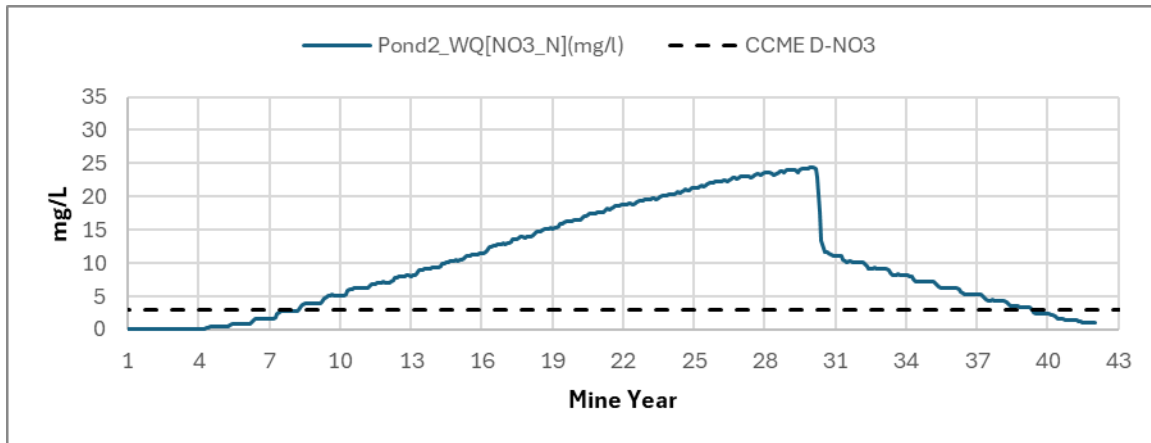


Figure D.1.2-2: Water quality model results for $\text{NO}_3\text{-N}$ at Pond 2.

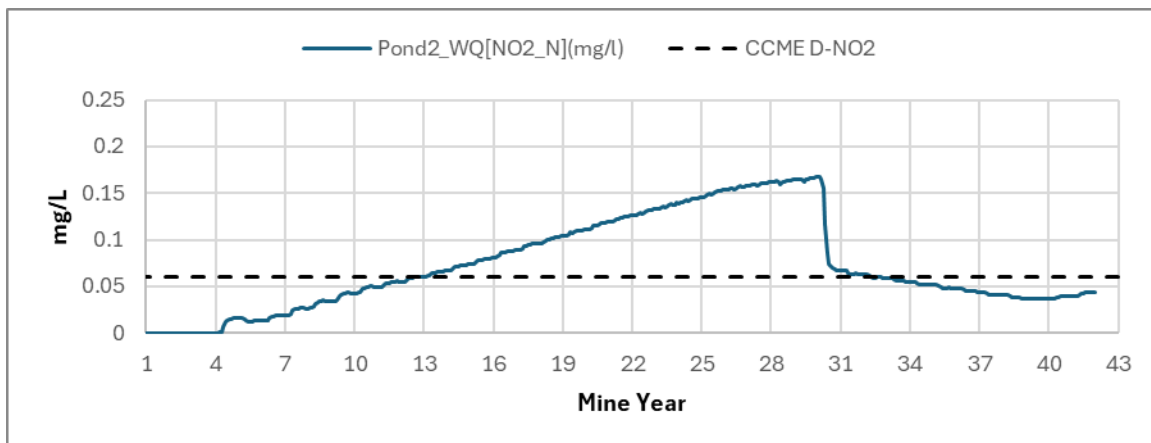


Figure D.1.2-3: Water quality model results for $\text{NO}_2\text{-N}$ at Pond 2.

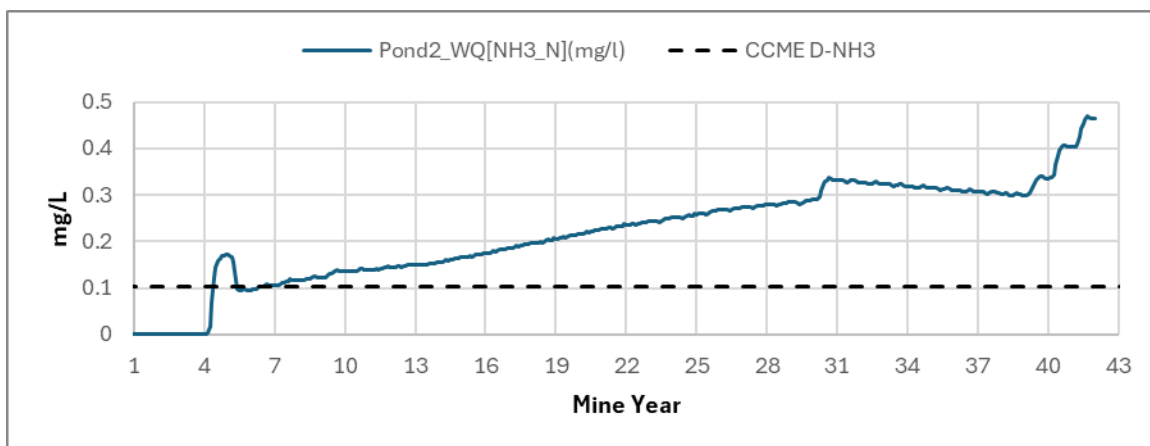


Figure D.1.2-4: Water quality model results for total $\text{NH}_3\text{-N}$ at Pond 2.

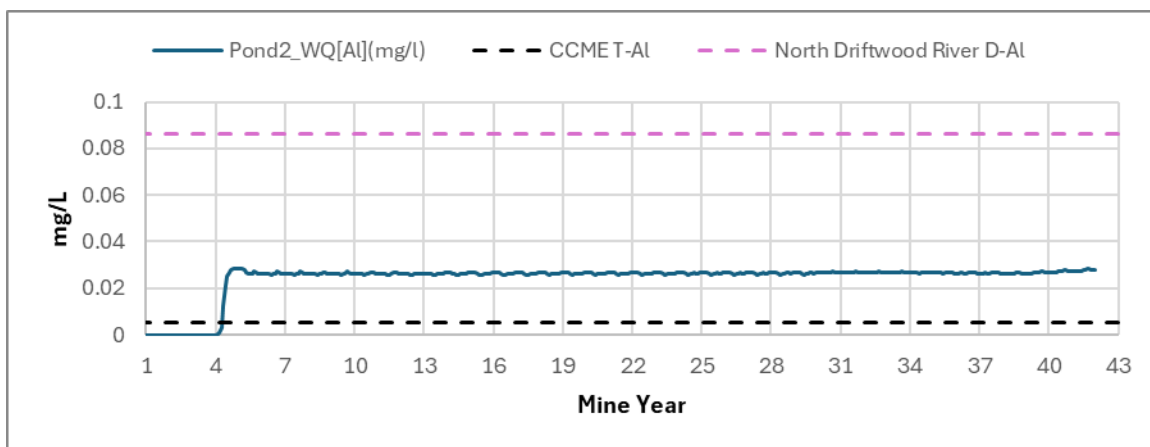


Figure D.1.2-5: Water quality model results for Al at Pond 2.

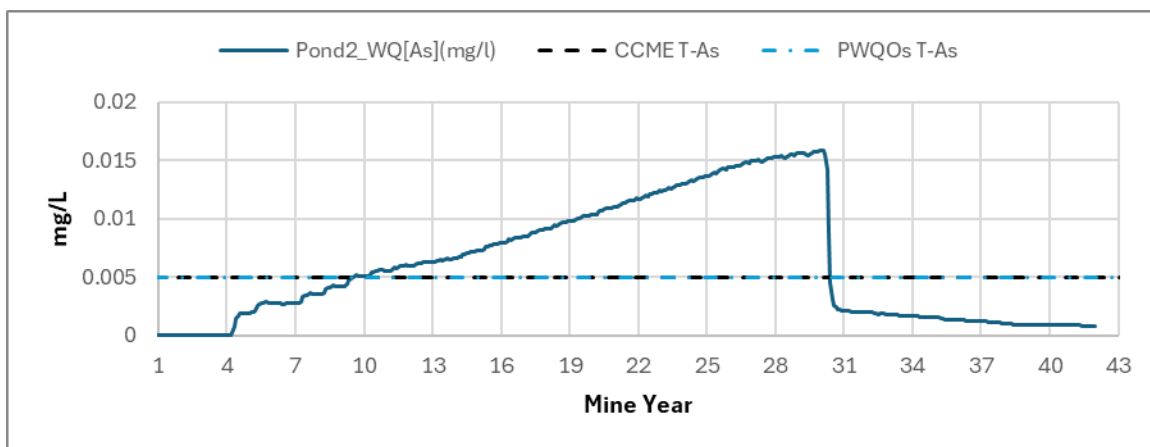


Figure D.1.2-6: Water quality model results for As at Pond 2.

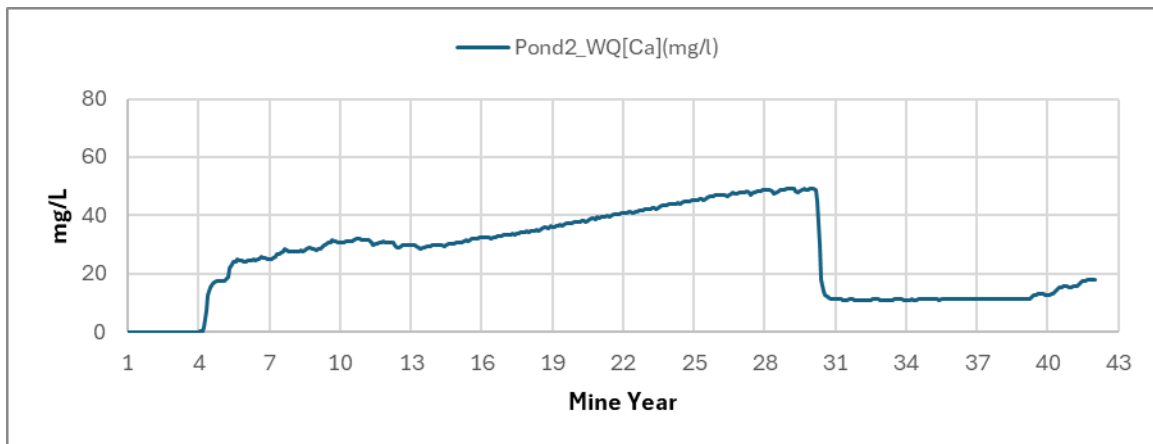


Figure D.1.2-7: Water quality model results for Ca at Pond 2.

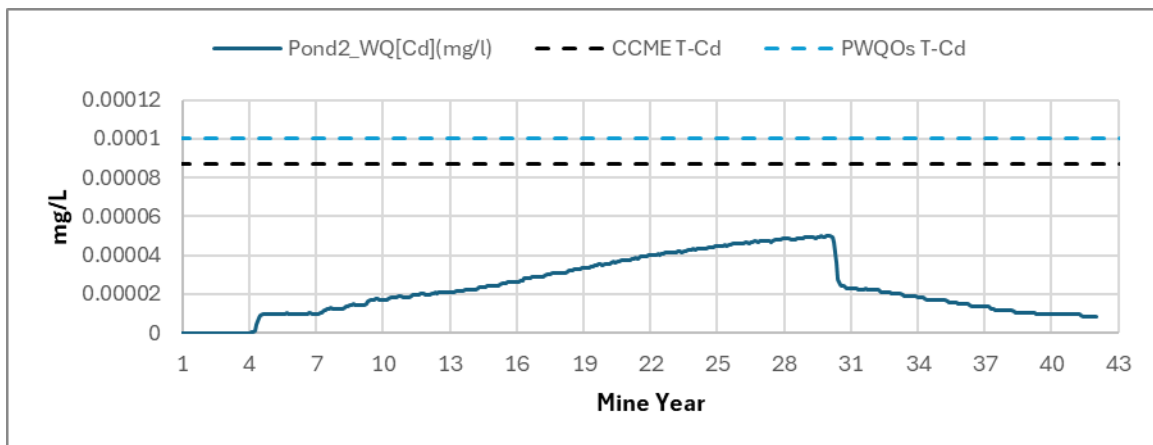


Figure D.1.2-8: Water quality model results for Cd at Pond 2.

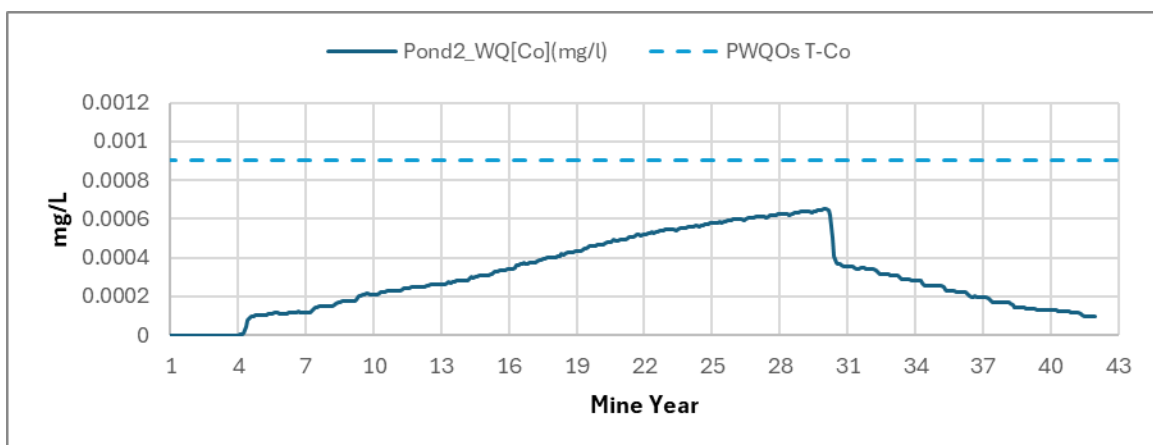


Figure D.1.2-9: Water quality model results for Co at Pond 2.

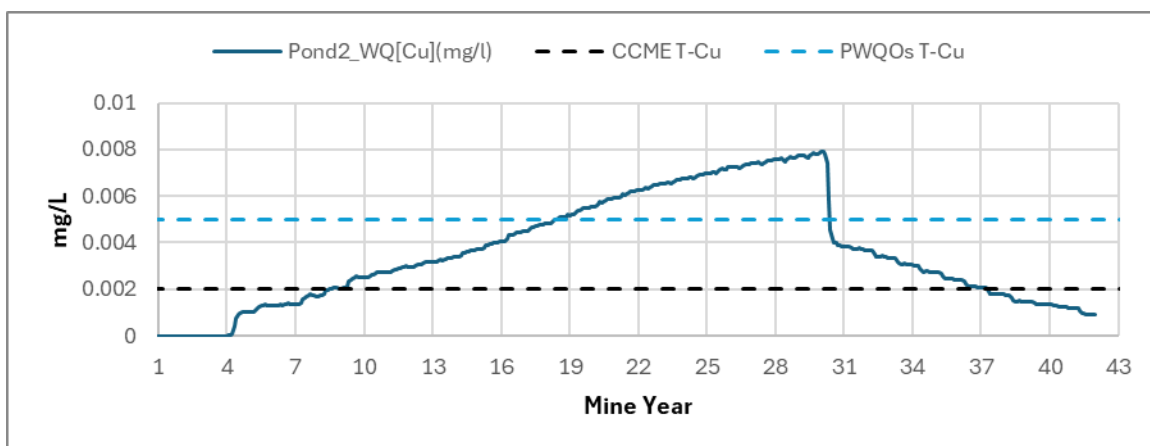


Figure D.1.2-10: Water quality model results for Cu at Pond 2.

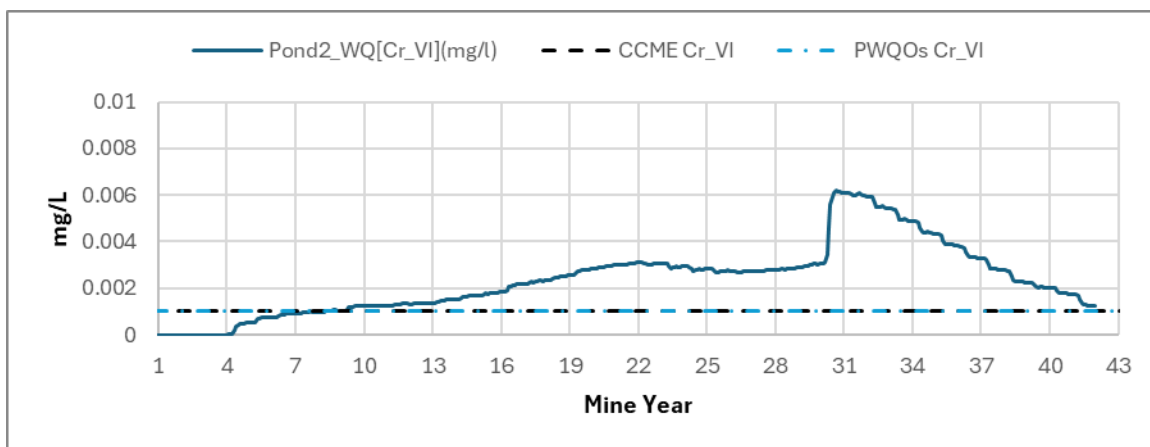


Figure D.1.2-11: Water quality model results for Cr(VI) at Pond 2.

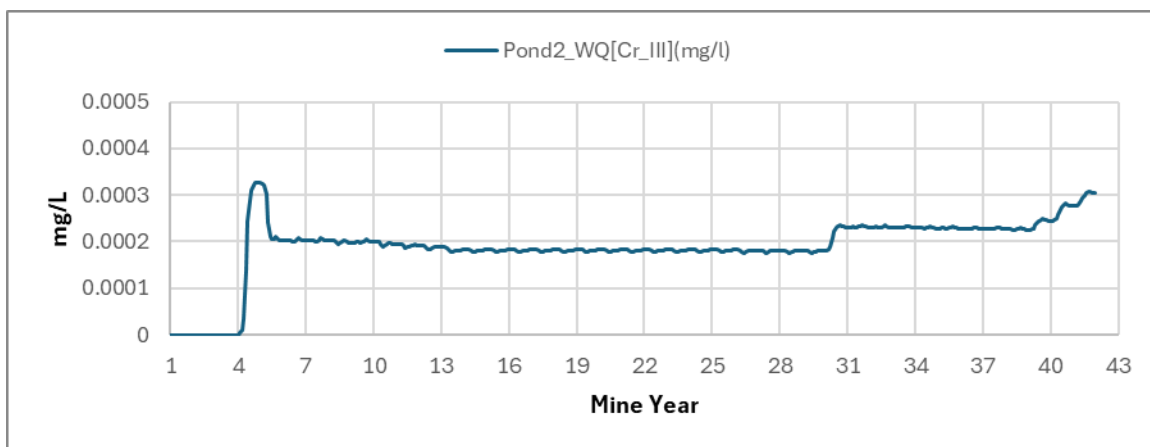


Figure D.1.2-12: Water quality model results for Cr(III) at Pond 2.

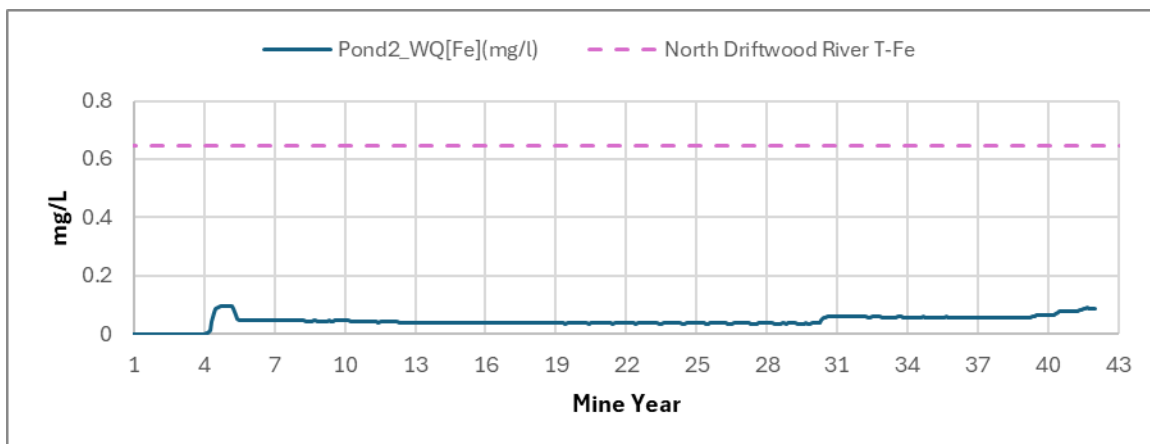


Figure D.1.2-13: Water quality model results for Fe at Pond 2.

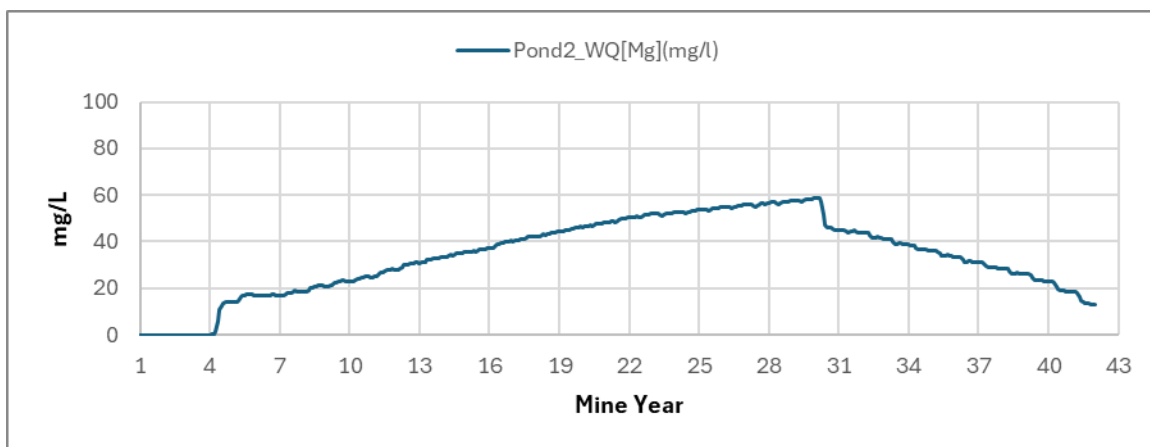


Figure D.1.2-14: Water quality model results for Mg at Pond 2.

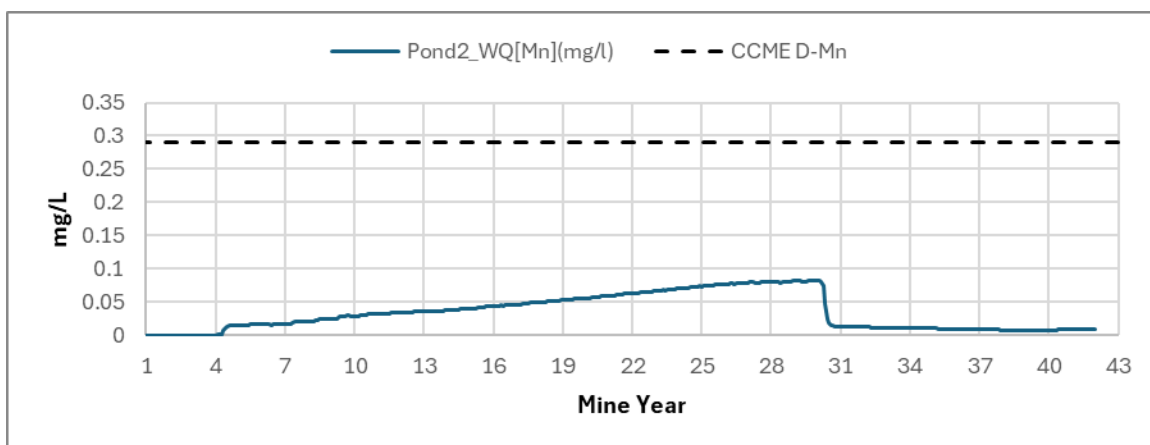


Figure D.1.2-15: Water quality model results for Mn at Pond 2.

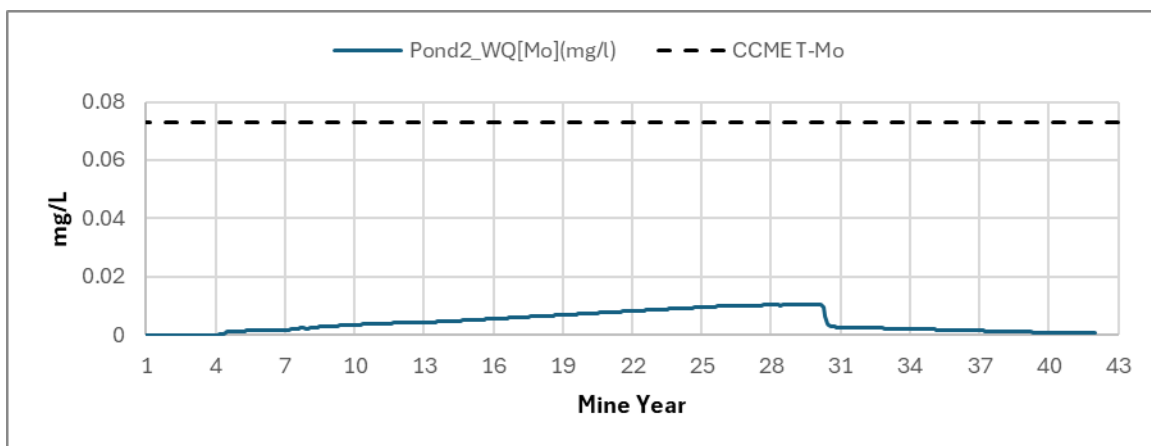


Figure D.1.2-16: Water quality model results for Mo at Pond 2.

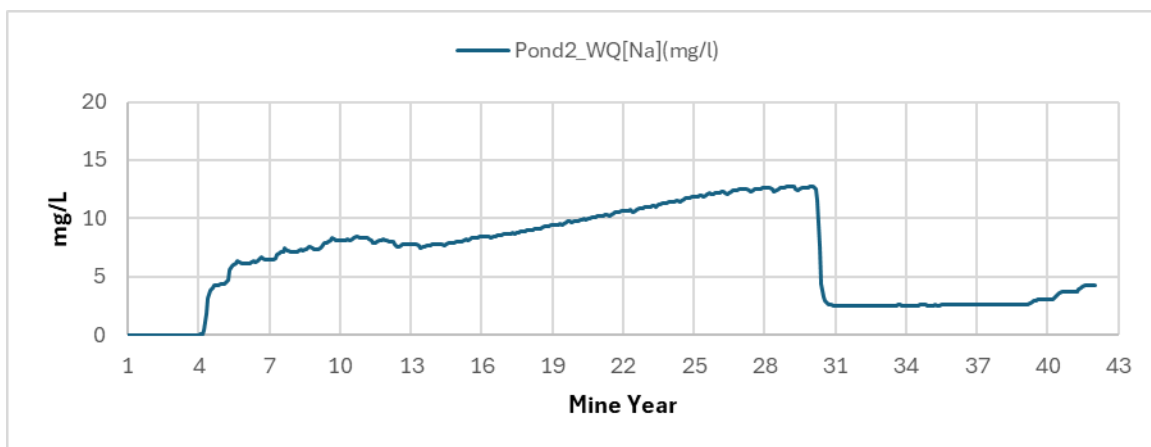


Figure D.1.2-17: Water quality model results for Na at Pond 2.

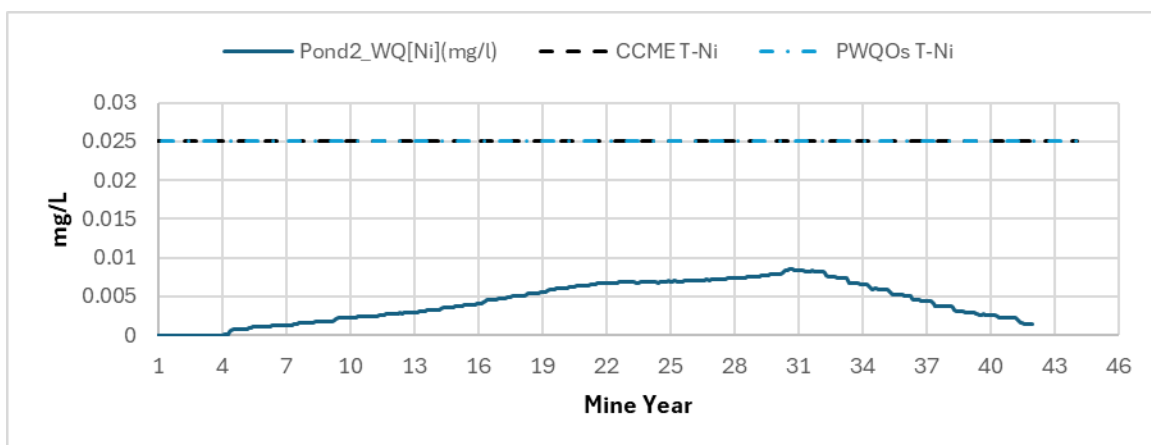


Figure D.1.2-18: Water quality model results for Ni at Pond 2.

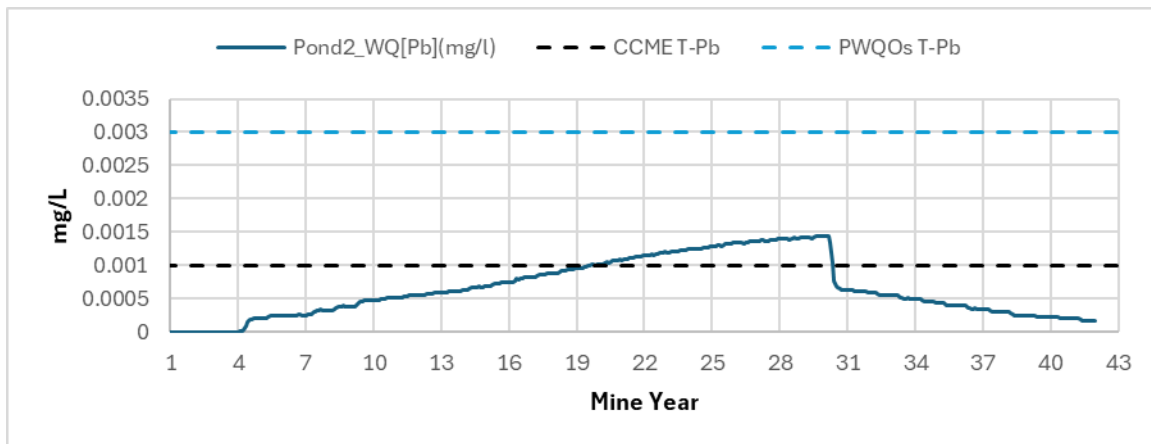


Figure D.1.2-19: Water quality model results for Pb at Pond 2.

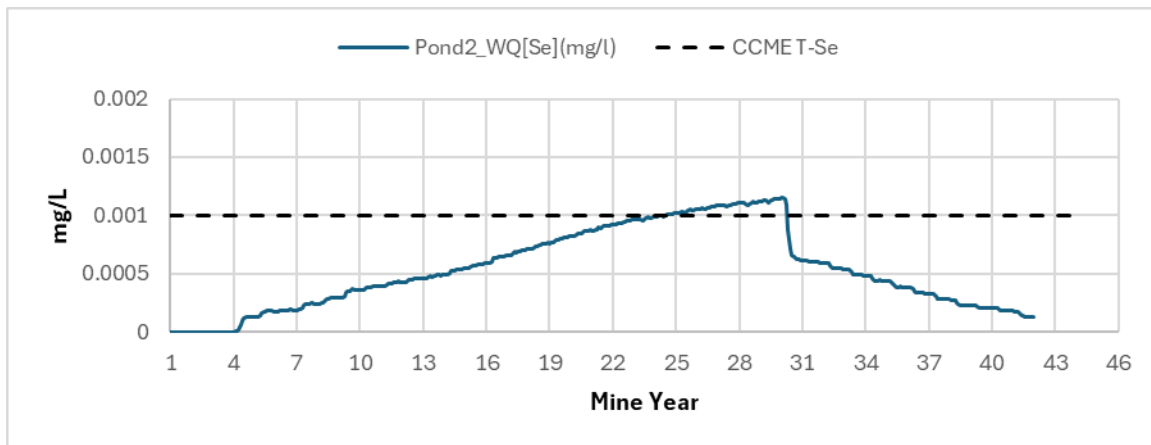


Figure D.1.2-20: Water quality model results for Se at Pond 2.

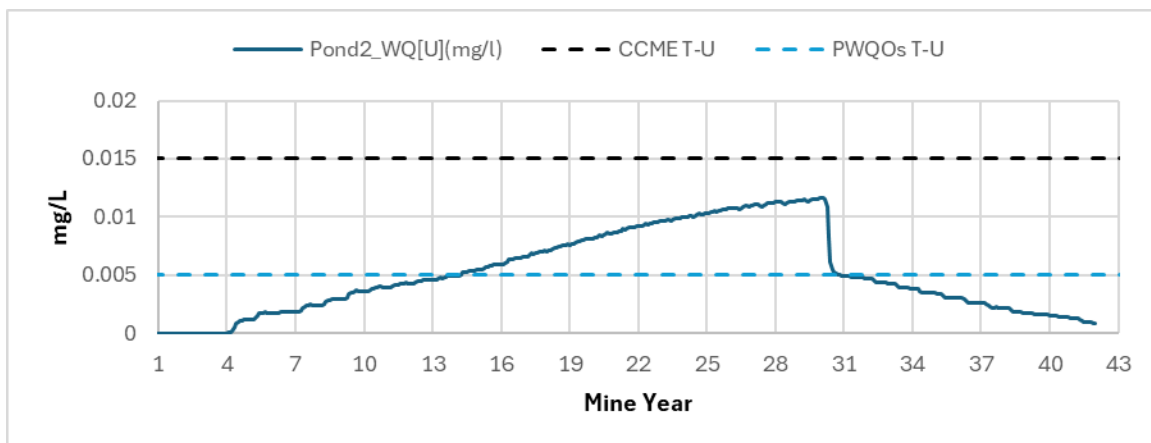


Figure D.1.2-21: Water quality model results for U at Pond 2.

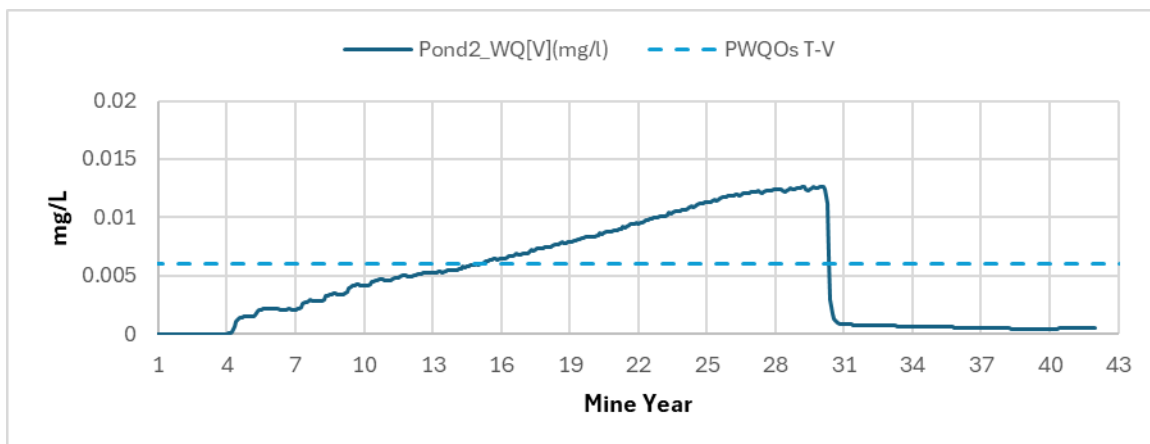


Figure D.1.2-22: Water quality model results for V at Pond 2.

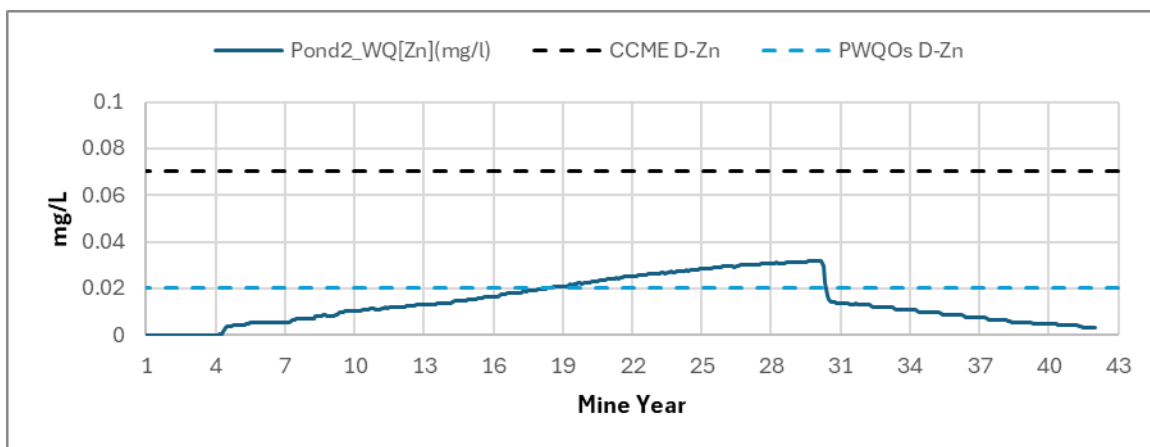


Figure D.1.2-23: Water quality model results for Zn at Pond 2.

D.3 Pond 3

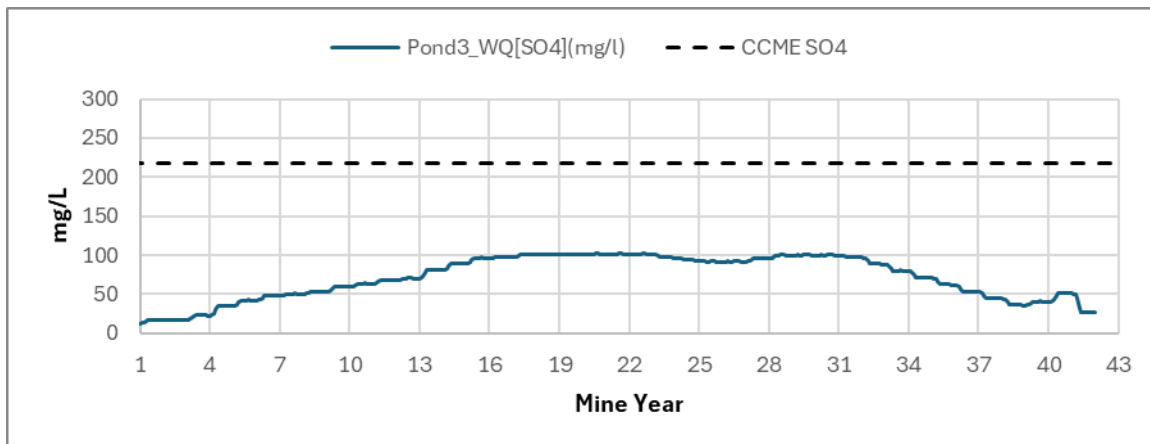


Figure D.1.3-1: Water quality model results for SO₄ at Pond 3.

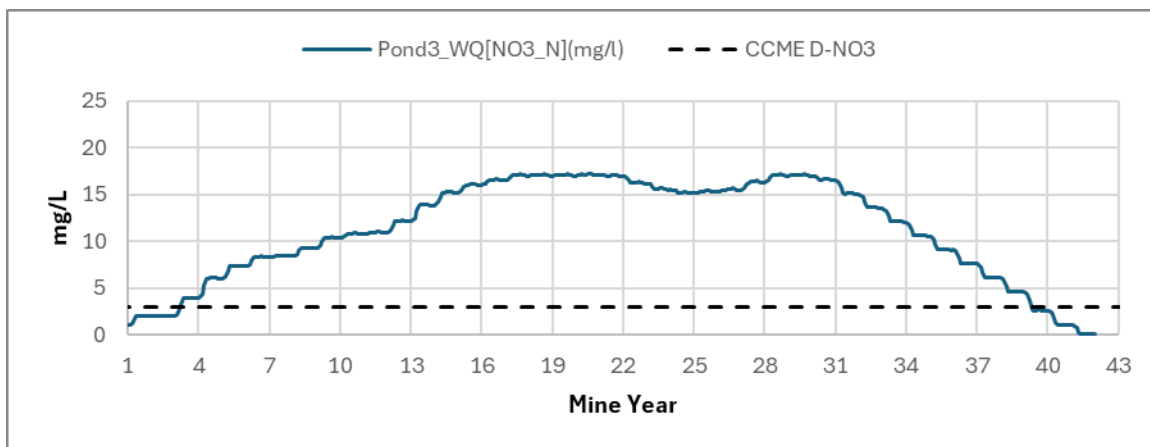


Figure D.1.3-2: Water quality model results for NO₃-N at Pond 3.

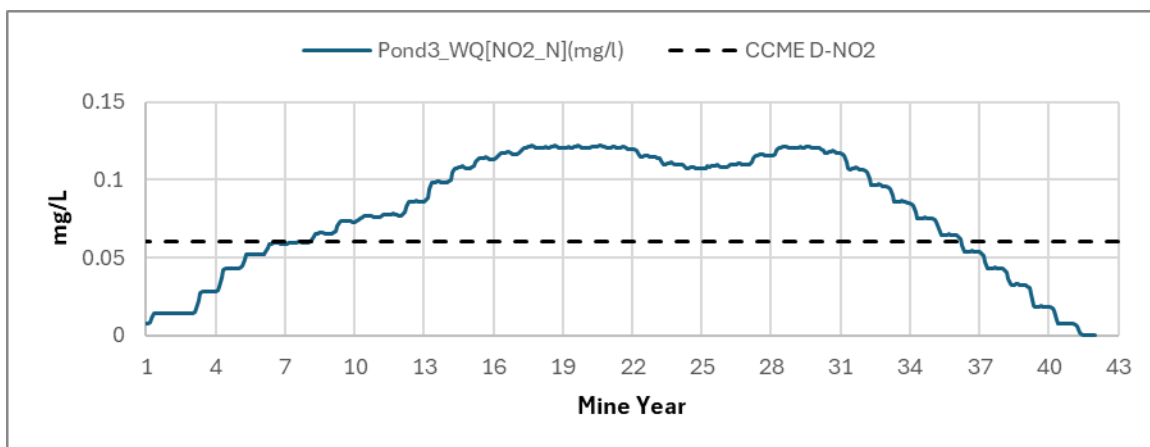


Figure D.1.3-3: Water quality model results for NO₂-N at Pond 3.

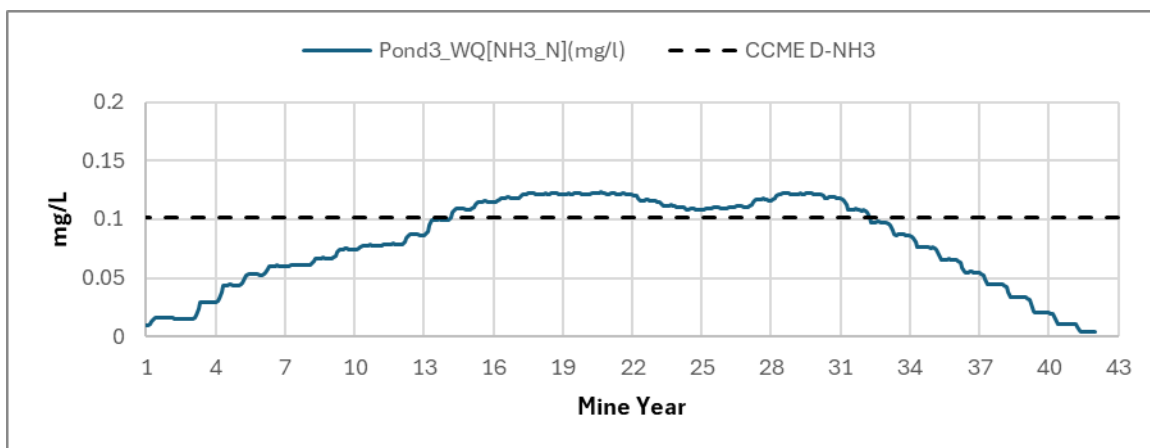


Figure D.1.3-4: Water quality model results for total $\text{NH}_3\text{-N}$ at Pond 3.

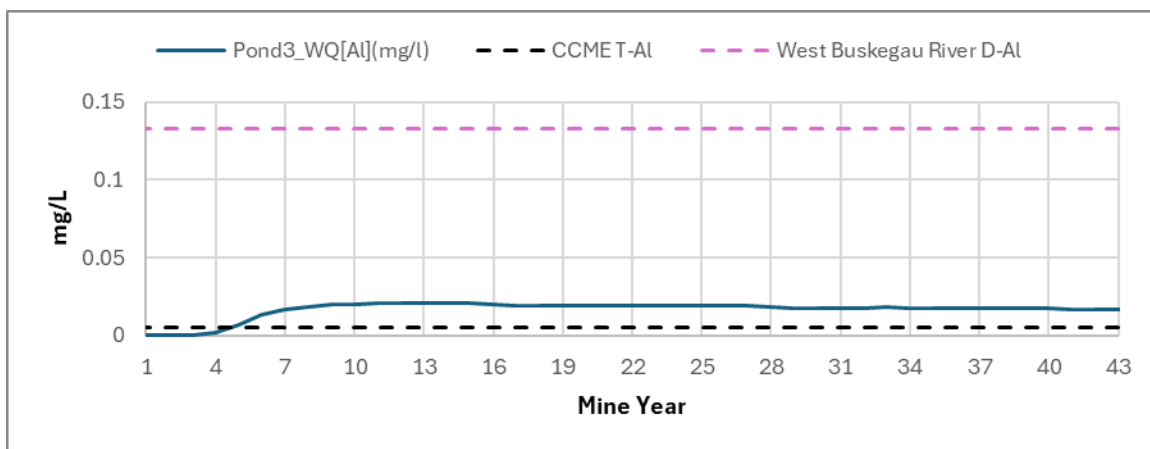


Figure D.1.3-5: Water quality model results for Al at Pond 3.

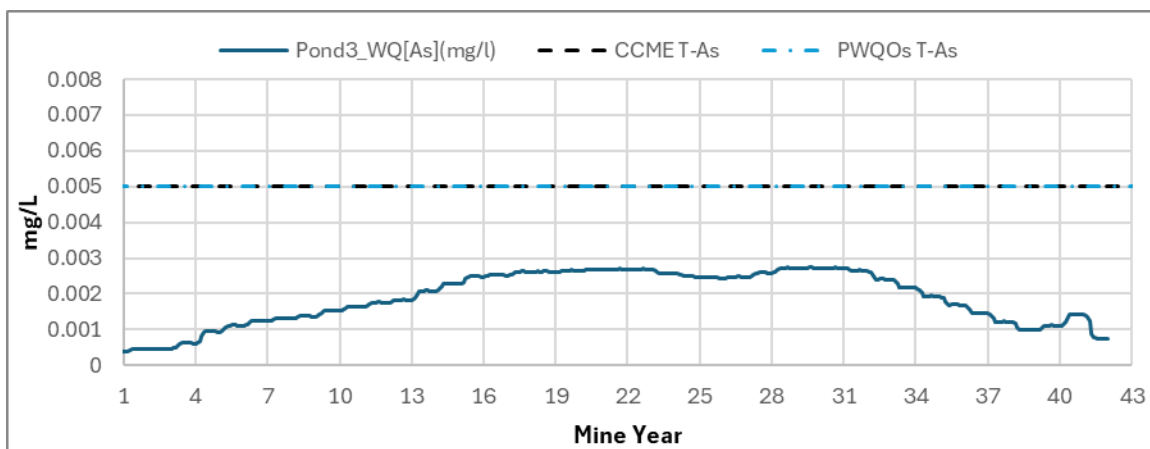


Figure D.1.3-6: Water quality model results for As at Pond 3.

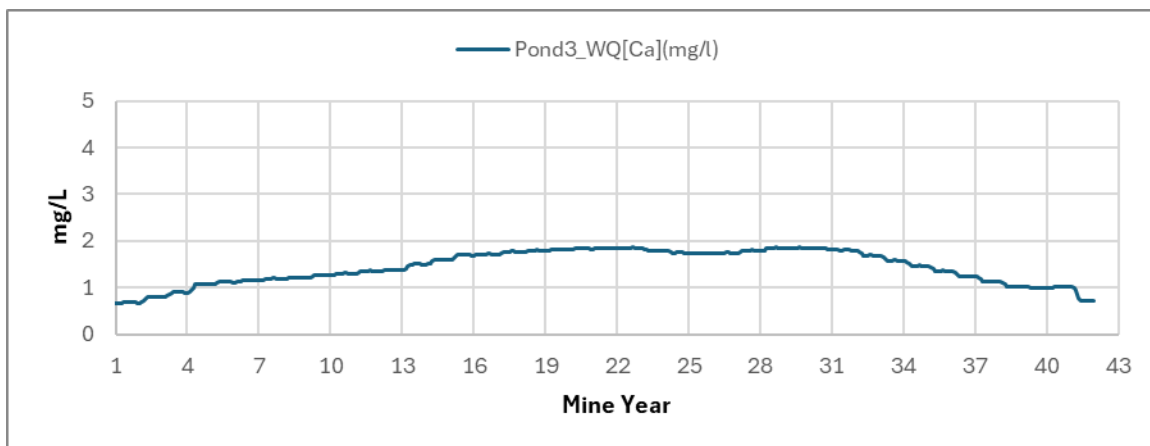


Figure D.1.3-7: Water quality model results for Ca at Pond 3.

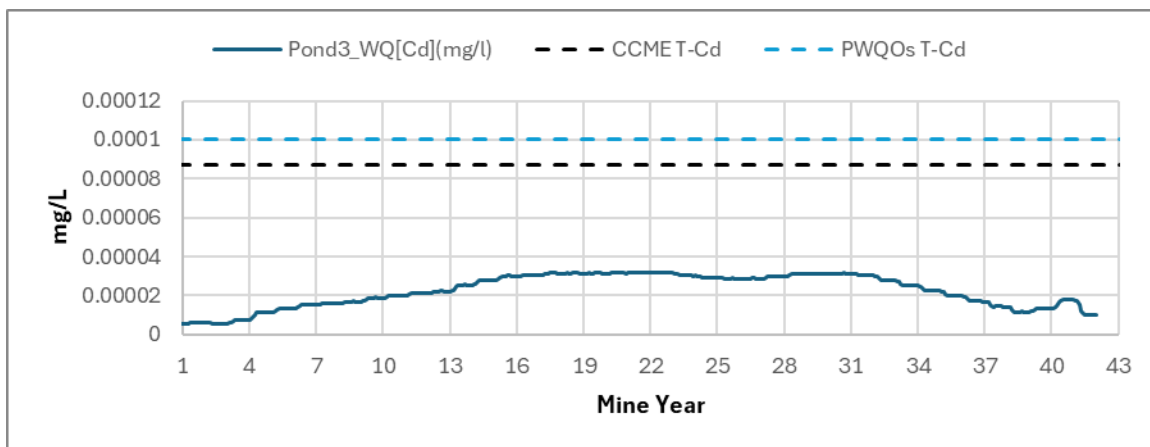


Figure D.1.3-8: Water quality model results for Cd at Pond 3.

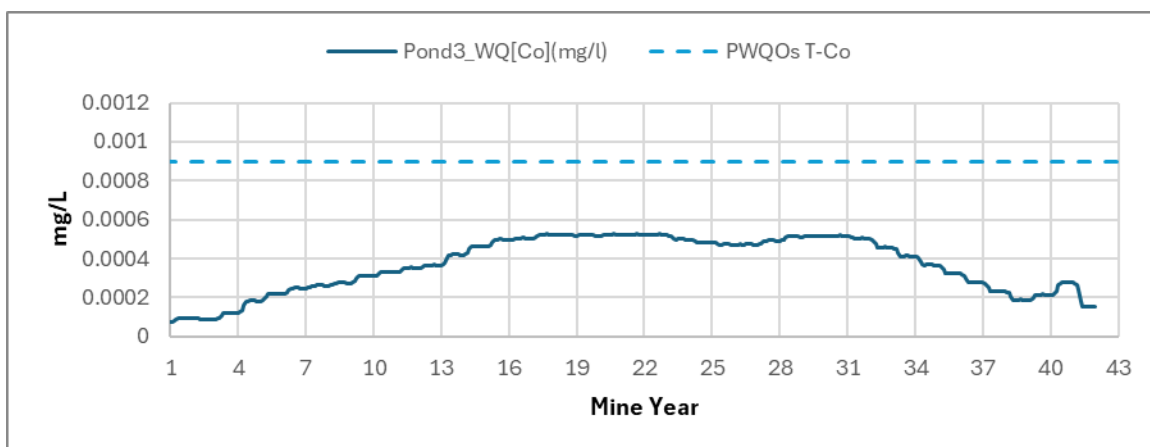


Figure D.1.3-9: Water quality model results for Co at Pond 3.

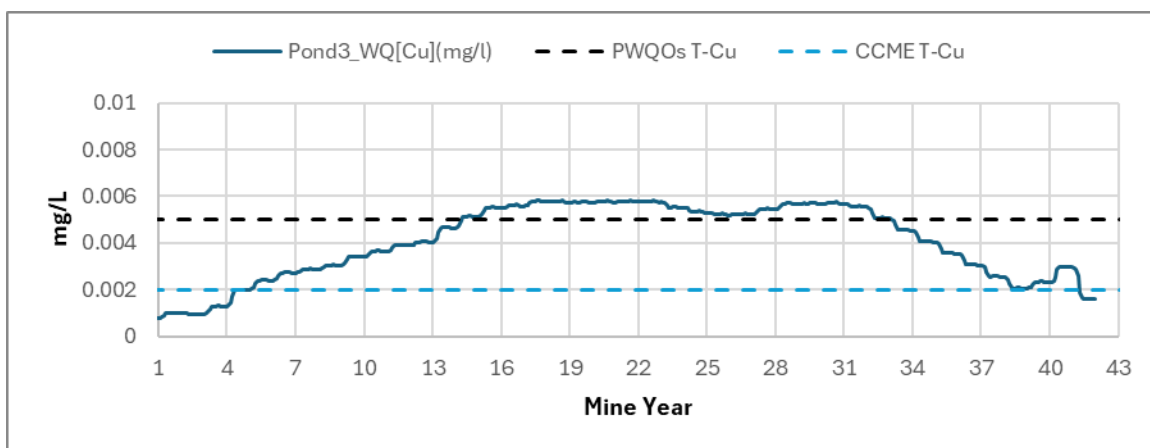


Figure D.1.3-10: Water quality model results for Cu at Pond 3.

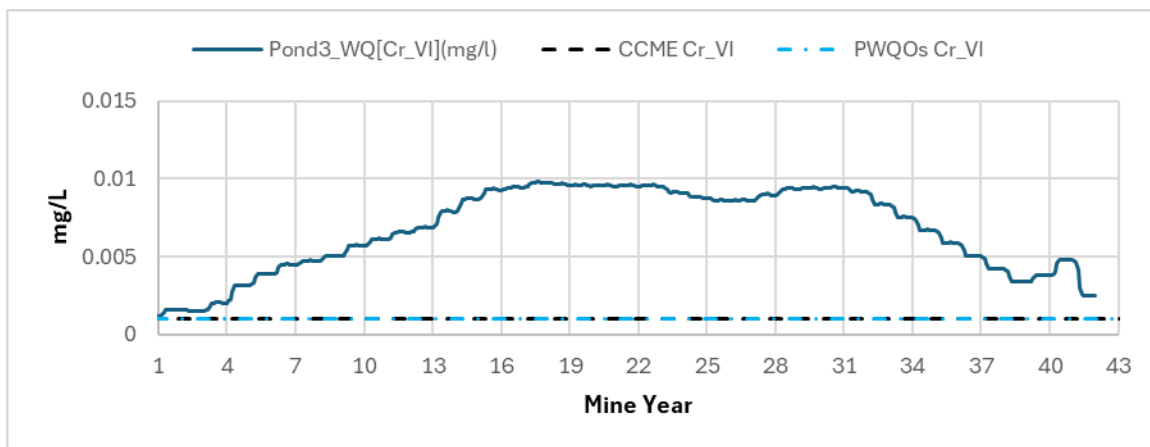


Figure D.1.3-11: Water quality model results for Cr(VI) at Pond 3.

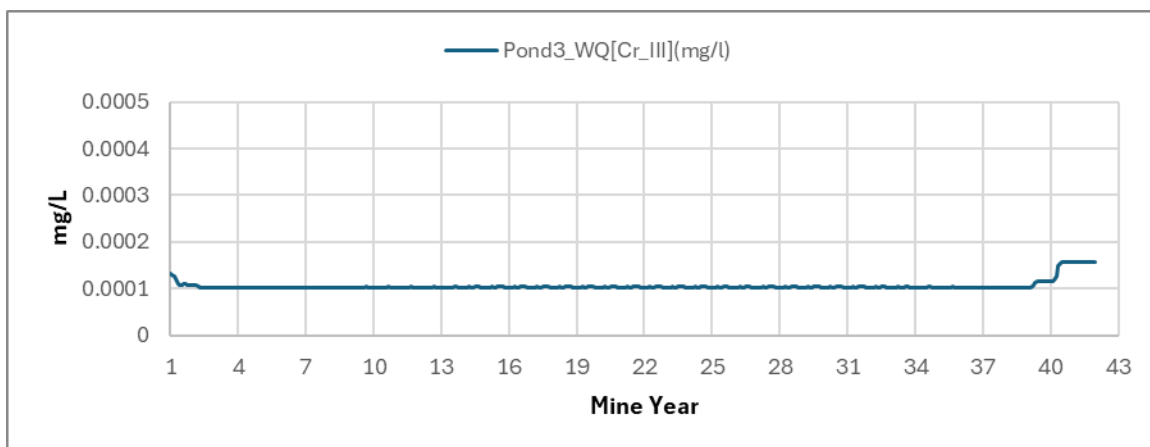


Figure D.1.3-12: Water quality model results for Cr(III) at Pond 3.

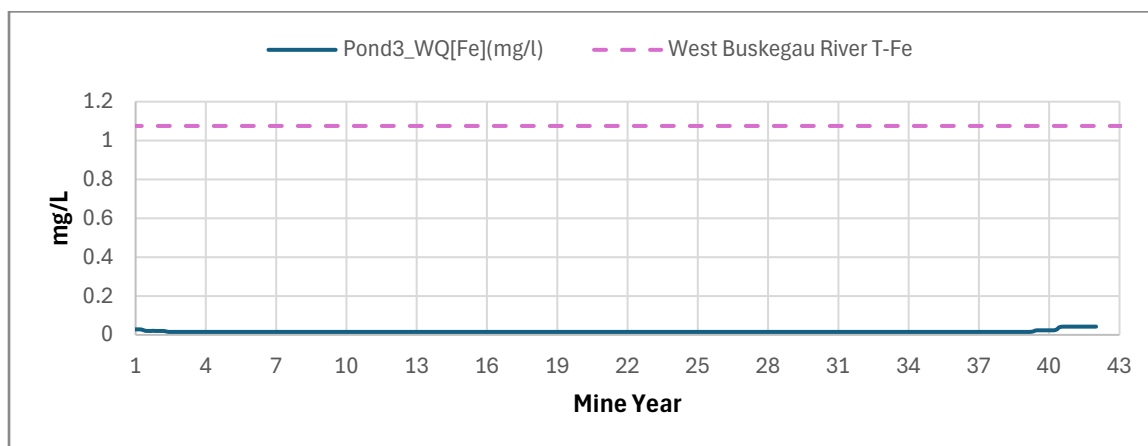


Figure D.1.3-13: Water quality model results for Fe at Pond 3.

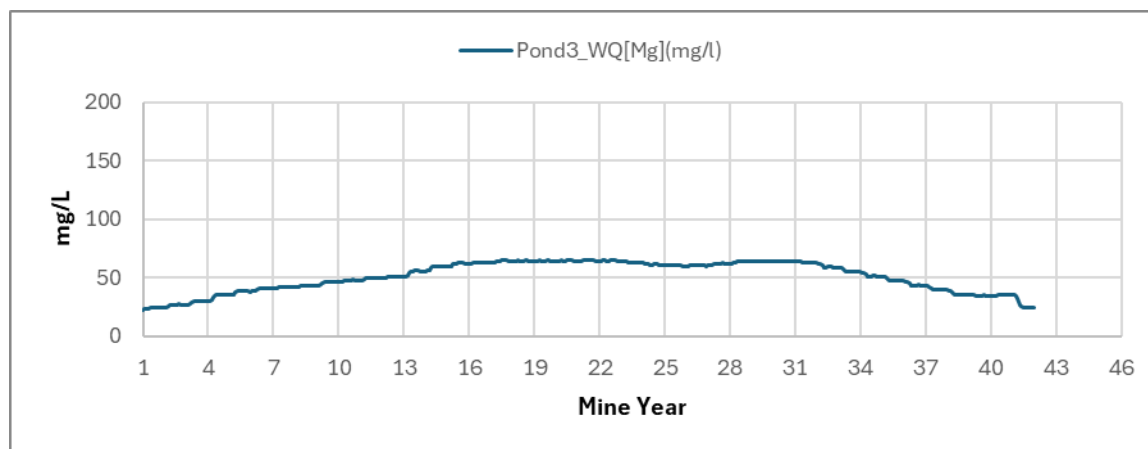


Figure D.1.3-14: Water quality model results for Mg at Pond 3.

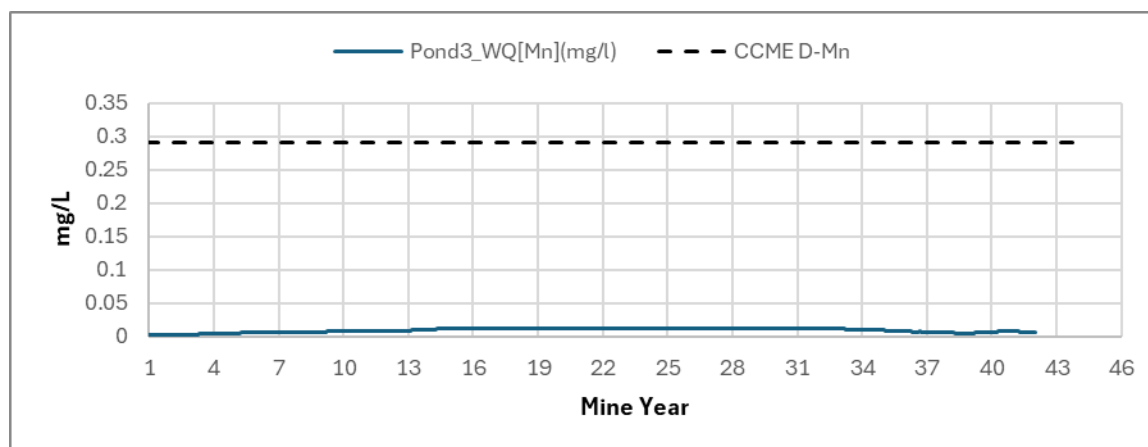


Figure D.1.3-15: Water quality model results for Mn at Pond 3.

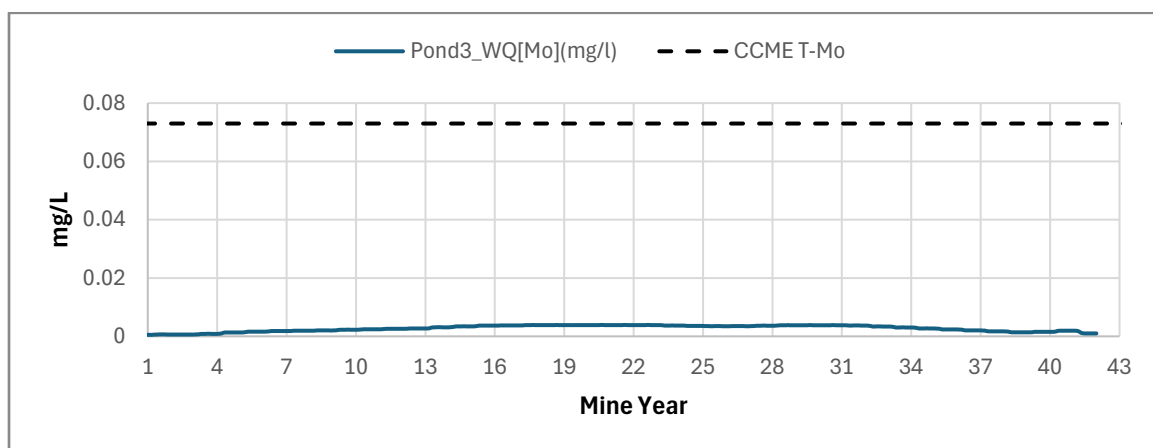


Figure D.1.3-16: Water quality model results for Mo at Pond 3.

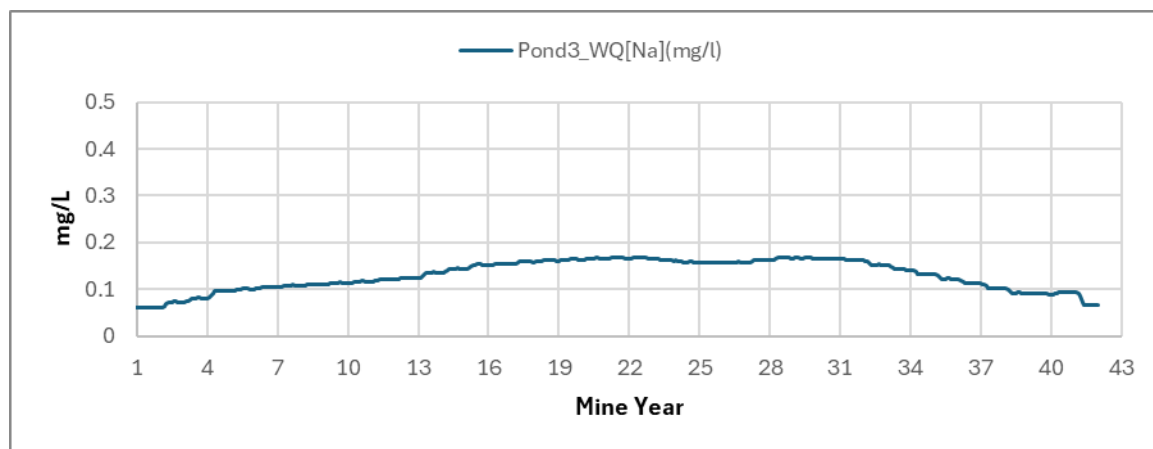


Figure D.1.3-17: Water quality model results for Na at Pond 3.

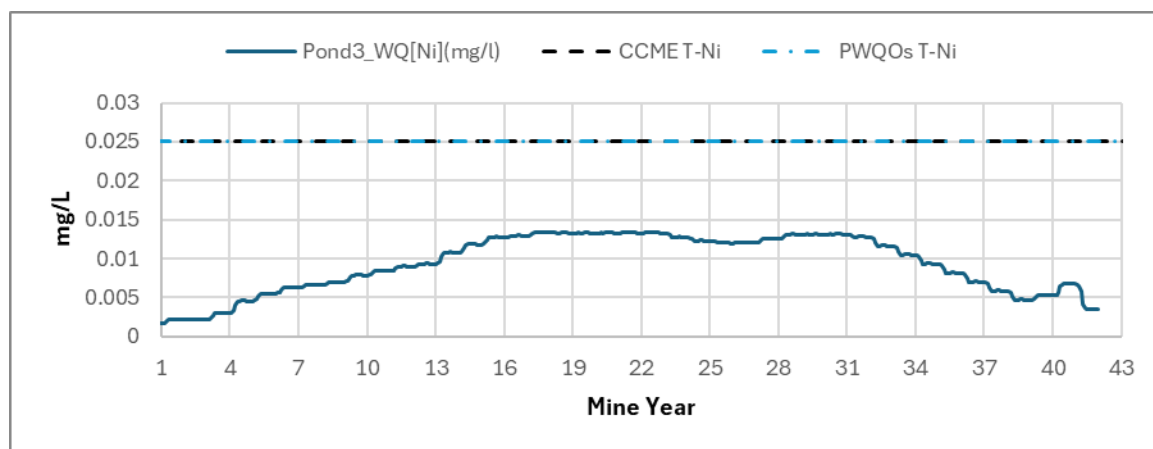


Figure D.1.3-18: Water quality model results for Ni at Pond 3.

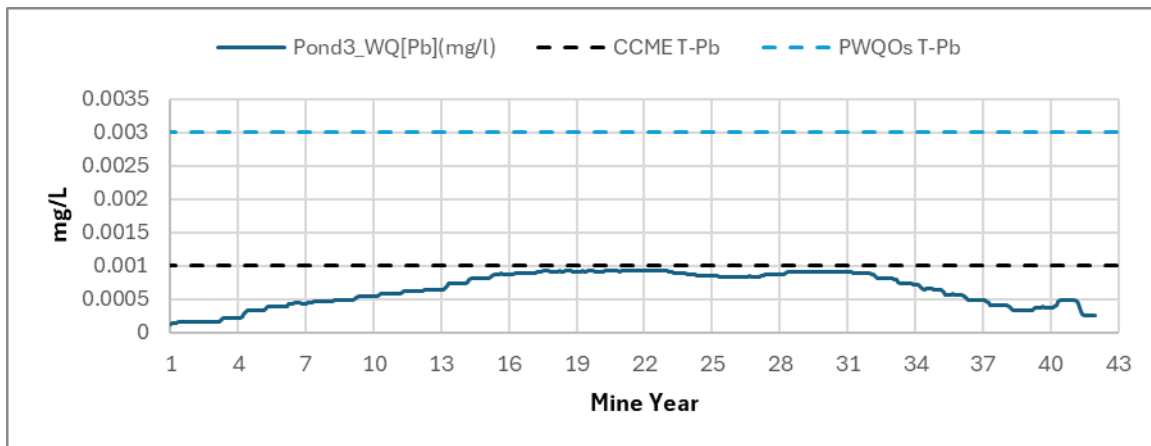


Figure D.1.3-19: Water quality model results for Pb at Pond 3.

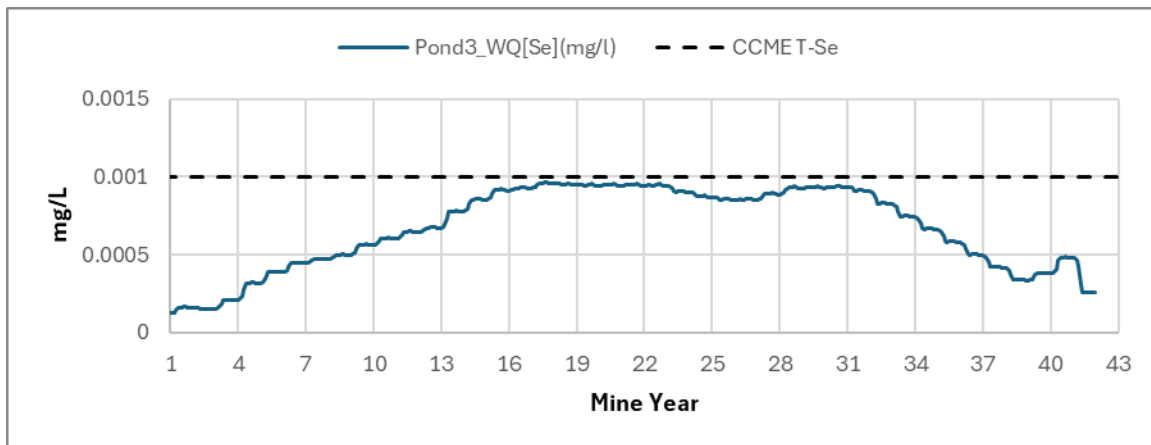


Figure D.1.3-20: Water quality model results for Se at Pond 3.

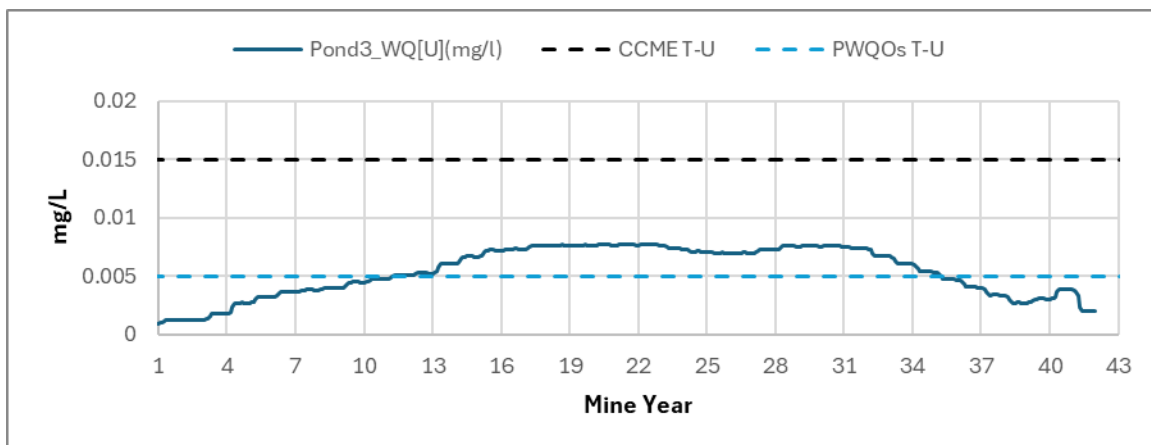


Figure D.1.3-21: Water quality model results for U at Pond 3.

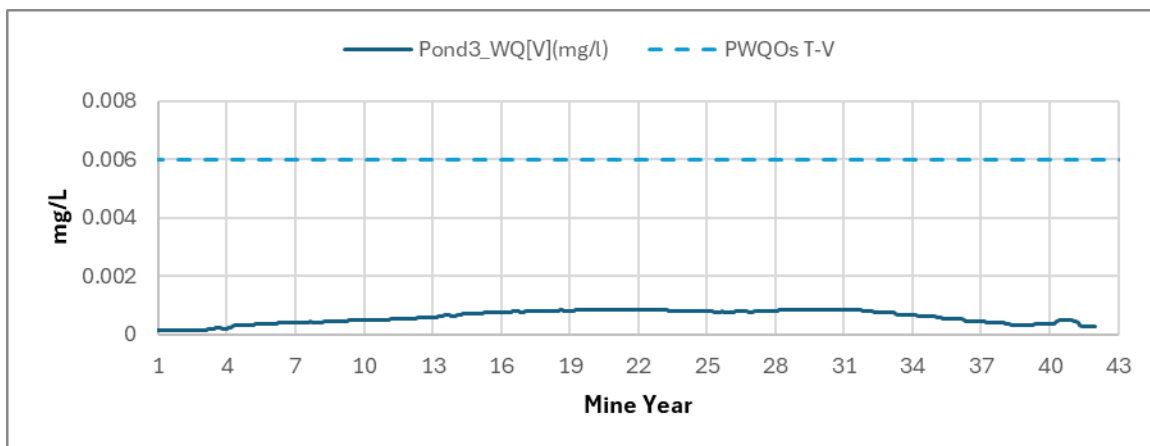


Figure D.1.3-22: Water quality model results for V at Pond 3.

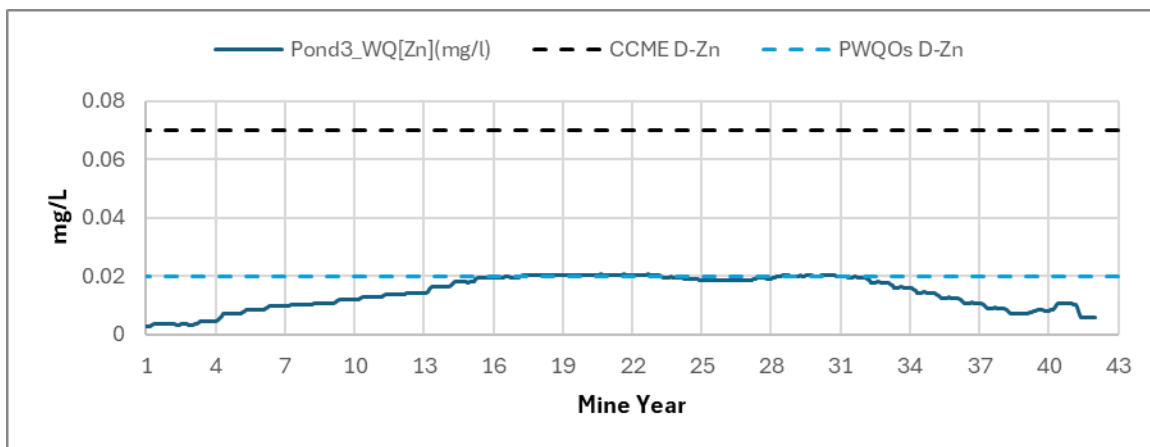


Figure D.1.3-23: Water quality model results for Zn at Pond 3.

D.4 TMF NE Pond

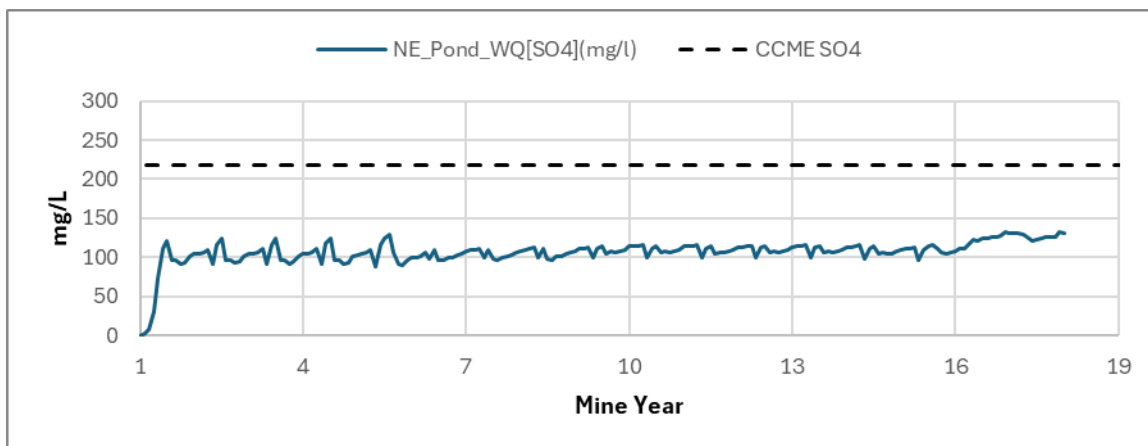


Figure D.1.4-1: Water quality model results for SO_4 at TMF NE Pond.

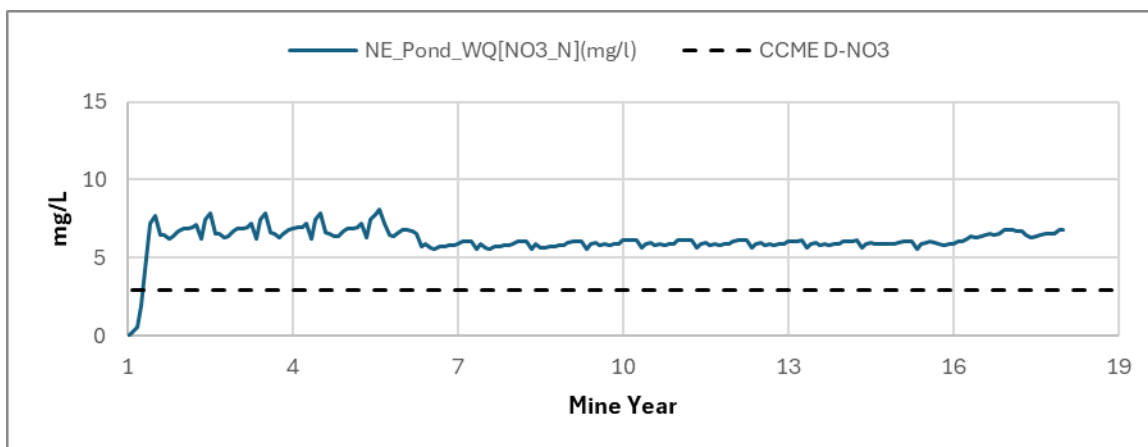


Figure D.1.4-2: Water quality model results for $\text{NO}_3\text{-N}$ at TMF NE Pond.

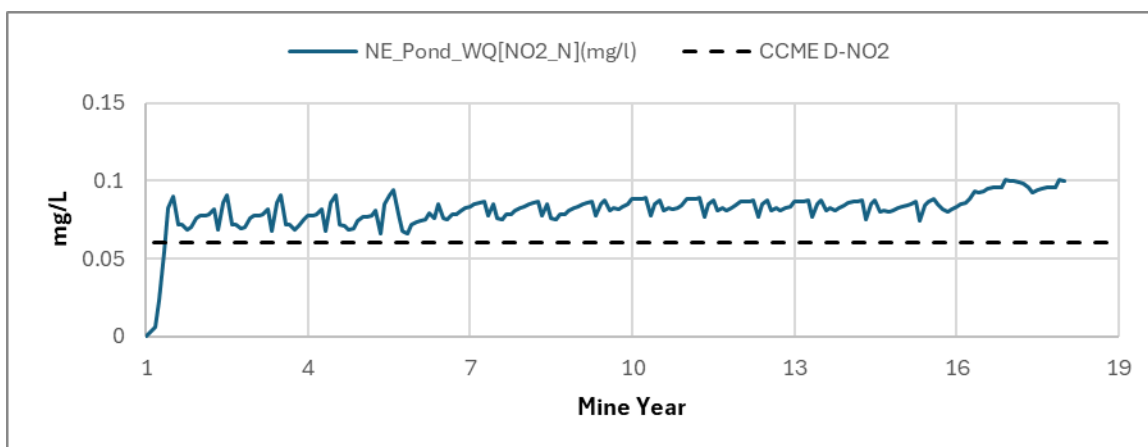


Figure D.1.4-3: Water quality model results for $\text{NO}_2\text{-N}$ at TMF NE Pond.

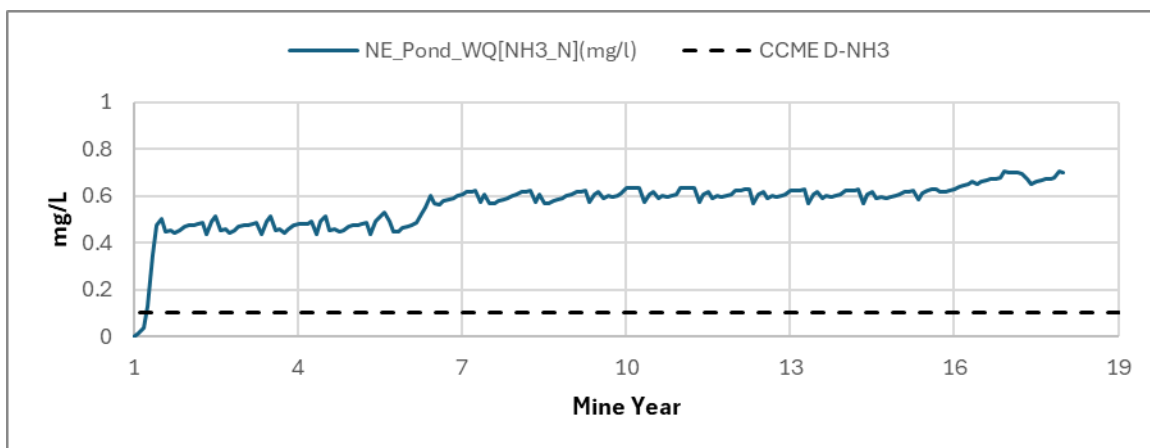


Figure D.1.4-4: Water quality model results for total $\text{NH}_3\text{-N}$ at TMF NE Pond.

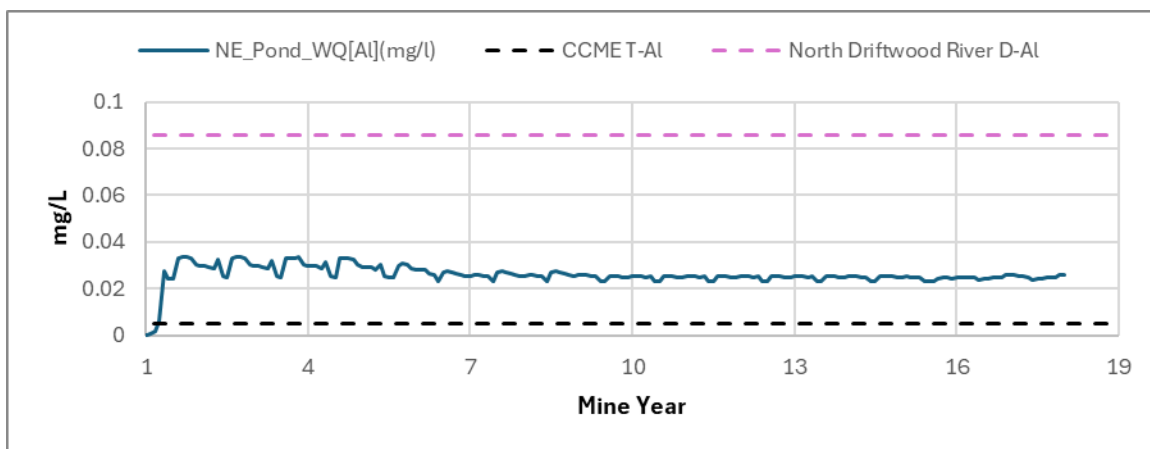


Figure D.1.4-5: Water quality model results for Al at TMF NE Pond.

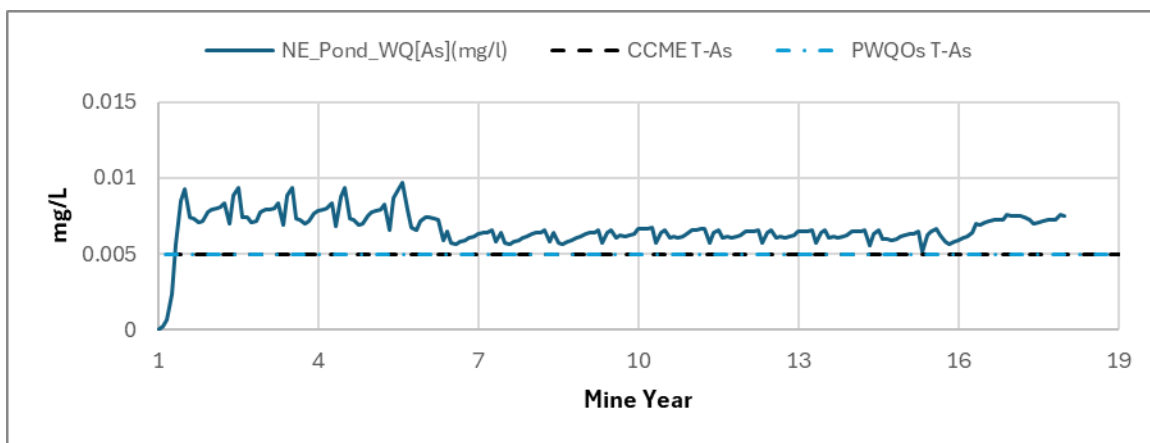


Figure D.1.4-6: Water quality model results for As at TMF NE Pond.

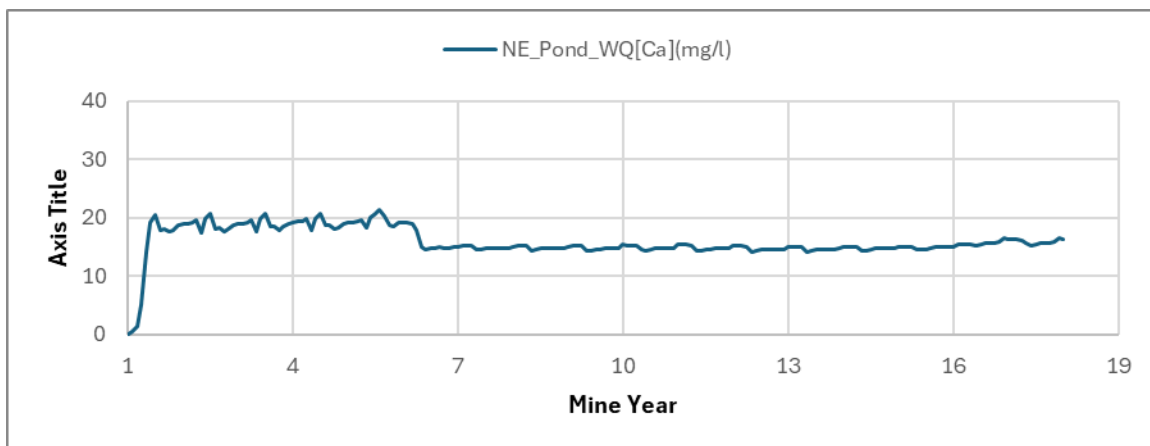


Figure D.1.4-7: Water quality model results for Ca at TMF NE Pond.

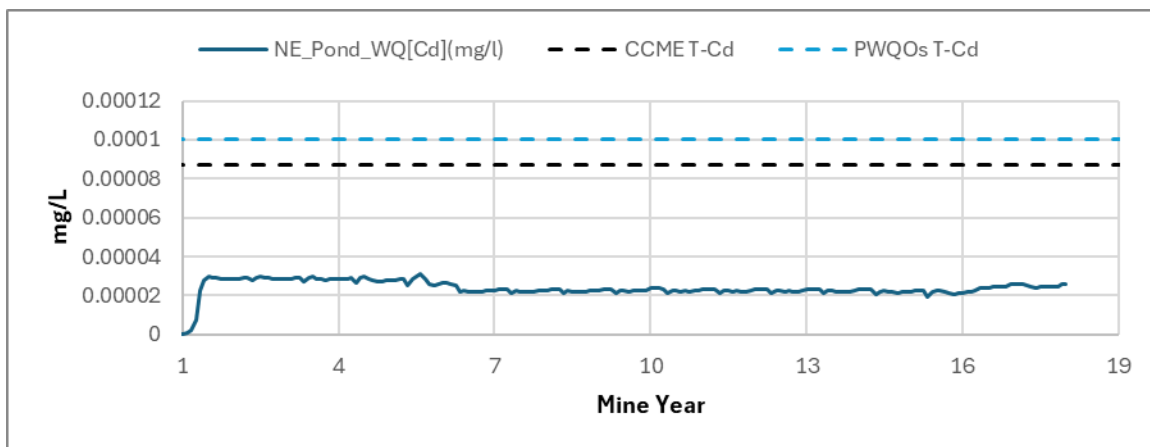


Figure D.1.4-8: Water quality model results for Cd at TMF NE Pond.

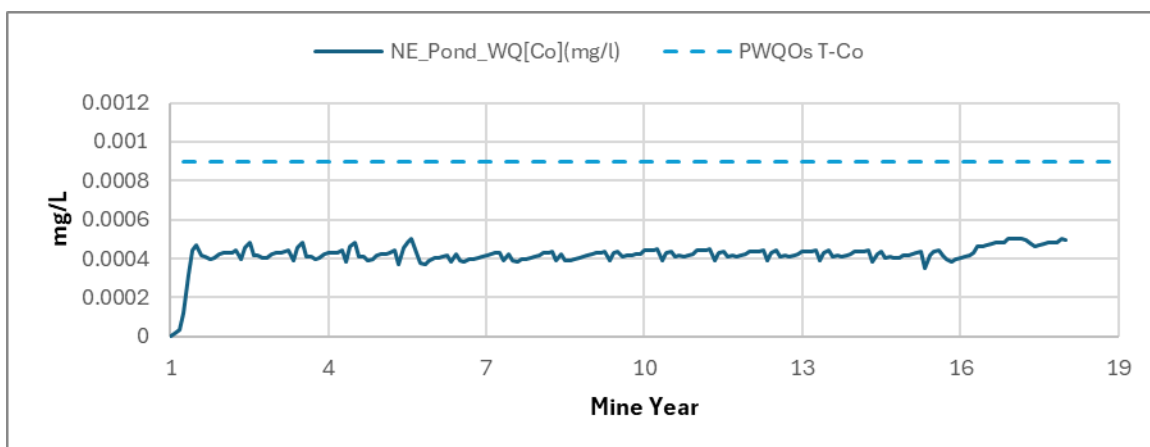


Figure D.1.4-9: Water quality model results for Co at TMF NE Pond.

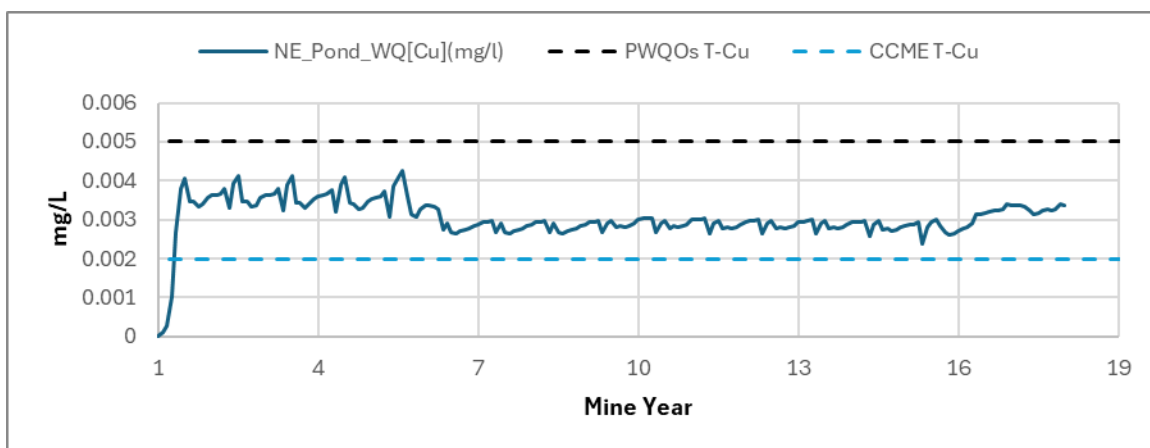


Figure D.1.4-10: Water quality model results for Cu at TMF NE Pond.

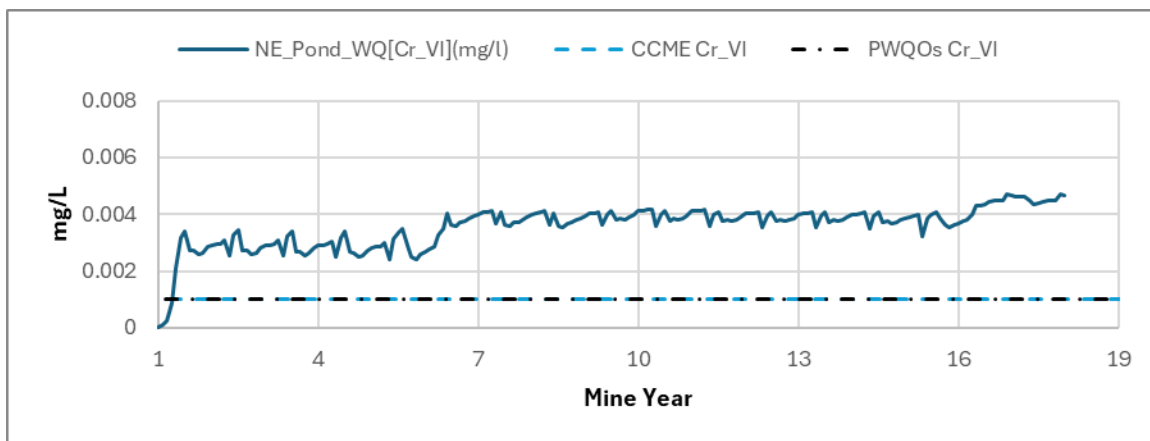


Figure D.1.4-11: Water quality model results for Cr(VI) at TMF NE Pond.

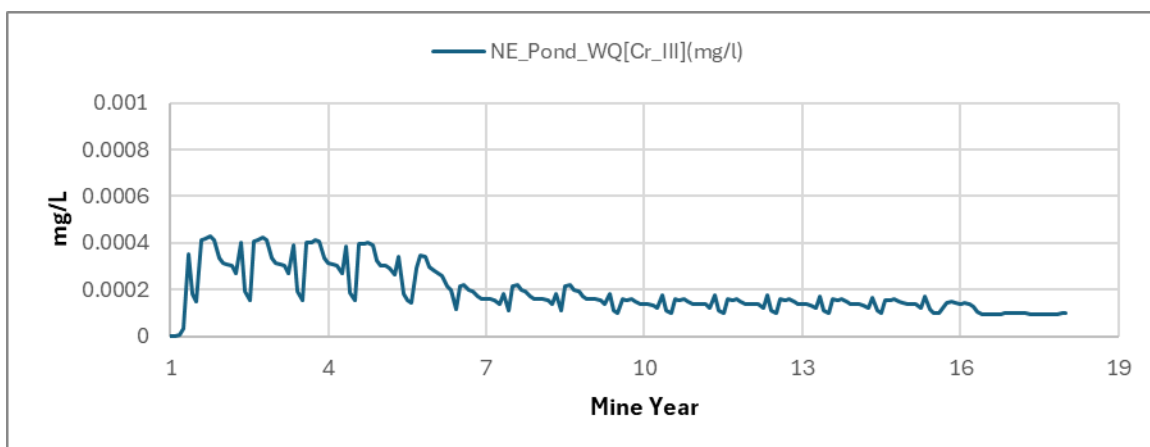


Figure D.1.4-12: Water quality model results for Cr(III) at TMF NE Pond.

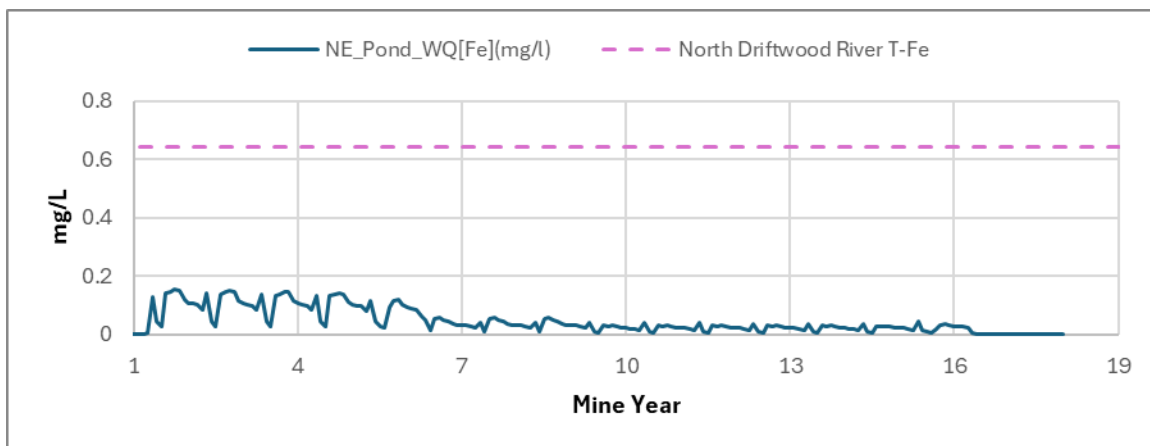


Figure D.1.4-13: Water quality model results for Fe at TMF NE Pond.

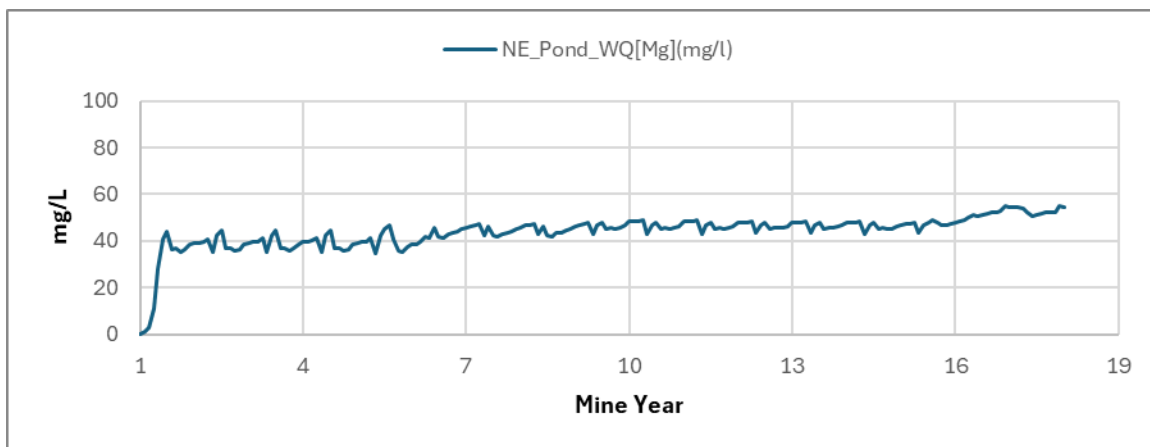


Figure D.1.4-14: Water quality model results for Mg at TMF NE Pond.

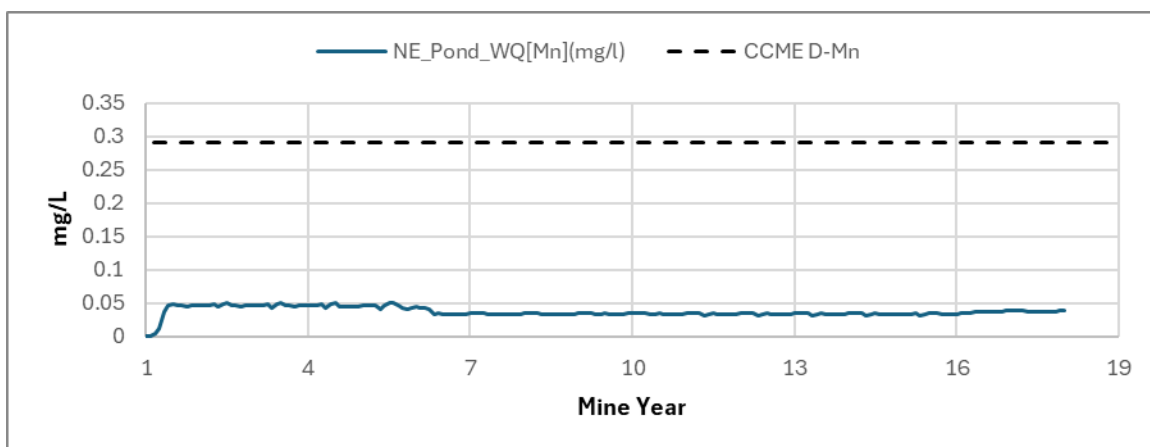


Figure D.1.4-15: Water quality model results for Mn at TMF NE Pond.

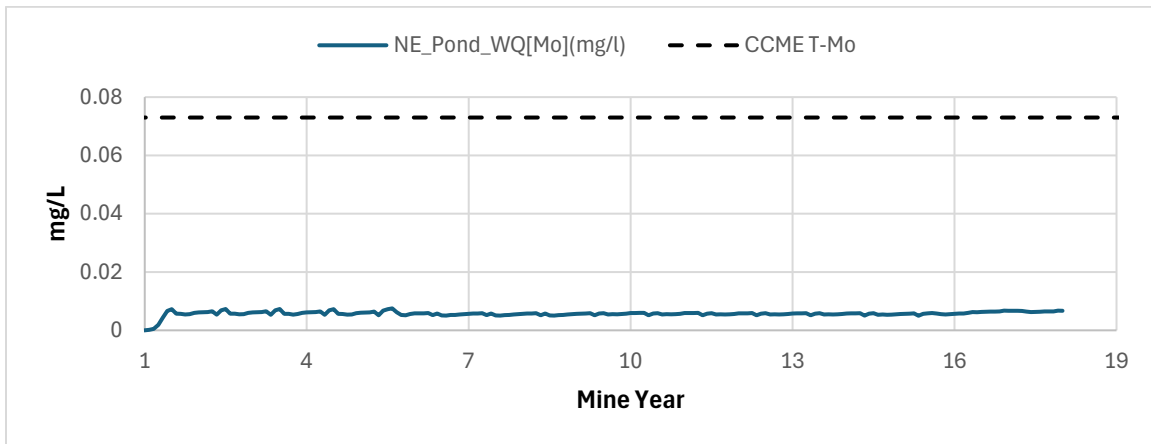


Figure D.1.4-16: Water quality model results for Mo at TMF NE Pond.

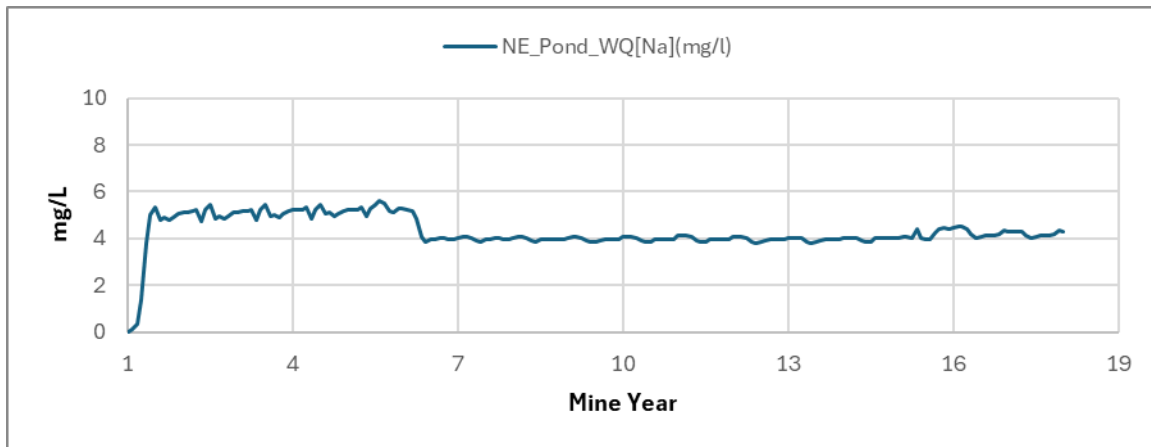


Figure D.1.4-17: Water quality model results for Na at TMF NE Pond.

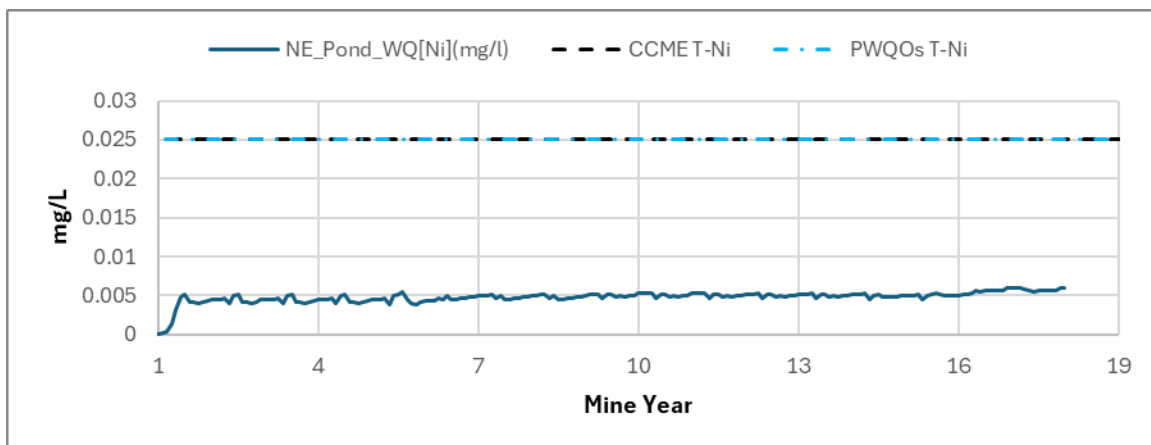


Figure D.1.4-18: Water quality model results for Ni at TMF NE Pond.

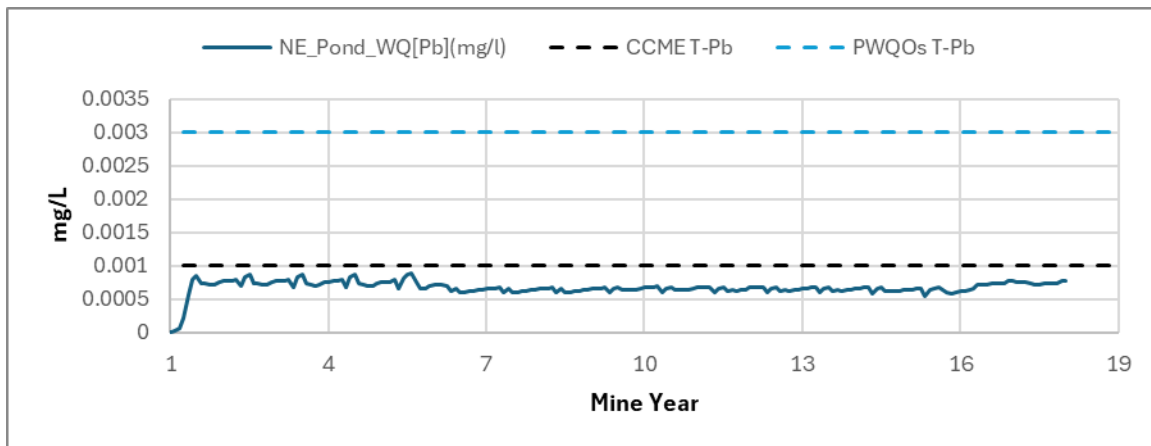


Figure D.1.4-19: Water quality model results for Pb at TMF NE Pond.

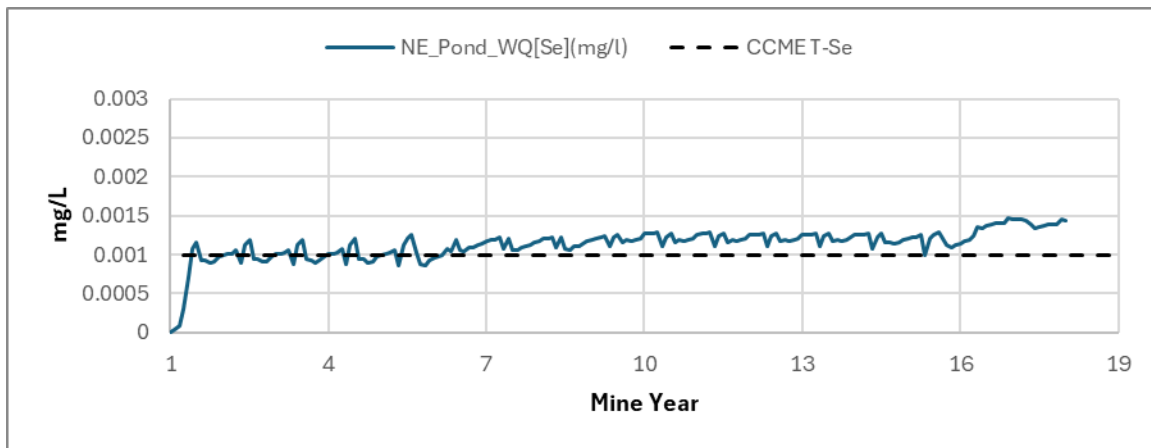


Figure D.1.4-20: Water quality model results for Se at TMF NE Pond.

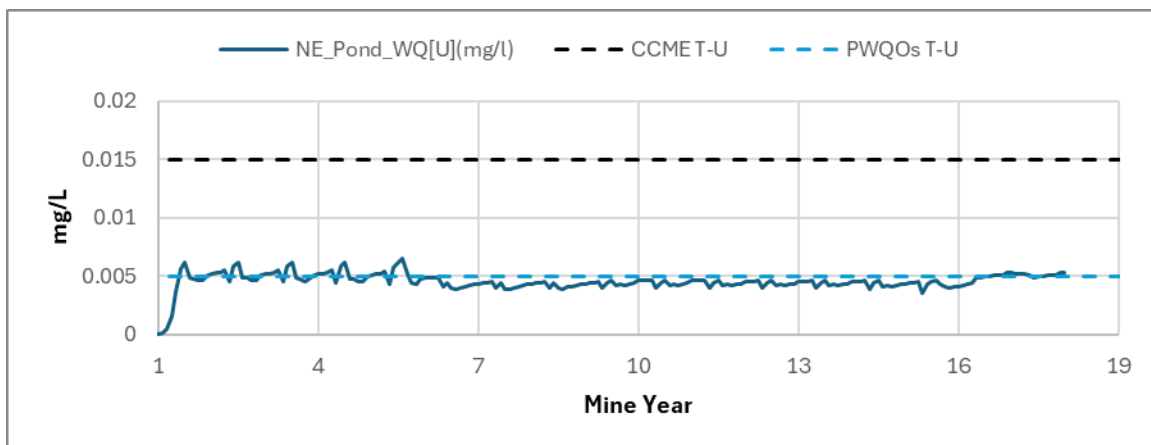


Figure D.1.4-21: Water quality model results for U at TMF NE Pond.

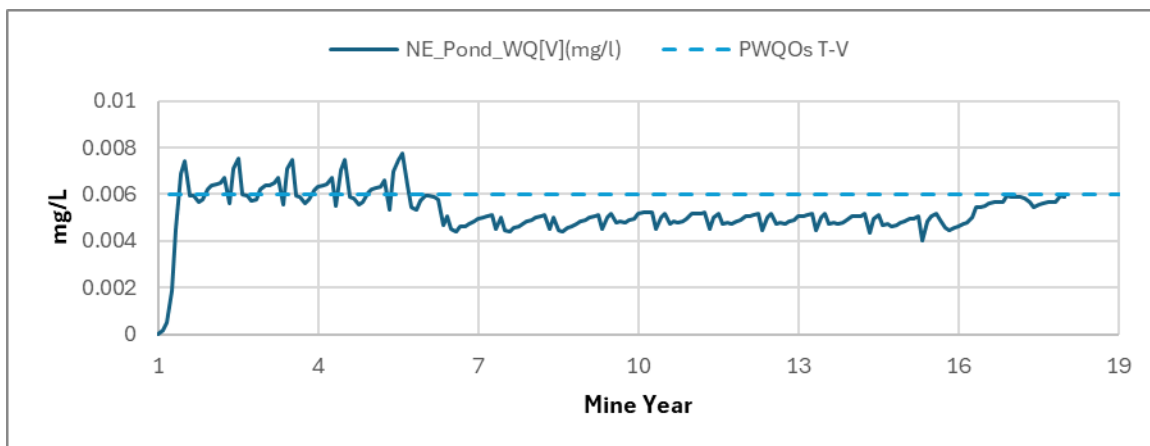


Figure D.1.4-22: Water quality model results for V at TMF NE Pond.

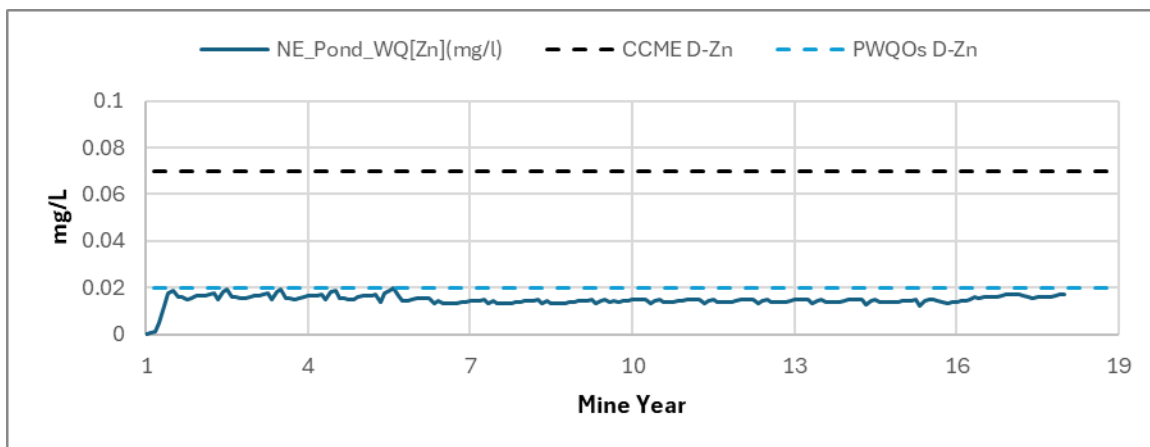


Figure D.1.4-23: Water quality model results for Zn at TMF NE Pond.

D.5 TMF NW Pond

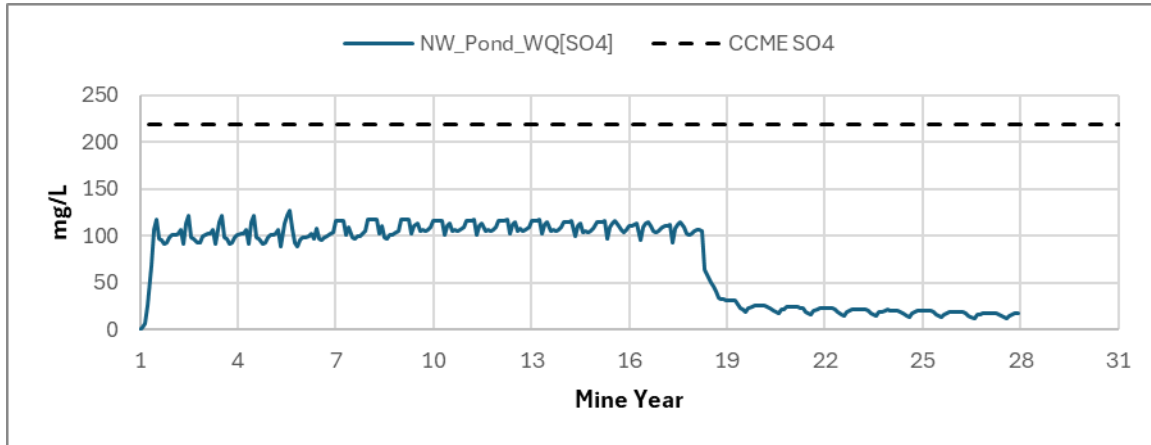


Figure D.1.5-1: Water quality model results for SO_4 at TMF NW Pond.

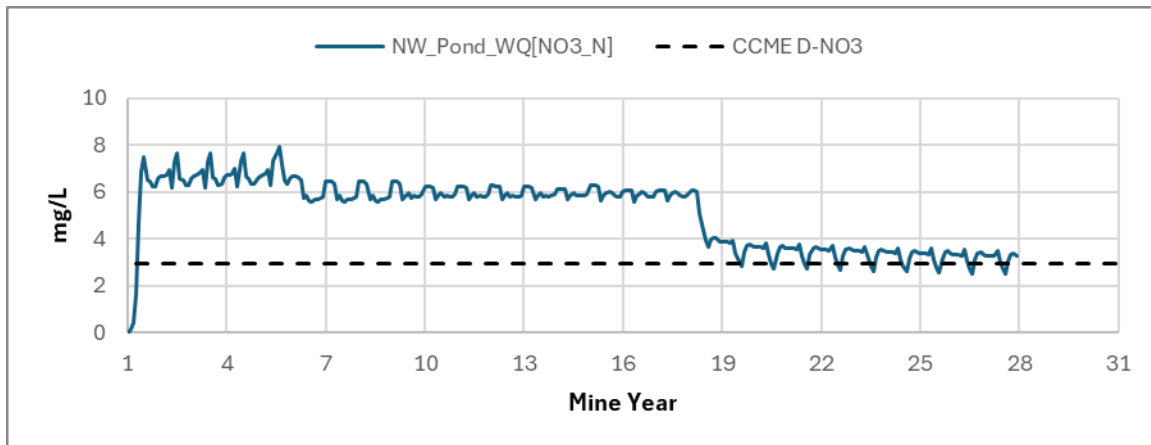


Figure D.1.5-2: Water quality model results for $\text{NO}_3\text{-N}$ at TMF NW Pond.

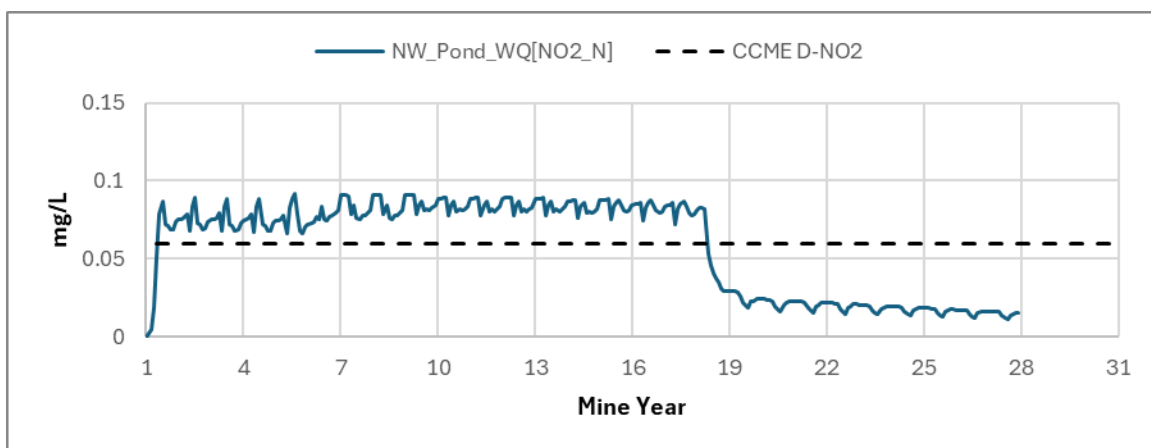


Figure D.1.5-3: Water quality model results for $\text{NO}_2\text{-N}$ at TMF NW Pond.

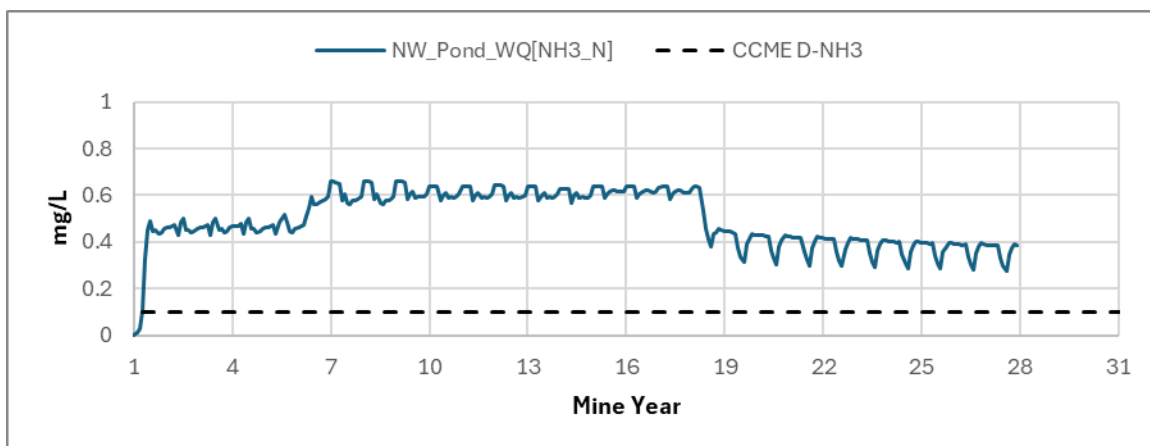


Figure D.1.5-4: Water quality model results for total NH₃-N at TMF NW Pond.

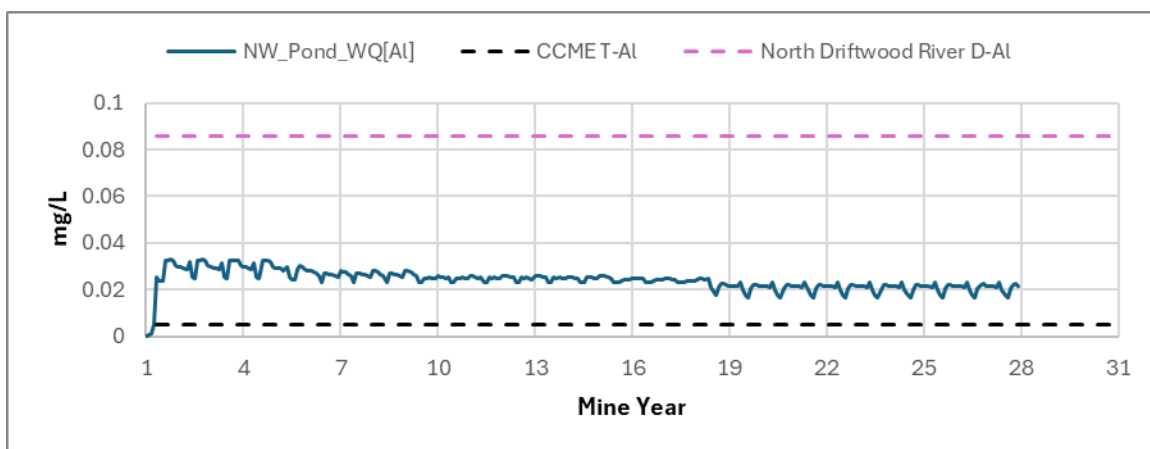


Figure D.1.5-5: Water quality model results for Al at TMF NW Pond.

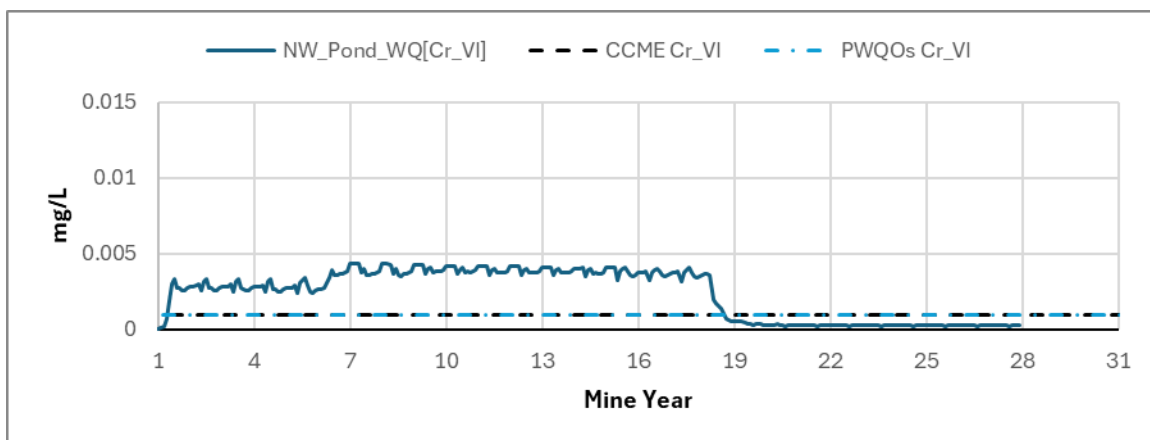


Figure D.1.5-6: Water quality model results for As at TMF NW Pond.

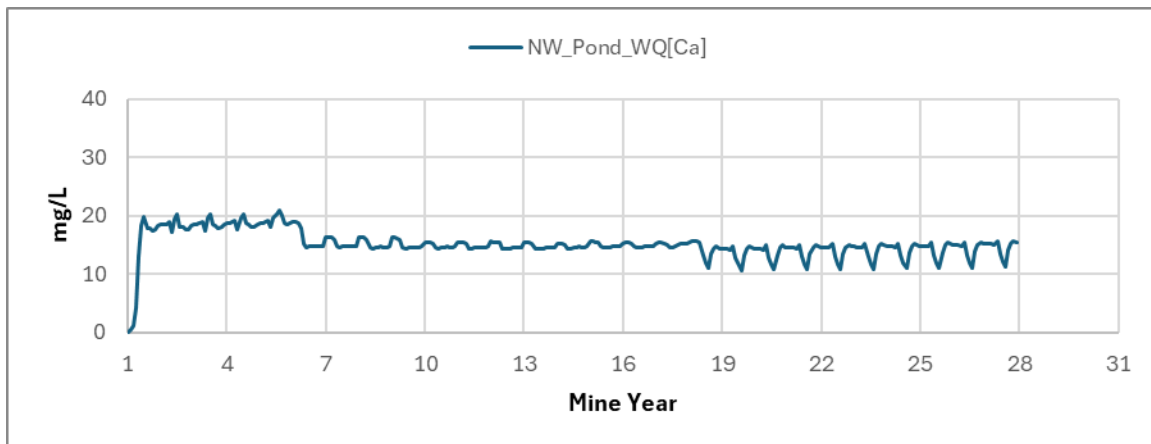


Figure D.1.5-7: Water quality model results for Ca at TMF NW Pond.

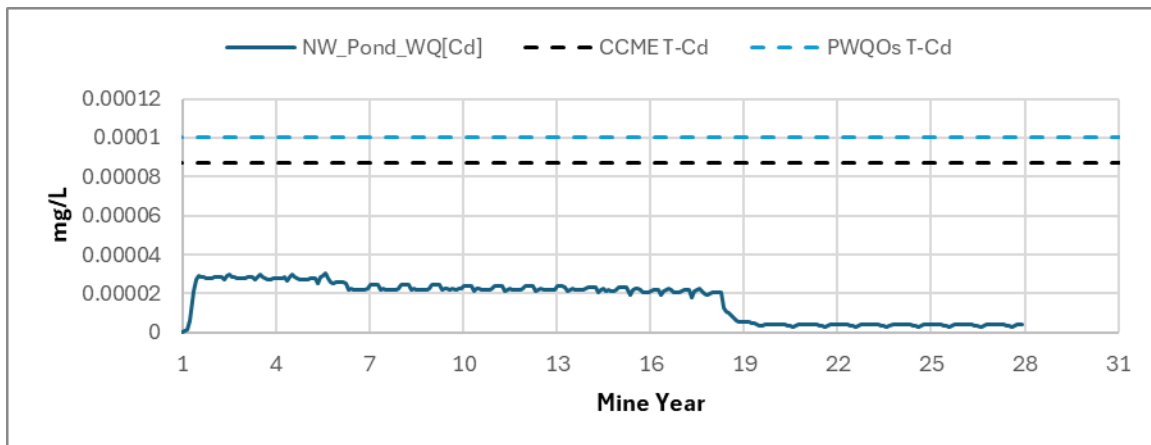


Figure D.1.5-8: Water quality model results for Cd at TMF NW Pond.

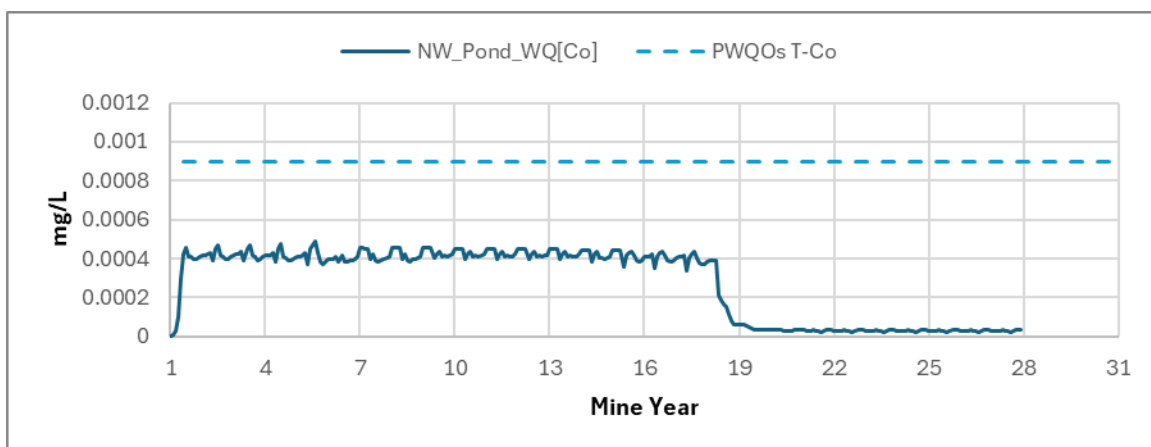


Figure D.1.5-9: Water quality model results for Co at TMF NW Pond.

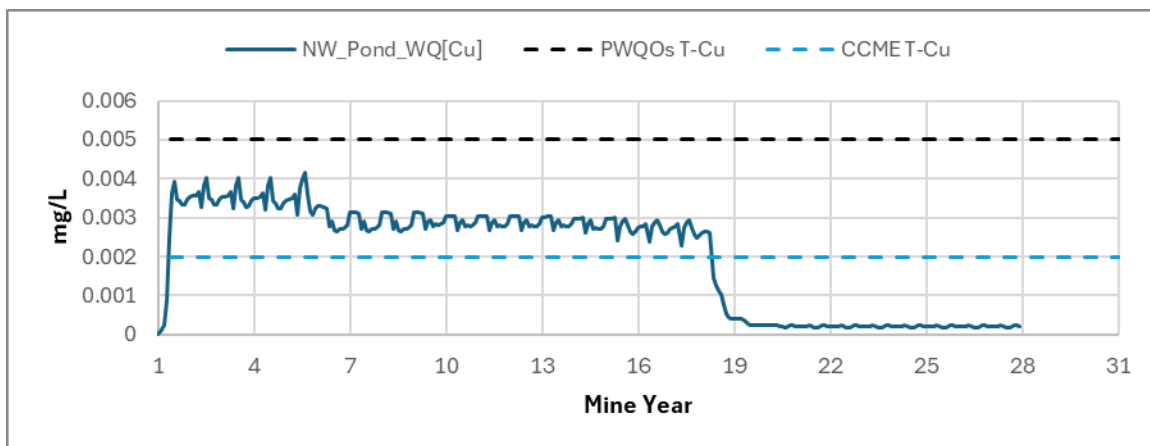


Figure D.1.5-10: Water quality model results for Cu at TMF NW Pond.

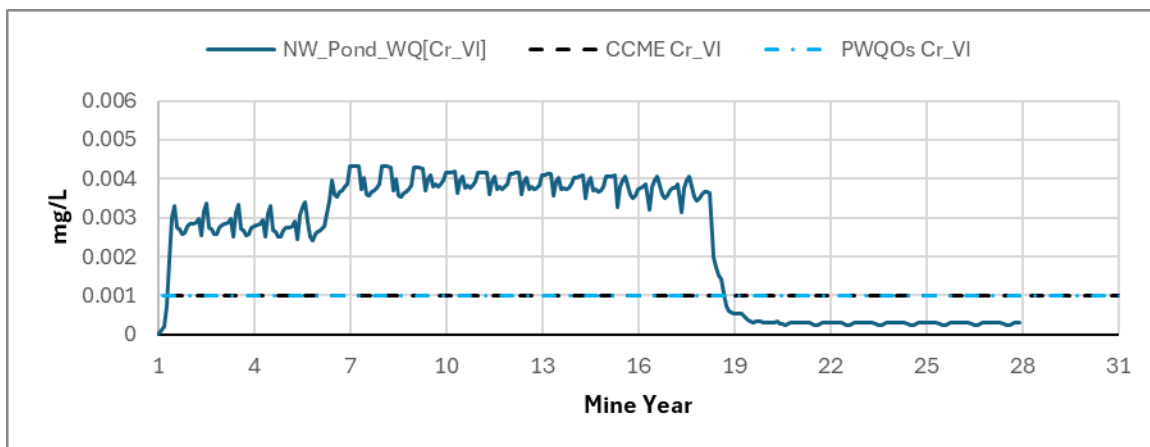


Figure D.1.5-11: Water quality model results for Cr(VI) at TMF NW Pond.

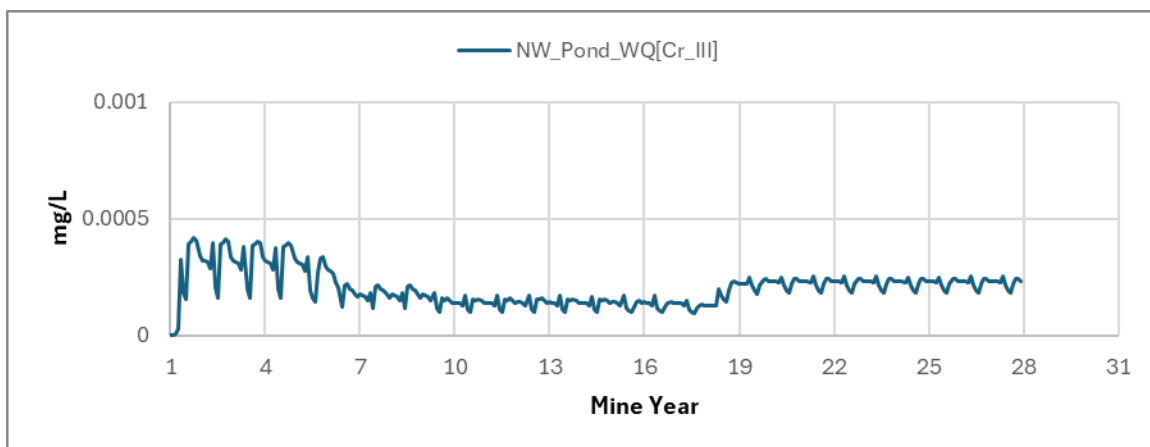


Figure D.1.5-12: Water quality model results for Cr(III) at TMF NW Pond.

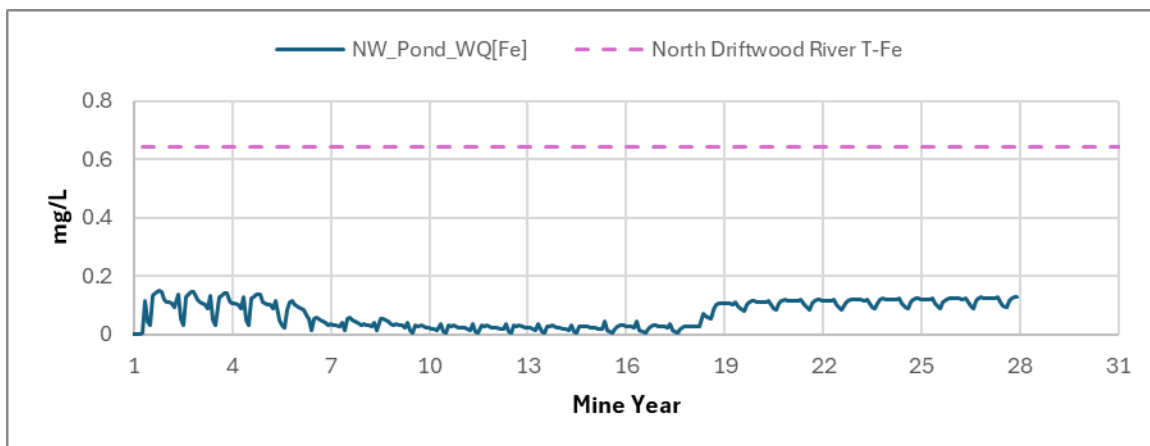


Figure D.1.5-13: Water quality model results for Fe at TMF NW Pond.

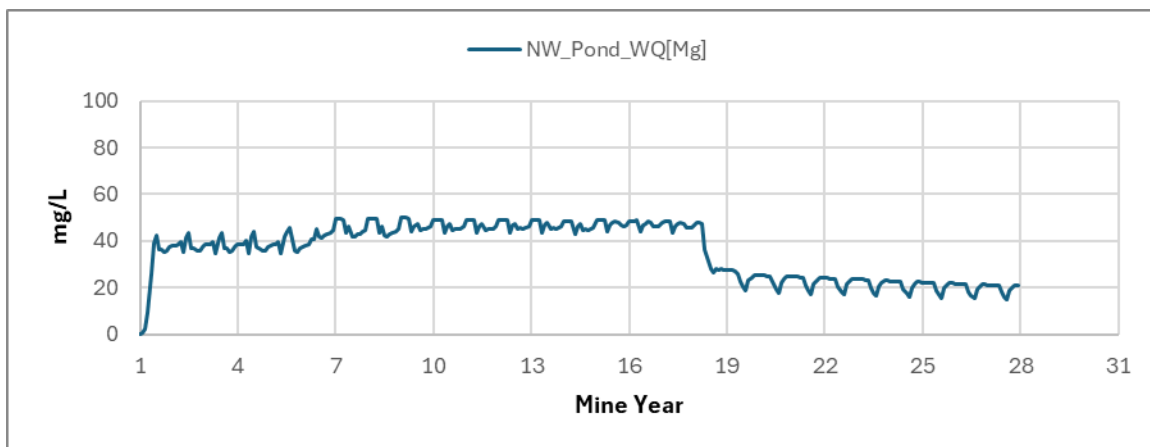


Figure D.1.5-14: Water quality model results for Mg at TMF NW Pond.

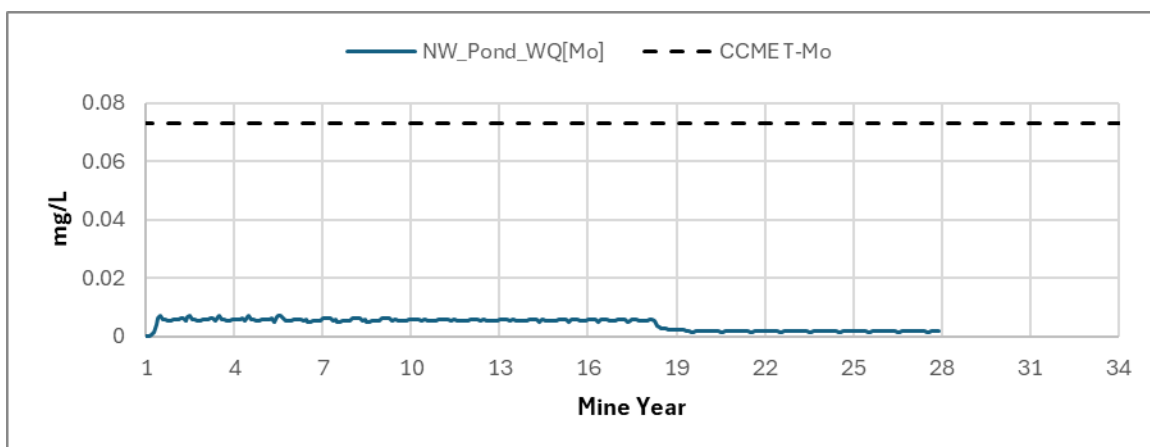


Figure D.1.5-15: Water quality model results for Mn at TMF NW Pond.

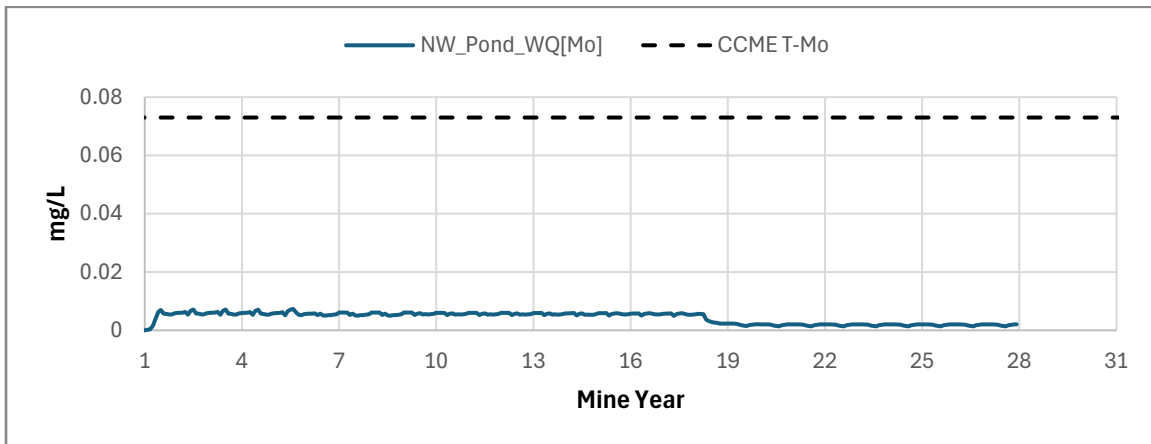


Figure D.1.5-16: Water quality model results for Mo at TMF NW Pond.

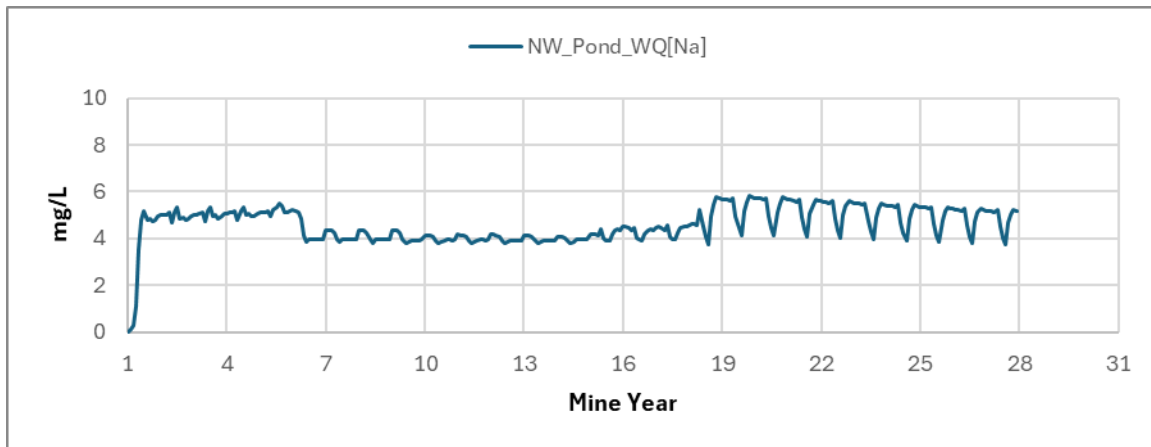


Figure D.1.5-17: Water quality model results for Na at TMF NW Pond.

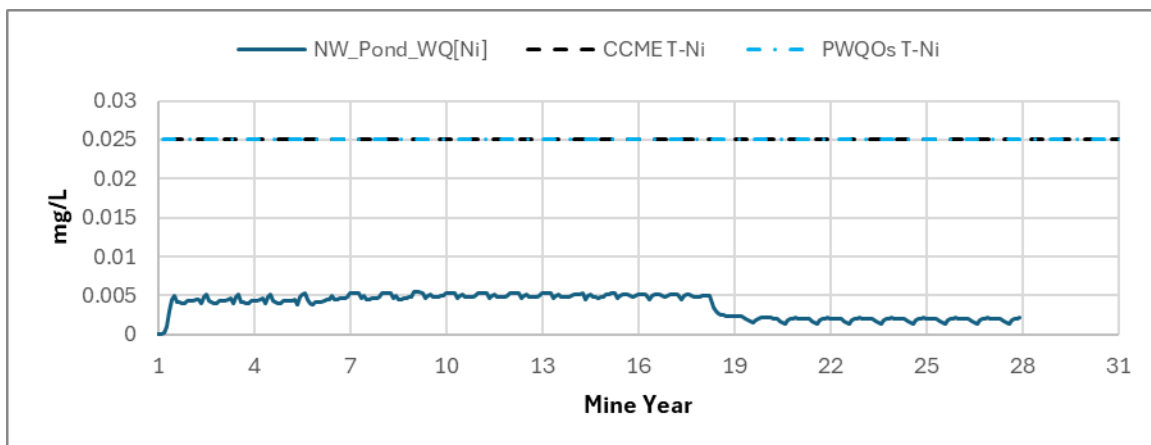


Figure D.1.5-18: Water quality model results for Ni at TMF NW Pond.

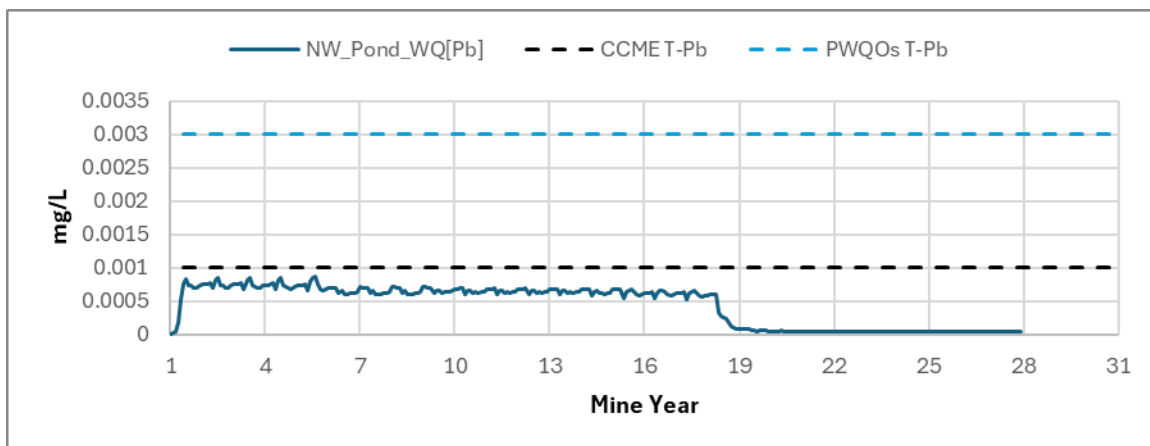


Figure D.1.5-19: Water quality model results for Pb at TMF NW Pond.

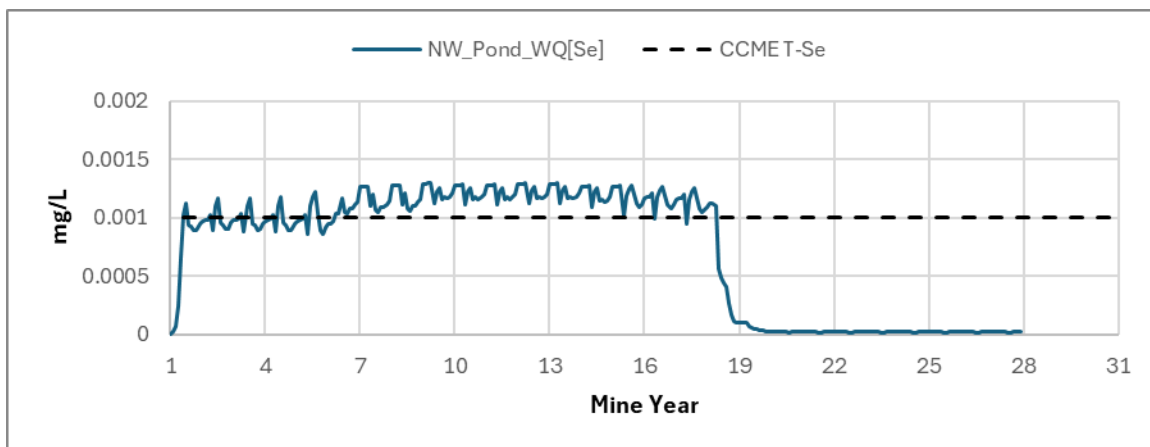


Figure D.1.5-20: Water quality model results for Se at TMF NW Pond.

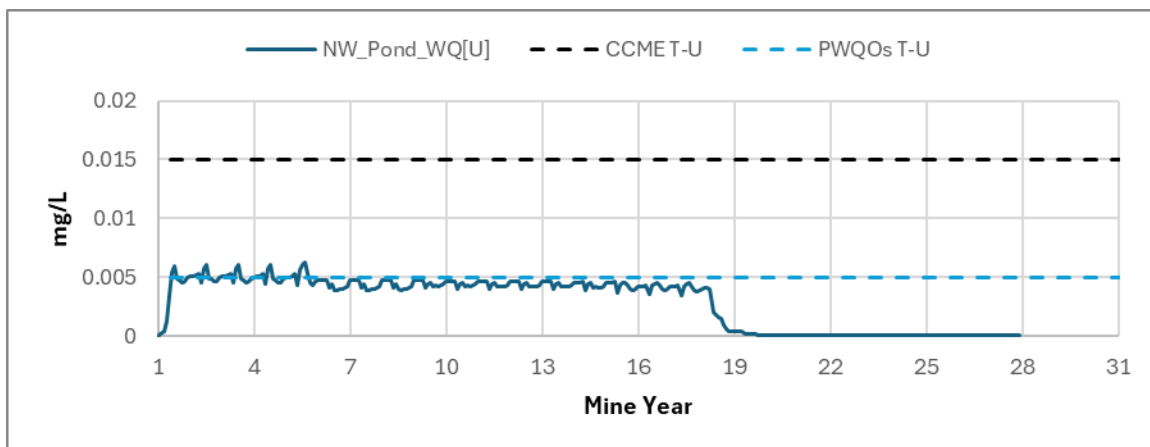


Figure D.1.5-21: Water quality model results for U at TMF NW Pond.

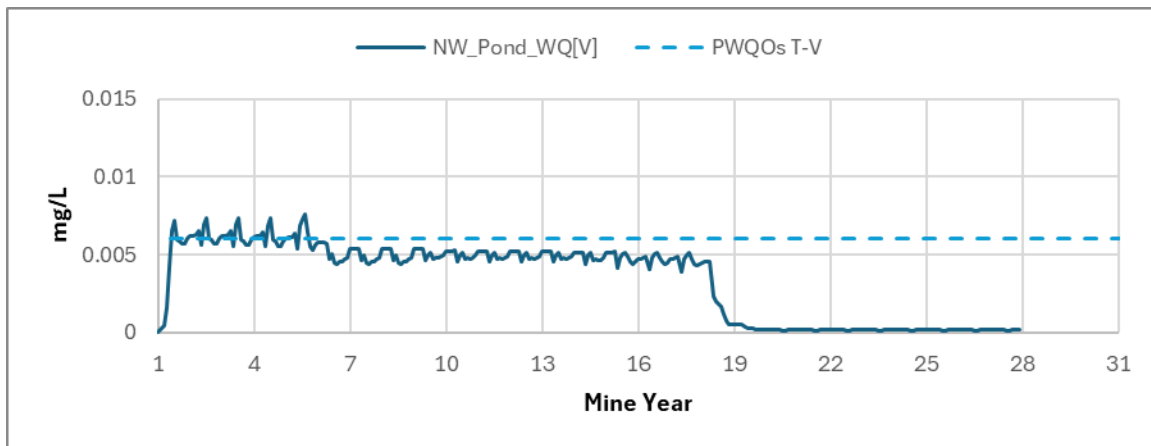


Figure D.1.5-22: Water quality model results for V at TMF NW Pond.

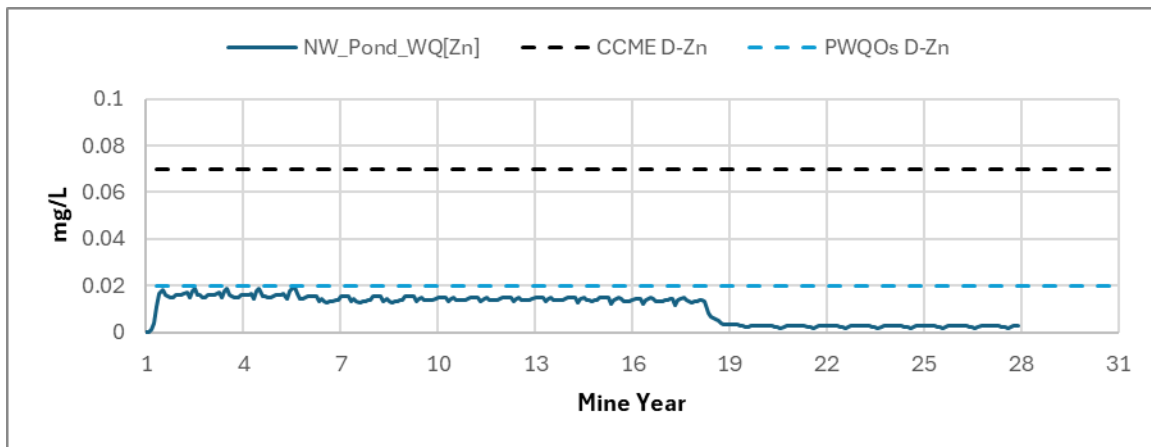


Figure D.1.5-23: Water quality model results for Zn at TMF NW Pond.

D.6 Pit Closure



Figure D.1.6-1: Water quality model results for SO₄ at Pit Closure.

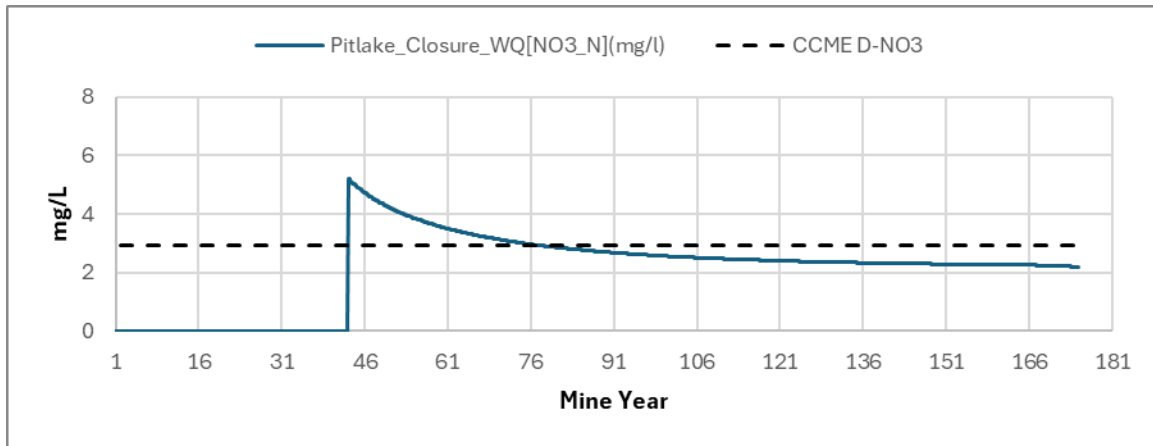


Figure D.1.6-2: Water quality model results for $\text{NO}_3\text{-N}$ at Pit Closure.

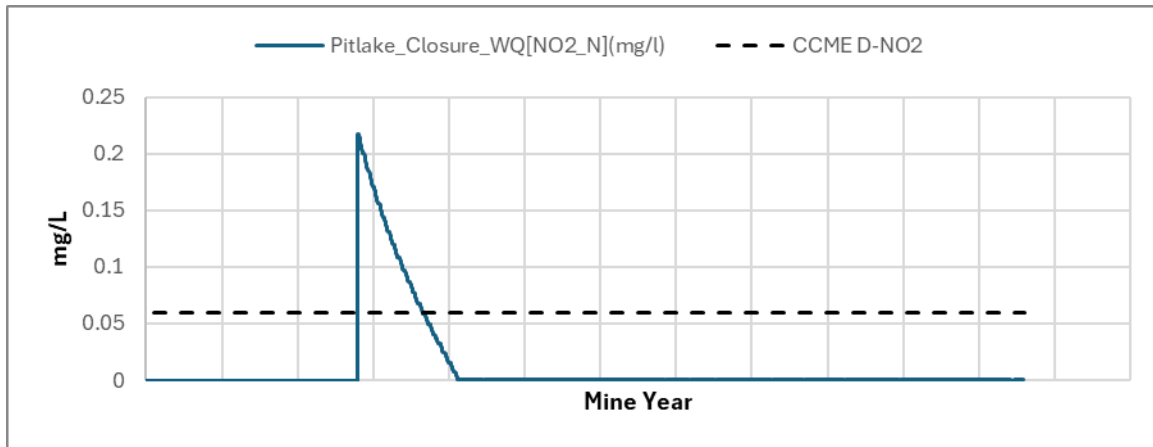


Figure D.1.6-3: Water quality model results for $\text{NO}_2\text{-N}$ at Pit Closure.

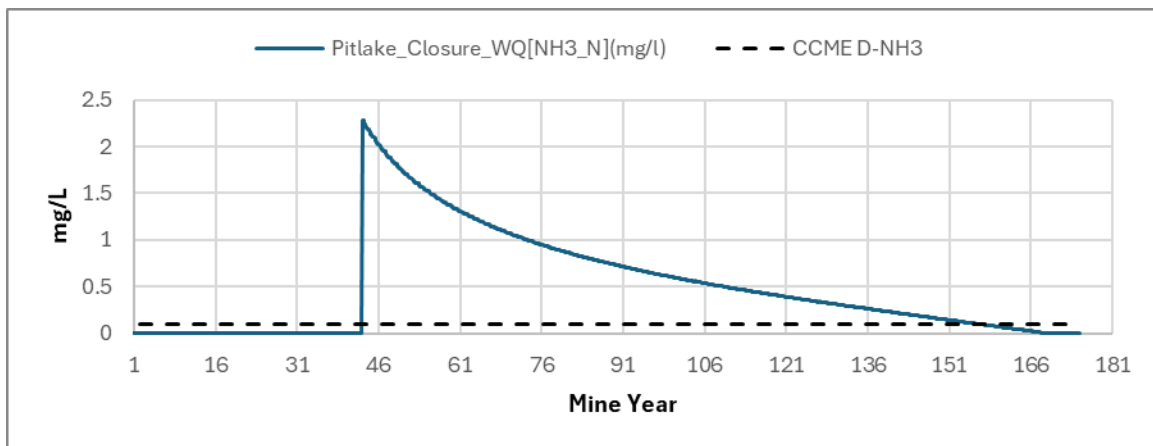


Figure D.1.6-4: Water quality model results for total $\text{NH}_3\text{-N}$ at Pit Closure.

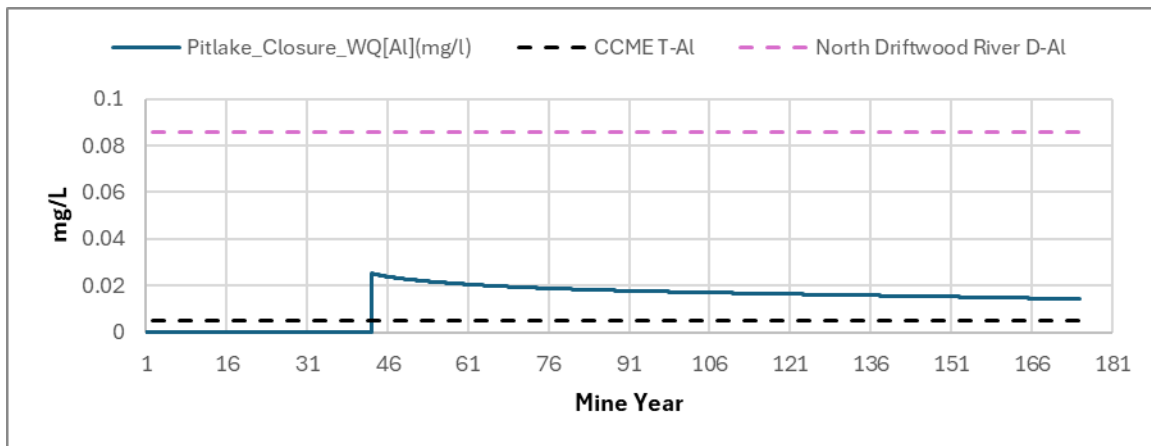


Figure D.1.6-5: Water quality model results for Al at Pit Closure.

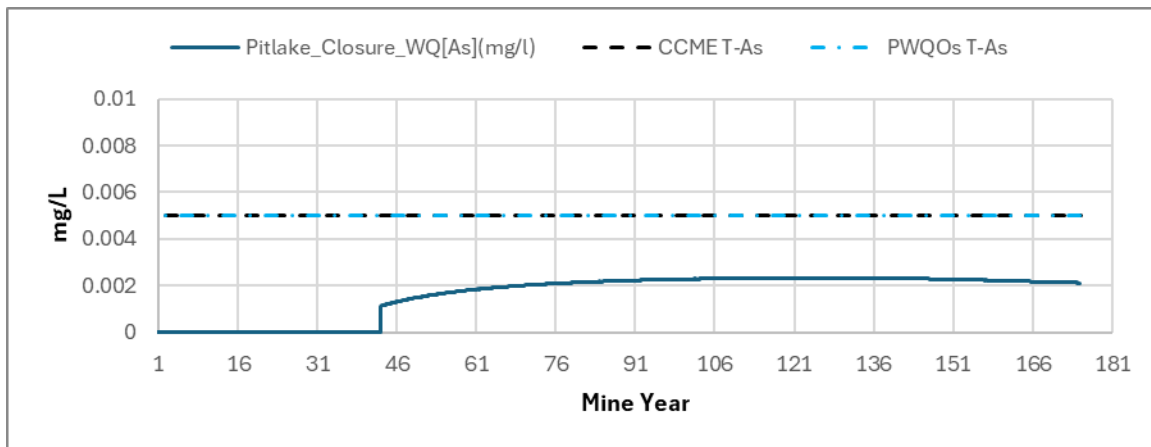


Figure D.1.6-6: Water quality model results for As at Pit Closure.

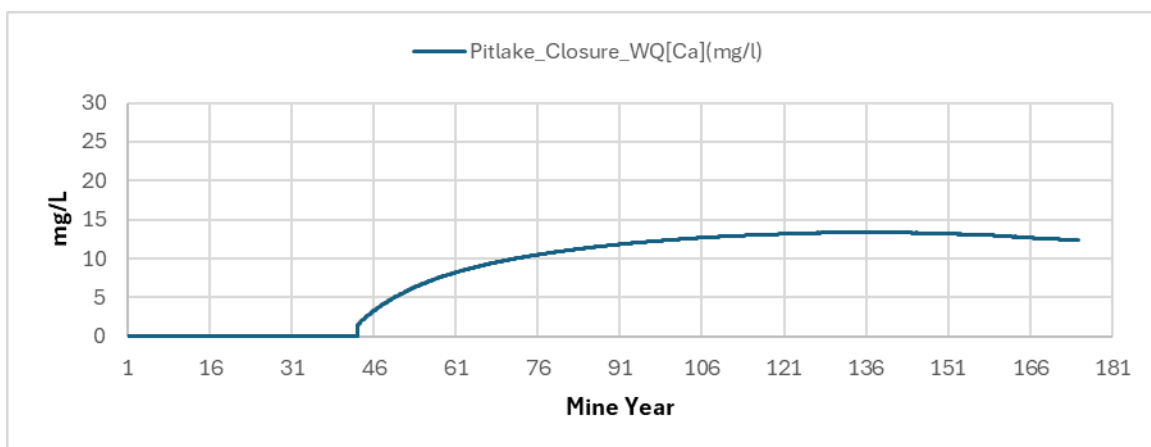


Figure D.1.6-7: Water quality model results for Ca at Pit Closure.

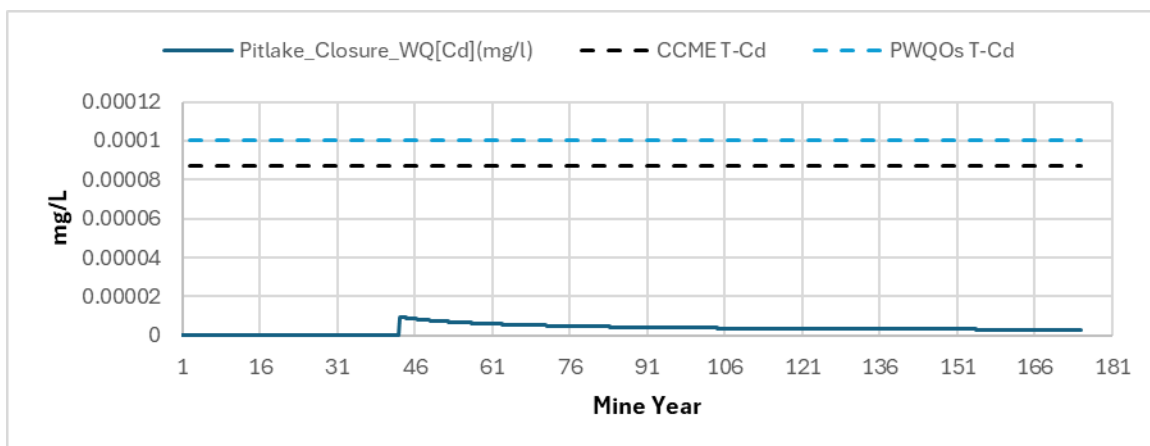


Figure D.1.6-8: Water quality model results for Cd at Pit Closure.

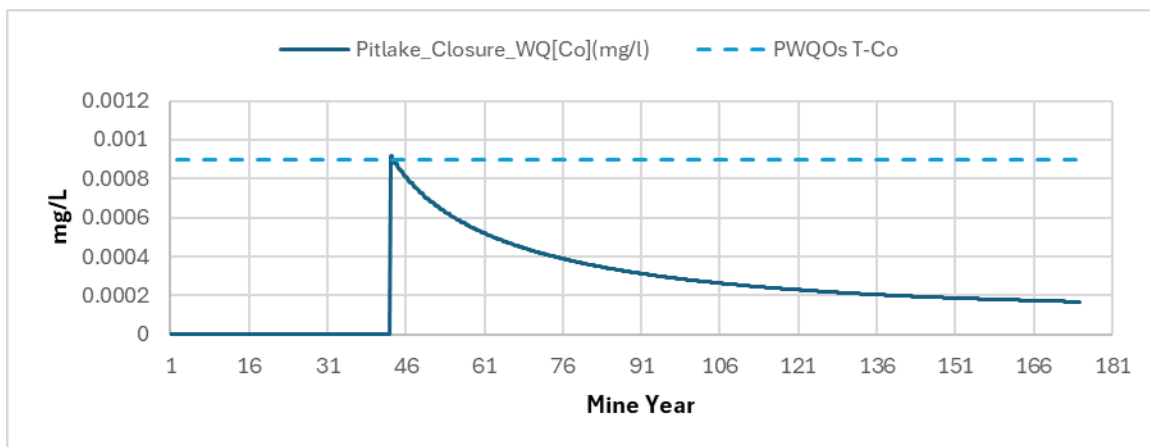


Figure D.1.6-9: Water quality model results for Co at Pit Closure.

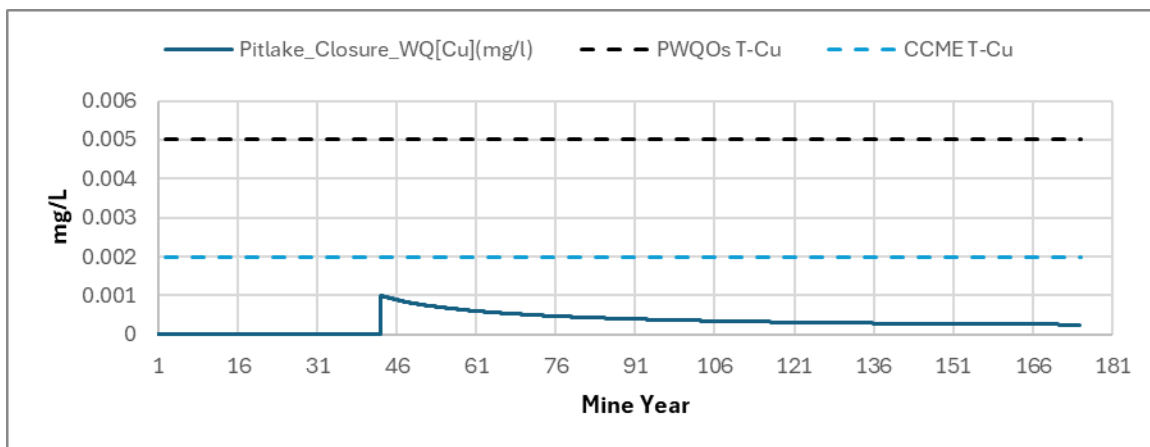


Figure D.1.6-10: Water quality model results for Cu at Pit Closure.

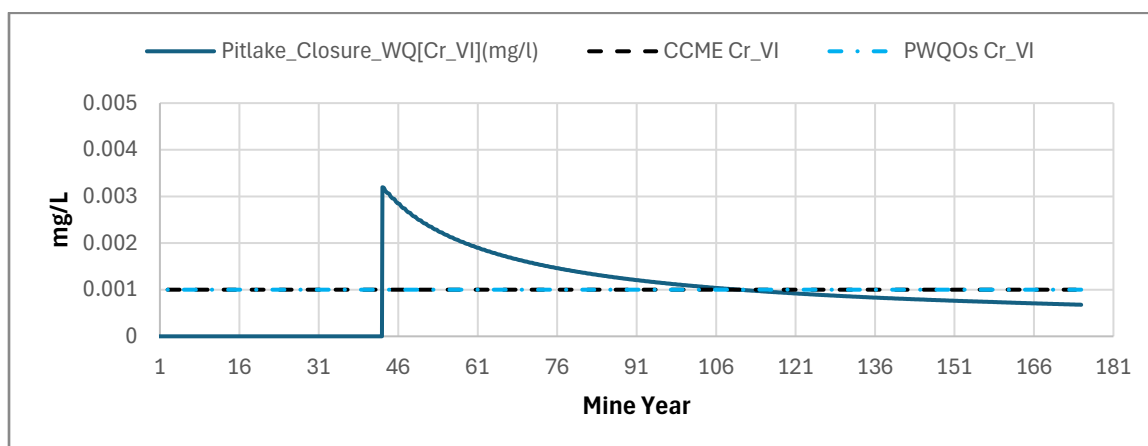


Figure D.1.6-11: Water quality model results for Cr(VI) at Pit Closure.

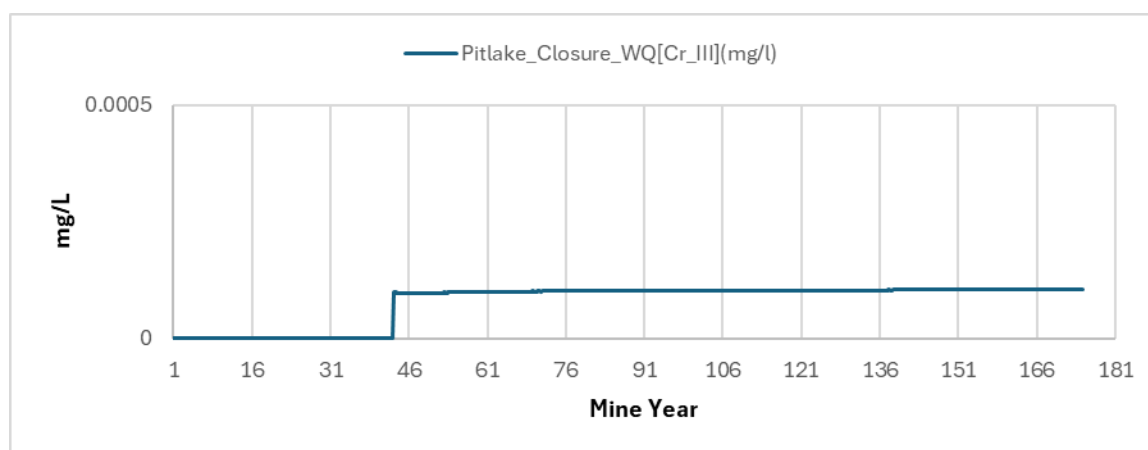


Figure D.1.6-12: Water quality model results for Cr(III) at Pit Closure.

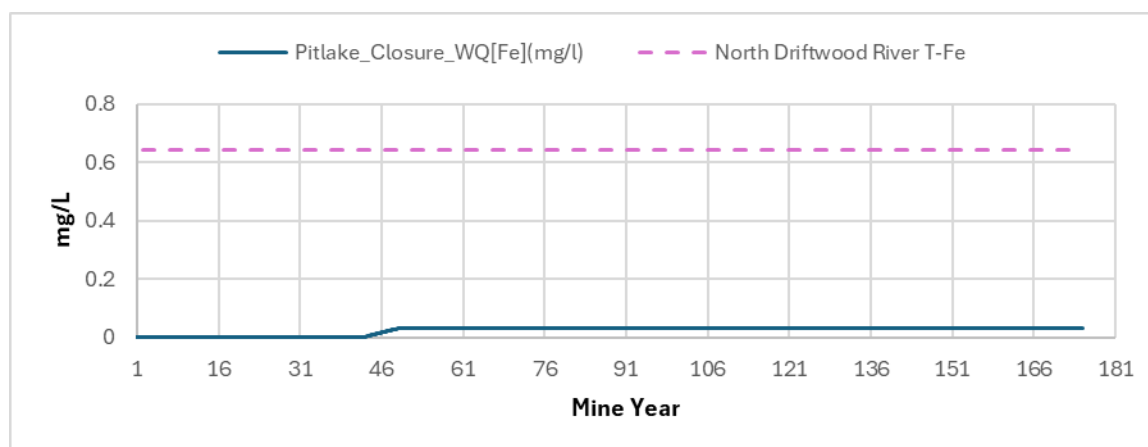


Figure D.1.6-13: Water quality model results for Fe at Pit Closure.

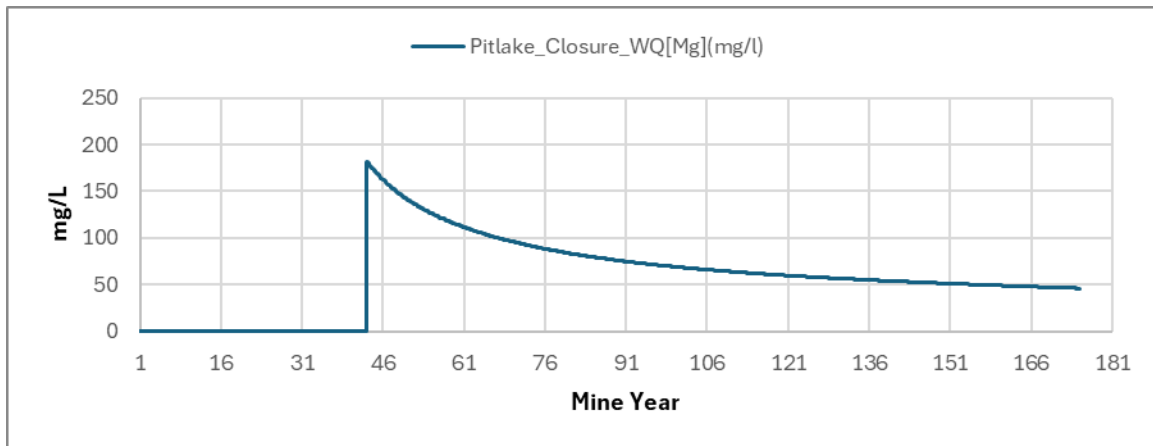


Figure D.1.6-14: Water quality model results for Mg at Pit Closure.

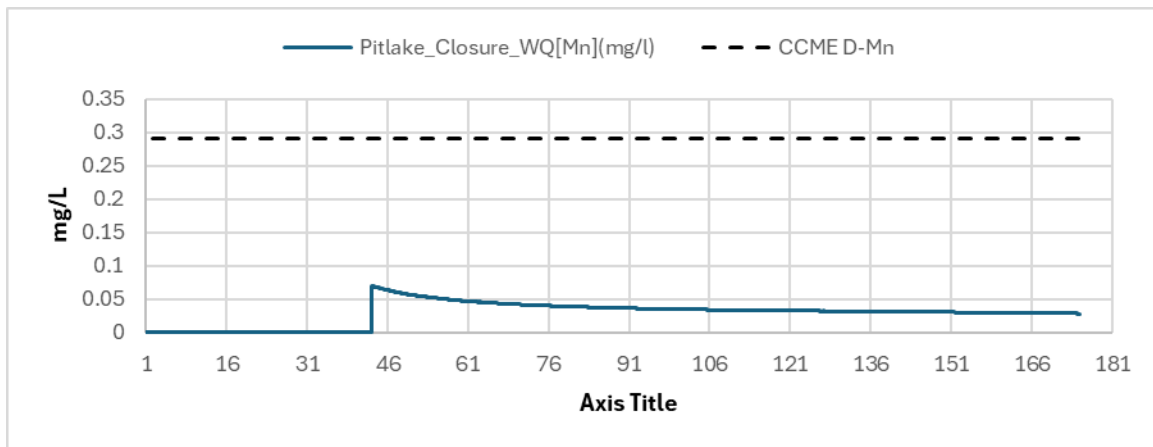


Figure D.1.6-15: Water quality model results for Mn at Pit Closure.

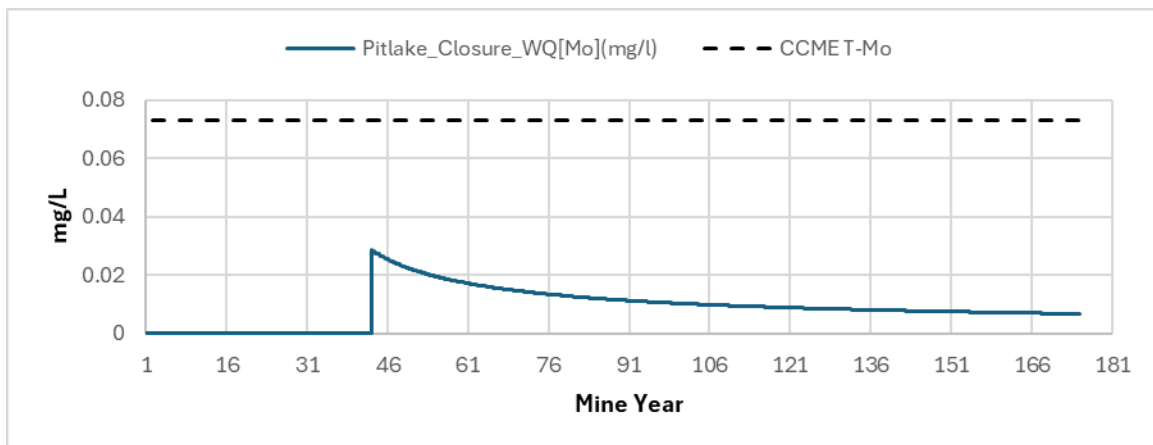


Figure D.1.6-16: Water quality model results for Mo at Pit Closure.

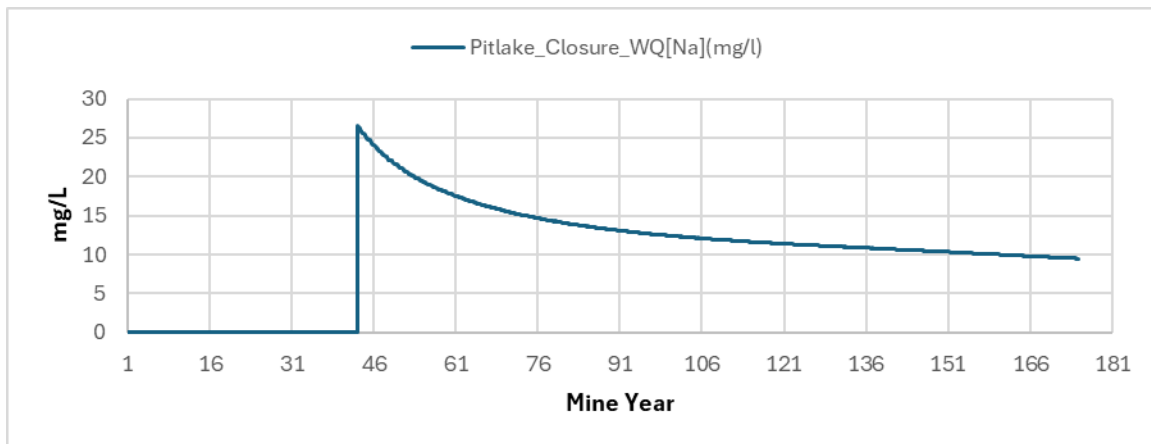


Figure D.1.6-17: Water quality model results for Na at Pit Closure.

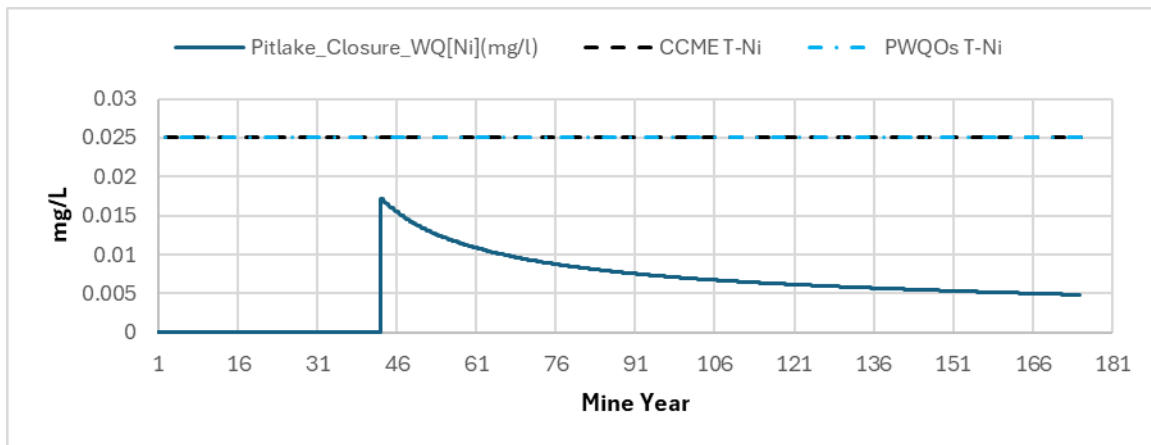


Figure D.1.6-18: Water quality model results for Ni at Pit Closure.

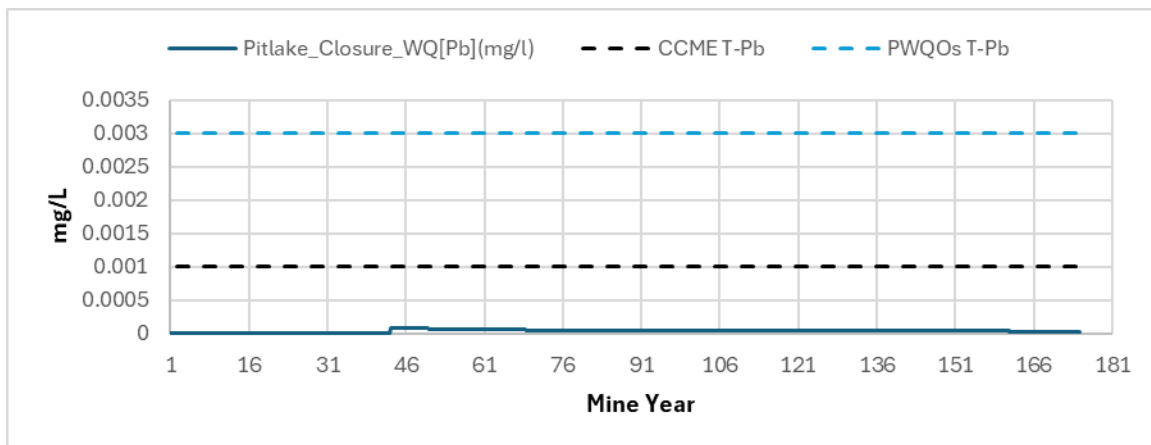


Figure D.1.6-19: Water quality model results for Pb at Pit Closure.

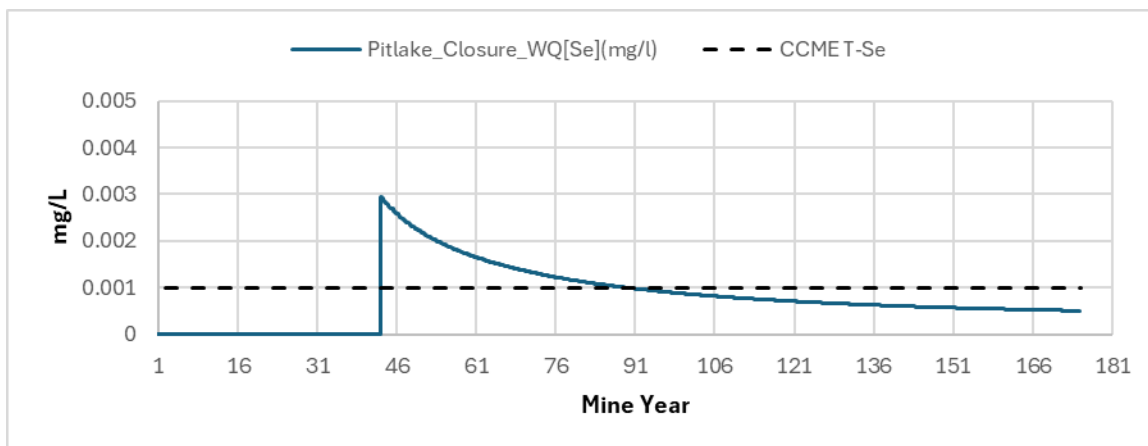


Figure D.1.6-20: Water quality model results for Se at Pit Closure.

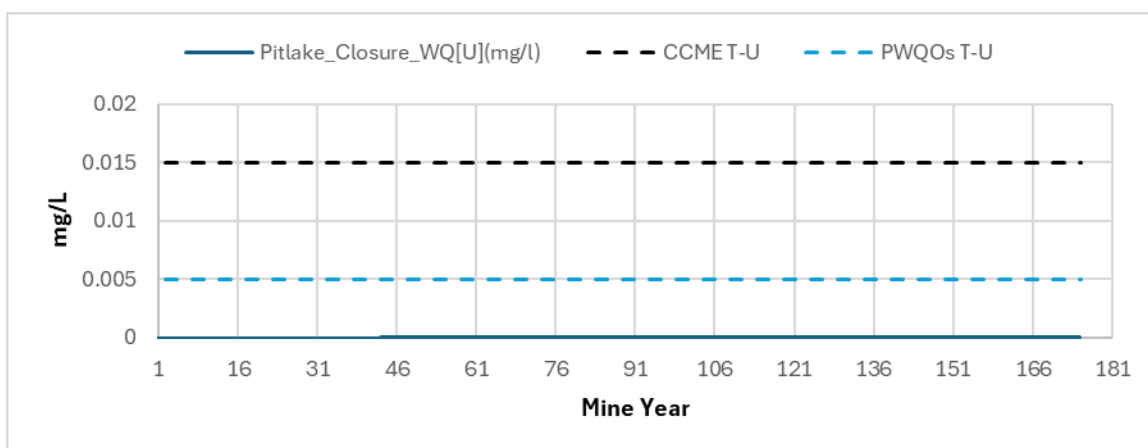


Figure D.1.6-21: Water quality model results for U at Pit Closure.

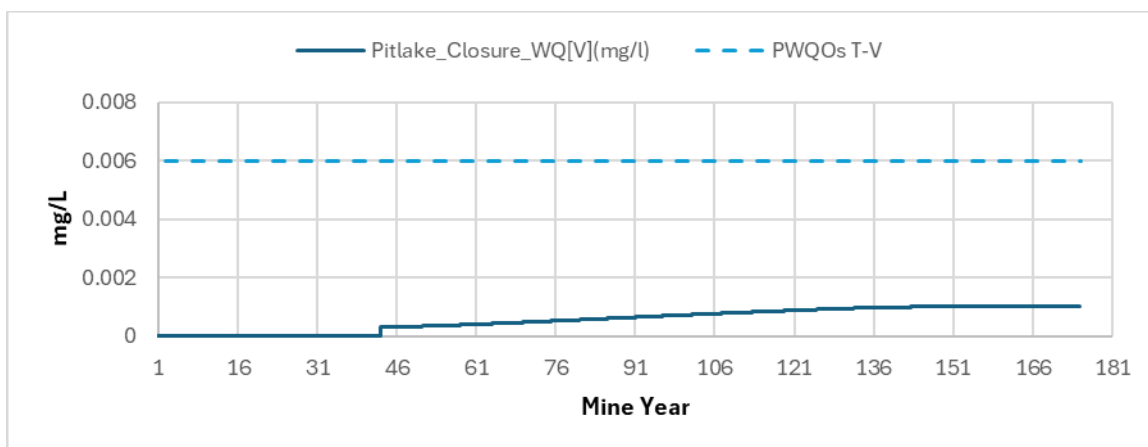


Figure D.1.6-22: Water quality model results for V at Pit Closure.

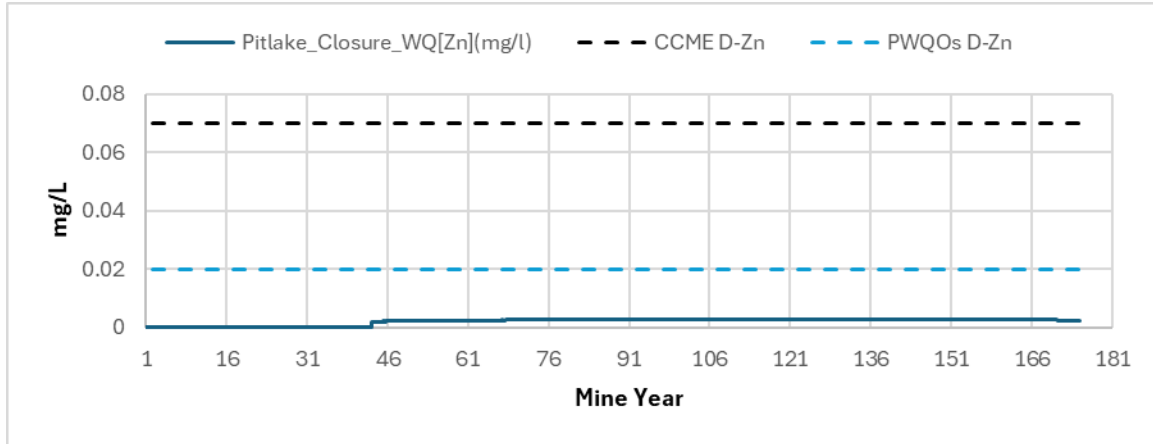


Figure D.1.6-24: Water quality model results for Zn at Pit Closure.

D.2 – DISSOLVED CONCENTRATION TABLES

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Pit Lake water quality model results while flooding (Year 42 to Year 158)																							
Minimum		71.1	61.5	0.711	0.0000138	2.27	0.0808	0.0291	0.000733	0.00000245	0.015	0.000000107	0.00113	0.00875	0.0000145	0.0662	0.00000339	1.5	0.00000311	0.00018	0.0000957	0.000265	0.00256
P10		75	65.21	0.74	0.0001481	2.3	0.1741	0.0301	0.000779	0.00000254	0.0154	0.000000112	0.00167	0.00906	0.0008954	0.0701	0.00000345	6.682	0.00000319	0.000191	0.00009861	0.000275	0.03
Median		99.55	90.8	0.847	0.000616	2.555	0.593	0.031	0.00109	0.00000297	0.0173	0.000000136	0.00226	0.00957	0.00189	0.0957	0.00000371	12.4	0.00000389	0.000278	0.000103	0.000361	0.03
P90		193.9	189.9	1.17	0.07109	3.879	1.539	0.0313	0.002199	0.00000409	0.0217	1.999E-07	0.00233	0.00973	0.00202	0.192	0.00000439	13.3	0.000006749	0.0006099	0.000104	0.0006909	0.03
Maximum		282	282	1.5	0.217	5.2	2.28	0.0313	0.0032	0.000005	0.0253	0.00000025	0.00234	0.00975	0.00203	0.282	0.000005	13.4	0.00000951	0.000918	0.000105	0.001	0.03
Pit Lake water quality model results after fully flooded (Year 159 to Year 174)																							
Minimum		66.5	57.3	0.673	0.0000132	2.19	0.0000614	0.0276	0.000677	0.0000023	0.0143	9.86E-08	0.00212	0.00877	0.00187	0.0618	0.0000033	12.3	0.00000304	0.000167	0.000105	0.000253	0.03
P10		67.01	57.8	0.677	0.00006668	2.21	0.0003881	0.0278	0.0006831	0.00000232	0.0144	9.941E-08	0.00214	0.00882	0.00188	0.06221	0.00000331	12.4	0.00000305	0.000169	0.000105	0.000254	0.03
Median		68.7	59.3	0.691	0.000771	2.25	0.0189	0.0283	0.000704	0.00000237	0.0146	0.000000102	0.00217	0.00899	0.00191	0.0639	0.00000334	12.6	0.00000307	0.000173	0.000105	0.000258	0.03
P90		70.6	61	0.707	0.0009637	2.26	0.0691	0.029	0.0007269	0.00000243	0.0149	0.000000106	0.00221	0.00917	0.00194	0.0657	0.00000338	12.9	0.0000031	0.000178	0.000105	0.000263	0.03
Maximum		71.1	61.5	0.711	0.00101	2.27	0.081	0.0292	0.000733	0.00000245	0.015	0.000000107	0.00223	0.00922	0.00195	0.0662	0.00000339	13	0.00000311	0.00018	0.000105	0.000265	0.03
Monthly Results																							
2069-01-01	43	282	282	1.5	0.217	5.2	2.28	0.0301	0.0032	5.00E-06	0.0253	2.50E-07	0.00113	0.00875	1.45E-05	0.282	5.00E-06	1.5	9.51E-06	9.18E-04	9.92E-05	1.00E-03	0.00256
2069-02-01	43	282	282	1.5	0.217	5.2	2.28	0.0301	0.00319	5.00E-06	0.0253	2.50E-07	0.00114	0.00878	2.43E-05	0.282	5.00E-06	1.54	9.50E-06	9.17E-04	9.91E-05	1.00E-03	0.00297
2069-03-01	43	282	282	1.5	0.217	5.19	2.28	0.0302	0.00319	4.99E-06	0.0253	2.50E-07	0.00115	0.00879	3.32E-05	0.282	4.99E-06	1.57	9.49E-06	9.16E-04	9.90E-05	9.99E-04	0.00334
2069-04-01	43	282	281	1.5	0.216	5.19	2.28	0.0302	0.00319	4.99E-06	0.0253	2.49E-07	0.00116	0.00881	4.29E-05	0.281	4.99E-06	1.6	9.48E-06	9.14E-04	9.89E-05	9.97E-04	0.00375
2069-05-01	43	280	280	1.49	0.214	5.17	2.27	0.0302	0.00317	4.97E-06	0.0252	2.49E-07	0.00116	0.00881	5.22E-05	0.28	4.97E-06	1.67	9.43E-06	9.10E-04	9.87E-05	9.93E-04	0.00417
2069-06-01	43	278	278	1.48	0.212	5.14	2.25	0.0301	0.00315	4.95E-06	0.0251	2.48E-07	0.00116	0.00878	6.15E-05	0.278	4.96E-06	1.76	9.36E-06	9.03E-04	9.84E-05	9.85E-04	0.0046
2069-07-01	43	276	276	1.48	0.209	5.11	2.23	0.0301	0.00313	4.94E-06	0.025	2.47E-07	0.00117	0.00876	7.04E-05	0.276	4.94E-06	1.84	9.31E-06	8.97E-04	9.82E-05	9.79E-04	0.00502
2069-08-01	43	275	275	1.47	0.207	5.09	2.22	0.0301	0.00312	4.92E-06	0.025	2.46E-07	0.00117	0.00875	7.96E-05	0.275	4.93E-06	1.91	9.26E-06	8.92E-04	9.80E-05	9.74E-04	0.00543
2069-09-01	43	274	274	1.47	0.206	5.08	2.21	0.0301	0.0031	4.91E-06	0.0249	2.46E-07	0.00118	0.00876	8.88E-05	0.274	4.92E-06	1.96	9.23E-06	8.89E-04	9.79E-05	9.71E-04	0.00584
2069-10-01	43	273	273	1.46	0.204	5.06	2.21	0.0301	0.00309	4.90E-06	0.0249	2.45E-07	0.00118	0.00876	9.77E-05	0.273	4.91E-06	2.02	9.19E-06	8.85E-04	9.77E-05	9.67E-04	0.00624
2069-11-01	43	272	272	1.46	0.202	5.05	2.2	0.0301	0.00308	4.89E-06	0.0248	2.44E-07	0.00119	0.00876	0.000107	0.272	4.90E-06	2.07	9.16E-06	8.82E-04	9.76E-05	9.64E-04	0.00664
2069-12-01	43	271	271	1.46	0.201	5.04	2.19	0.0301	0.00307	4.88E-06	0.0248	2.44E-07	0.00119	0.00877	0.000116	0.271	4.90E-06	2.12	9.14E-06	8.80E-04	9.74E-05	9.61E-04	0.00702
2070-01-01	44	271	271	1.46	0.2	5.03	2.19	0.0301	0.00307	4.88E-06	0.0248	2.44E-07	0.0012	0.00879	0.000125	0.271	4.89E-06	2.15	9.13E-06	8.78E-04	9.73E-05	9.60E-04	0.00742
2070-02-01	44	271	270	1.46	0.2	5.03	2.19	0.0302	0.00307	4.87E-06	0.0248	2.44E-07	0.00121	0.00881	0.000134	0.27	4.89E-06	2.18	9.12E-06	8.78E-04	9.72E-05	9.59E-04	0.00781
2070-03-01	44	271	270	1.46	0.2	5.03	2.19	0.0302	0.00306	4.87E-06	0.0248	2.43E-07	0.00121	0.00882	0.000143	0.27	4.88E-06	2.21	9.11E-06	8.77E-04	9.71E-05	9.58E-04	0.00817
2070-04-01	44	270	270	1.46	2.00E-01	5.02	2.19	0.0302	0.00306	4.86E-06	0.0247	2.43E-07	0.00122	0.00884	0.000152	0.27	4.88E-06	2.25	9.09E-06	8.75E-04	9.71E-05	9.57E-04	0.00857
2070-05-01	44	269	269	1.45	1.98E-01	5	2.18	0.0302	0.00305	4.85E-06	0.0247	2.42E-07	0.00123	0.00883	0.00016	0.269	4.87E-06	2.31	9.06E-06	8.71E-04	9.70E-05	9.53E-04	0.00898
2070-06-01	44	267	267	1.44	1.96E-01	4.97	2.16	0.0302	0.00303	4.83E-06	0.0246	2.41E-07	0.00123	0.00881	0.000168	0.267	4.85E-06	2.39	8.99E-06	8.65E-04	9.68E-05	9.46E-04	0.00942
2070-07-01	44	266	265	1.44	0.193	4.95	2.15	0.0301	0.00301	4.82E-06	0.0245	2.41E-07	0.00123	0.00879	0.000176	0.265	4.84E-06	2.46	8.94E-06	8.59E-04	9.68E-05	9.40E-04	

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2073-09-01	47	236	234	1.33	0.148	4.51	1.9	0.0302	0.00268	4.52E-06	0.0233	2.24E-07	0.0014	0.00886	0.000458	0.235	4.64E-06	4.12	8.03E-06	7.58E-04	9.66E-05	8.38E-04	0.0247
2073-10-01	47	236	234	1.32	0.146	4.5	1.9	0.0302	0.00267	4.51E-06	0.0233	2.24E-07	0.0014	0.00886	0.000464	0.235	4.64E-06	4.16	8.01E-06	7.55E-04	9.66E-05	8.36E-04	0.025
2073-11-01	47	235	233	1.32	0.145	4.49	1.89	0.0302	0.00266	4.51E-06	0.0233	2.23E-07	0.0014	0.00886	0.00047	0.234	4.63E-06	4.2	7.99E-06	7.53E-04	9.66E-05	8.33E-04	0.0254
2073-12-01	47	234	232	1.32	0.144	4.48	1.89	0.0302	0.00266	4.50E-06	0.0232	2.23E-07	0.00141	0.00886	0.000477	0.233	4.63E-06	4.23	7.97E-06	7.51E-04	9.66E-05	8.32E-04	0.0257
2074-01-01	48	234	232	1.32	0.143	4.48	1.88	0.0303	0.00265	4.50E-06	0.0232	2.23E-07	0.00141	0.00888	0.000485	0.233	4.63E-06	4.26	7.97E-06	7.51E-04	9.65E-05	8.31E-04	0.0261
2074-02-01	48	234	232	1.32	0.143	4.47	1.88	0.0303	0.00265	4.49E-06	0.0232	2.23E-07	0.00142	0.0089	0.000492	0.233	4.62E-06	4.29	7.96E-06	7.50E-04	9.64E-05	8.30E-04	0.0264
2074-03-01	48	234	232	1.32	0.143	4.47	1.88	0.0303	0.00265	4.49E-06	0.0232	2.22E-07	0.00143	0.00891	0.000499	0.233	4.62E-06	4.31	7.95E-06	7.49E-04	9.64E-05	8.29E-04	0.0267
2074-04-01	48	234	231	1.32	0.143	4.47	1.88	0.0304	0.00265	4.49E-06	0.0232	2.22E-07	0.00143	0.00893	0.000506	0.233	4.62E-06	4.34	7.94E-06	7.48E-04	9.63E-05	8.28E-04	0.0271
2074-05-01	48	233	231	1.32	0.142	4.45	1.87	0.0303	0.00264	4.48E-06	0.0232	2.22E-07	0.00144	0.00892	0.000512	0.232	4.61E-06	4.38	7.92E-06	7.45E-04	9.64E-05	8.25E-04	0.0274
2074-06-01	48	231	229	1.31	1.40E-01	4.43	1.86	0.0303	0.00262	4.47E-06	0.0231	2.21E-07	0.00143	0.0089	0.000517	0.23	4.61E-06	4.43	7.88E-06	7.41E-04	9.65E-05	8.21E-04	0.0278
2074-07-01	48	230	228	1.31	1.38E-01	4.42	1.85	0.0303	0.00261	4.46E-06	0.0231	2.20E-07	0.00144	0.00889	0.000522	0.229	4.60E-06	4.48	7.85E-06	7.37E-04	9.67E-05	8.17E-04	0.0282
2074-08-01	48	229	227	1.3	1.37E-01	4.4	1.84	0.0303	0.0026	4.45E-06	0.023	2.20E-07	0.00144	0.00888	0.000527	0.228	4.60E-06	4.53	7.82E-06	7.34E-04	9.68E-05	8.14E-04	0.0286
2074-09-01	48	229	226	1.3	1.35E-01	4.39	1.84	0.0303	0.00259	4.45E-06	0.023	2.20E-07	0.00144	0.00888	0.000534	0.228	4.60E-06	4.57	7.80E-06	7.32E-04	9.69E-05	8.12E-04	0.0289
2074-10-01	48	228	226	1.3	0.134	4.38	1.83	0.0303	0.00258	4.44E-06	0.023	2.19E-07	0.00144	0.00888	0.000539	0.227	4.59E-06	4.6	7.78E-06	7.29E-04	9.69E-05	8.10E-04	0.0293
2074-11-01	48	227	225	1.29	0.132	4.37	1.83	0.0303	0.00258	4.43E-06	0.023	2.19E-07	0.00145	0.00888	0.000545	0.226	4.59E-06	4.64	7.76E-06	7.27E-04	9.69E-05	8.07E-04	0.0296
2074-12-01	48	227	225	1.29	0.131	4.37	1.82	0.0303	0.00257	4.43E-06	0.023	2.19E-07	0.00145	0.00889	0.000552	0.226	4.59E-06	4.67	7.75E-06	7.26E-04	9.69E-05	8.06E-04	0.0299
2075-01-01	49	227	224	1.29	0.131	4.36	1.82	0.0303	0.00257	4.42E-06	0.0229	2.18E-07	0.00146	0.00891	0.000559	0.226	4.58E-06	4.69	7.74E-06	7.25E-04	9.68E-05	8.05E-04	0.03
2075-02-01	49	227	224	1.29	0.131	4.36	1.82	0.0303	0.00257	4.42E-06	0.0229	2.18E-07	0.00147	0.00892	0.000566	0.226	4.58E-06	4.72	7.73E-06	7.24E-04	9.68E-05	8.04E-04	0.03
2075-03-01	49	226	224	1.29	0.131	4.36	1.82	0.0304	0.00257	4.42E-06	0.0229	2.18E-07	0.00147	0.00894	0.000573	0.225	4.58E-06	4.74	7.73E-06	7.24E-04	9.67E-05	8.04E-04	0.03
2075-04-01	49	226	224	1.29	0.131	4.36	1.82	0.0304	0.00256	4.41E-06	0.0229	2.18E-07	0.00148	0.00895	0.00058	0.225	4.57E-06	4.77	7.72E-06	7.23E-04	9.67E-05	8.03E-04	0.03
2075-05-01	49	225	223	1.29	0.129	4.35	1.81	0.0304	0.00255	4.40E-06	0.0229	2.17E-07	0.00148	0.00895	0.000585	0.224	4.57E-06	4.81	7.70E-06	7.20E-04	9.67E-05	8.00E-04	0.03
2075-06-01	49	224	222	1.28	0.128	4.32	1.8	0.0303	0.00254	4.39E-06	0.0228	2.17E-07	0.00148	0.00892	0.000589	0.223	4.56E-06	4.86	7.66E-06	7.16E-04	9.69E-05	7.96E-04	0.03
2075-07-01	49	223	220	1.28	0.126	4.31	1.79	0.0303	0.00253	4.39E-06	0.0228	2.16E-07	0.00148	0.00891	0.000593	0.222	4.56E-06	4.9	7.63E-06	7.12E-04	9.70E-05	7.92E-04	0.03
2075-08-01	49	222	220	1.28	0.125	4.3	1.78	0.0303	0.00252	4.38E-06	0.0228	2.16E-07	0.00148	0.00891	0.000598	0.221	4.56E-06	4.95	7.61E-06	7.09E-04	9.71E-05	7.90E-04	0.03
2075-09-01	49	222	219	1.27	0.123	4.29	1.78	0.0303	0.00251	4.37E-06	0.0228	2.16E-07	0.00148	0.00891	0.000604	0.221	4.56E-06	4.98	7.59E-06	7.07E-04	9.72E-05	7.88E-04	0.03
2075-10-01	49	221	218	1.27	0.122	4.28	1.77	0.0303	0.00251	4.37E-06	0.0227	2.15E-07	0.00149	0.00891	0.00061	0.22	4.55E-06	5.02	7.57E-06	7.05E-04	9.72E-05	7.86E-04	0.03
2075-11-01	49	220	218	1.27	0.121	4.27	1.77	0.0303	0.0025	4.36E-06	0.0227	2.15E-07	0.00149	0.00891	0.000615	0.219	4.55E-06	5.05	7.55E-06	7.03E-04	9.72E-05	7.84E-04	0.03
2075-12-01	49																						

Pit Closure WQ																								
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2079-06-01	53	200	196	1.2	0.0844	3.97	1.59	0.0305	0.00227	4.15E-06	0.0219	2.03E-07	0.00163	0.00903	0.000835	0.199	4.43E-06	6.31	6.93E-06	6.32E-04	9.81E-05	7.13E-04	0.03	
2079-07-01	53	199	196	1.19	0.0831	3.96	1.59	0.0305	0.00226	4.15E-06	0.0219	2.03E-07	0.00163	0.00902	0.000838	0.198	4.42E-06	6.34	6.91E-06	6.30E-04	9.83E-05	7.11E-04	0.03	
2079-08-01	53	199	195	1.19	0.0819	3.95	1.58	0.0305	0.00225	4.14E-06	0.0219	2.02E-07	0.00163	0.00902	0.000842	0.197	4.42E-06	6.37	6.90E-06	6.28E-04	9.84E-05	7.09E-04	0.03	
2079-09-01	53	198	195	1.19	0.0807	3.94	1.58	0.0305	0.00225	4.14E-06	0.0219	2.02E-07	0.00164	0.00902	0.000847	0.197	4.42E-06	6.4	6.89E-06	6.26E-04	9.84E-05	7.07E-04	0.03	
2079-10-01	53	198	194	1.19	0.0795	3.94	1.57	0.0305	0.00224	4.14E-06	0.0218	2.02E-07	0.00164	0.00902	0.000851	0.196	4.42E-06	6.43	6.87E-06	6.24E-04	9.85E-05	7.05E-04	0.03	
2079-11-01	53	197	194	1.19	0.0784	3.93	1.57	0.0305	0.00224	4.13E-06	0.0218	2.02E-07	0.00164	0.00902	0.000855	0.196	4.42E-06	6.45	6.86E-06	6.23E-04	9.85E-05	7.04E-04	0.03	
2079-12-01	53	197	193	1.19	0.0773	3.93	1.57	0.0305	0.00223	4.13E-06	0.0218	2.02E-07	0.00164	0.00903	0.00086	0.195	4.41E-06	6.48	6.85E-06	6.22E-04	9.84E-05	7.03E-04	0.03	
2080-01-01	54	197	193	1.19	0.0772	3.92	1.57	0.0306	0.00223	4.12E-06	0.0218	2.01E-07	0.00165	0.00904	0.000866	0.195	4.41E-06	6.5	6.84E-06	6.21E-04	9.84E-05	7.02E-04	0.03	
2080-02-01	54	197	193	1.19	0.0772	3.92	1.57	0.0306	0.00223	4.12E-06	0.0218	2.01E-07	0.00165	0.00906	0.000872	0.195	4.41E-06	6.52	6.84E-06	6.21E-04	9.83E-05	7.02E-04	0.03	
2080-03-01	54	197	193	1.19	0.0772	3.92	1.57	0.0306	0.00223	4.12E-06	0.0218	2.01E-07	0.00166	0.00907	0.000878	0.195	4.41E-06	6.53	6.83E-06	6.20E-04	9.83E-05	7.01E-04	0.03	
2080-04-01	54	196	193	1.19	0.0761	3.92	1.56	0.0306	0.00223	4.12E-06	0.0218	2.01E-07	0.00166	0.00908	0.000883	0.195	4.40E-06	6.56	6.83E-06	6.20E-04	9.82E-05	7.01E-04	0.03	
2080-05-01	54	196	192	1.19	0.0749	3.91	1.56	0.0306	0.00222	4.11E-06	0.0217	2.01E-07	0.00167	0.00908	0.000887	0.194	4.40E-06	6.58	6.81E-06	6.18E-04	9.83E-05	6.99E-04	0.03	
2080-06-01	54	195	191	1.18	0.0736	3.9	1.55	0.0306	0.00221	4.10E-06	0.0217	2.00E-07	0.00166	0.00906	0.000889	0.193	4.40E-06	6.61	6.78E-06	6.15E-04	9.84E-05	6.96E-04	0.03	
2080-07-01	54	194	190	1.18	0.0724	3.89	1.54	0.0306	0.0022	4.10E-06	0.0217	2.00E-07	0.00166	0.00905	0.000891	0.193	4.40E-06	6.65	6.76E-06	6.12E-04	9.85E-05	6.93E-04	0.03	
2080-08-01	54	194	190	1.17	0.0712	3.88	1.54	0.0306	0.0022	4.09E-06	0.0217	2.00E-07	0.00167	0.00905	0.000895	0.192	4.39E-06	6.68	6.75E-06	6.10E-04	9.86E-05	6.91E-04	0.03	
2080-09-01	54	193	189	1.17	0.0701	3.87	1.53	0.0306	0.00219	4.09E-06	0.0217	1.99E-07	0.00167	0.00905	0.000899	0.192	4.39E-06	6.7	6.74E-06	6.09E-04	9.87E-05	6.90E-04	0.03	
2080-10-01	54	193	189	1.17	0.0689	3.87	1.53	0.0306	0.00219	4.08E-06	0.0216	1.99E-07	0.00167	0.00905	0.000903	0.191	4.39E-06	6.73	6.72E-06	6.07E-04	9.87E-05	6.88E-04	0.03	
2080-11-01	54	192	188	1.17	0.0678	3.86	1.53	0.0306	0.00218	4.08E-06	0.0216	1.99E-07	0.00167	0.00905	0.000907	0.191	4.39E-06	6.75	6.71E-06	6.06E-04	9.87E-05	6.87E-04	0.03	
2080-12-01	54	192	188	1.17	0.0677	3.85	1.52	0.0306	0.00218	4.08E-06	0.0216	1.99E-07	0.00168	0.00906	0.000912	0.19	4.38E-06	6.77	6.70E-06	6.05E-04	9.87E-05	6.86E-04	0.03	
2081-01-01	55	192	188	1.17	0.0677	3.85	1.52	0.0306	0.00218	4.07E-06	0.0216	1.98E-07	0.00168	0.00907	0.000917	0.19	4.38E-06	6.79	6.69E-06	6.04E-04	9.86E-05	6.85E-04	0.03	
2081-02-01	55	192	188	1.17	0.0676	3.85	1.52	0.0306	0.00217	4.07E-06	0.0216	1.98E-07	0.00169	0.00908	0.000923	0.19	4.38E-06	6.81	6.69E-06	6.04E-04	9.86E-05	6.85E-04	0.03	
2081-03-01	55	192	188	1.17	0.0676	3.85	1.52	0.0307	0.00217	4.07E-06	0.0216	1.98E-07	0.00169	0.0091	0.000928	0.19	4.38E-06	6.83	6.69E-06	6.03E-04	9.85E-05	6.84E-04	0.03	
2081-04-01	55	192	188	1.17	6.76E-02	3.85	1.52	0.0307	0.00217	4.06E-06	0.0216	1.98E-07	0.0017	0.00911	0.000934	0.19	4.37E-06	6.85	6.68E-06	6.03E-04	9.85E-05	6.84E-04	0.03	
2081-05-01	55	191	187	1.17	6.64E-02	3.84	1.52	0.0307	0.00216	4.06E-06	0.0216	1.98E-07	0.0017	0.00911	0.000937	0.189	4.37E-06	6.87	6.66E-06	6.01E-04	9.85E-05	6.82E-04	0.03	
2081-06-01	55	190	186	1.16	6.51E-02	3.83	1.51	0.0306	0.00215	4.05E-06	0.0215	1.97E-07	0.0017	0.00909	0.000939	0.189	4.37E-06	6.9	6.64E-06	5.98E-04	9.87E-05	6.79E-04	0.03	
2081-07-01	55	189	185	1.16	6.39E-02	3.82	1.5	0.0306	0.00215	4.05E-06	0.0215	1.97E-07	0.0017	0.00908	0.000941	0.188	4.37E-06	6.93	6.62E-06	5.96E-04	9.88E-05	6.77E-04	0.03	
2081-08-01	55	189	185	1.16	0.0628	3.81	1.5	0.0306	0.00214	4.04E-06	0.0215	1.97E-07	0.0017	0.00907	0.000944	0.187	4.37E-06	6.96	6.61E-06	5.94E-04	9.89E-05	6.75E-04	0.03	
2081-09-01	55	189																						

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2085-03-01	59	175	170	1.11	0.0322	3.6	1.37	0.0308	0.00198	3.89E-06	0.0209	1.88E-07	0.0018	0.00919	0.00111	0.173	4.27E-06	7.84	6.18E-06	5.45E-04	9.94E-05	6.26E-04	0.03
2085-04-01	59	175	170	1.11	0.0322	3.6	1.37	0.0308	0.00198	3.88E-06	0.0209	1.88E-07	0.00181	0.0092	0.00111	0.173	4.27E-06	7.86	6.17E-06	5.44E-04	9.93E-05	6.26E-04	0.03
2085-05-01	59	174	170	1.11	0.0311	3.59	1.37	0.0308	0.00197	3.88E-06	0.0209	1.88E-07	0.00181	0.0092	0.00111	0.172	4.27E-06	7.88	6.16E-06	5.43E-04	9.93E-05	6.24E-04	0.03
2085-06-01	59	174	169	1.11	0.03	3.58	1.36	0.0308	0.00196	3.87E-06	0.0208	1.87E-07	0.00181	0.00918	0.00111	0.172	4.26E-06	7.9	6.14E-06	5.40E-04	9.94E-05	6.22E-04	0.03
2085-07-01	59	173	168	1.1	0.029	3.57	1.36	0.0307	0.00196	3.87E-06	0.0208	1.87E-07	0.00181	0.00917	0.00112	0.171	4.26E-06	7.92	6.13E-06	5.38E-04	9.95E-05	6.20E-04	0.03
2085-08-01	59	173	168	1.1	0.0279	3.57	1.35	0.0307	0.00195	3.87E-06	0.0208	1.87E-07	0.00181	0.00917	0.00112	0.171	4.26E-06	7.94	6.11E-06	5.37E-04	9.96E-05	6.19E-04	0.03
2085-09-01	59	172	167	1.1	0.0269	3.57	1.35	0.0307	0.00195	3.86E-06	0.0208	1.87E-07	0.00181	0.00917	0.00112	0.17	4.26E-06	7.96	6.11E-06	5.36E-04	9.97E-05	6.18E-04	0.03
2085-10-01	59	172	167	1.1	0.0259	3.56	1.35	0.0307	0.00195	3.86E-06	0.0208	1.86E-07	0.00181	0.00917	0.00113	0.17	4.26E-06	7.98	6.10E-06	5.35E-04	9.97E-05	6.16E-04	0.03
2085-11-01	59	172	167	1.1	0.0249	3.56	1.34	0.0307	0.00194	3.85E-06	0.0208	1.86E-07	0.00181	0.00917	0.00113	0.17	4.25E-06	8	6.09E-06	5.34E-04	9.97E-05	6.15E-04	0.03
2085-12-01	59	171	167	1.1	0.0239	3.55	1.34	0.0307	0.00194	3.85E-06	0.0207	1.86E-07	0.00182	0.00918	0.00113	0.17	4.25E-06	8.01	6.08E-06	5.33E-04	9.97E-05	6.14E-04	0.03
2086-01-01	60	171	166	1.1	0.0239	3.55	1.34	0.0308	0.00194	3.85E-06	0.0207	1.86E-07	0.00182	0.00919	0.00114	0.169	4.25E-06	8.03	6.07E-06	5.32E-04	9.96E-05	6.14E-04	0.03
2086-02-01	60	171	166	1.1	0.0239	3.55	1.34	0.0308	0.00194	3.85E-06	0.0207	1.86E-07	0.00182	0.0092	0.00114	0.169	4.25E-06	8.04	6.07E-06	5.32E-04	9.96E-05	6.14E-04	0.03
2086-03-01	60	171	166	1.1	0.0239	3.55	1.34	0.0308	0.00194	3.84E-06	0.0207	1.86E-07	0.00183	0.00921	0.00115	0.169	4.25E-06	8.06	6.07E-06	5.32E-04	9.95E-05	6.13E-04	0.03
2086-04-01	60	171	166	1.1	2.39E-02	3.55	1.34	0.0308	0.00193	3.84E-06	0.0207	1.85E-07	0.00183	0.00923	0.00115	0.169	4.24E-06	8.08	6.06E-06	5.31E-04	9.95E-05	6.13E-04	0.03
2086-05-01	60	171	166	1.1	0.0229	3.54	1.34	0.0308	0.00193	3.84E-06	0.0207	1.85E-07	0.00183	0.00922	0.00115	0.169	4.24E-06	8.09	6.05E-06	5.30E-04	9.95E-05	6.11E-04	0.03
2086-06-01	60	170	165	1.09	2.18E-02	3.53	1.33	0.0308	0.00192	3.83E-06	0.0207	1.85E-07	0.00183	0.0092	0.00115	0.168	4.24E-06	8.11	6.03E-06	5.28E-04	9.96E-05	6.09E-04	0.03
2086-07-01	60	170	164	1.09	0.0208	3.52	1.33	0.0308	0.00192	3.83E-06	0.0207	1.85E-07	0.00183	0.0092	0.00116	0.168	4.24E-06	8.13	6.02E-06	5.26E-04	9.97E-05	6.08E-04	0.03
2086-08-01	60	169	164	1.09	0.0198	3.52	1.32	0.0308	0.00191	3.82E-06	0.0206	1.84E-07	0.00183	0.00919	0.00116	0.167	4.24E-06	8.15	6.01E-06	5.25E-04	9.98E-05	6.06E-04	0.03
2086-09-01	60	169	164	1.09	0.0188	3.51	1.32	0.0308	0.00191	3.82E-06	0.0206	1.84E-07	0.00183	0.0092	0.00116	0.167	4.24E-06	8.17	6.00E-06	5.24E-04	9.98E-05	6.05E-04	0.03
2086-10-01	60	168	163	1.09	0.0178	3.51	1.32	0.0308	0.00191	3.82E-06	0.0206	1.84E-07	0.00183	0.0092	0.00116	0.167	4.23E-06	8.19	5.99E-06	5.23E-04	9.98E-05	6.04E-04	0.03
2086-11-01	60	168	163	1.09	1.68E-02	3.5	1.31	0.0308	0.0019	3.81E-06	0.0206	1.84E-07	0.00184	0.0092	0.00117	0.166	4.23E-06	8.2	5.98E-06	5.21E-04	9.98E-05	6.03E-04	0.03
2086-12-01	60	168	163	1.08	1.58E-02	3.5	1.31	0.0308	0.0019	3.81E-06	0.0206	1.84E-07	0.00184	0.0092	0.00117	0.166	4.23E-06	8.22	5.97E-06	5.21E-04	9.98E-05	6.02E-04	0.03
2087-01-01	61	168	163	1.09	1.58E-02	3.5	1.31	0.0308	0.0019	3.81E-06	0.0206	1.84E-07	0.00184	0.00921	0.00117	0.166	4.23E-06	8.24	5.97E-06	5.20E-04	9.98E-05	6.02E-04	0.03
2087-02-01	61	168	163	1.09	1.58E-02	3.5	1.31	0.0308	0.0019	3.81E-06	0.0206	1.83E-07	0.00185	0.00922	0.00118	0.166	4.22E-06	8.25	5.96E-06	5.20E-04	9.97E-05	6.02E-04	0.03
2087-03-01	61	168	163	1.09	1.58E-02	3.5	1.31	0.0308	0.0019	3.81E-06	0.0206	1.83E-07	0.00185	0.00924	0.00118	0.166	4.22E-06	8.27	5.96E-06	5.20E-04	9.97E-05	6.01E-04	0.03
2087-04-01	61	168	163	1.09	1.58E-02	3.5	1.31	0.0309	0.00189	3.80E-06	0.0206	1.83E-07	0.00186	0.00925	0.00119	0.166	4.22E-06	8.28	5.96E-06	5.19E-04	9.96E-05	6.01E-04	0.03
2087-05-01	61	167	162	1.08	0.0148	3.49	1.3	0.0309	0.00189	3.80E-06	0.0206	1.83E-07	0.00186	0.00924	0.00119	0.165	4.22E-06	8.3	5.95E-06	5.18E-04	9.97E-05	5.99E-04	0.03
2087-06-01	61	167	161	1.08	0.0138	3.48																	

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2090-12-01	64	156	150	1.04	0.000939	3.32	1.19	0.0309	0.00175	3.67E-06	0.02	1.76E-07	0.00192	0.00928	0.0013	0.153	4.14E-06	8.97	5.60E-06	4.77E-04	1.00E-04	5.59E-04	0.03
2091-01-01	65	156	150	1.04	0.000966	3.32	1.19	0.0309	0.00175	3.67E-06	0.02	1.75E-07	0.00193	0.00929	0.00131	0.153	4.14E-06	8.98	5.59E-06	4.77E-04	1.00E-04	5.59E-04	0.03
2091-02-01	65	155	150	1.04	0.000992	3.32	1.19	0.0309	0.00175	3.66E-06	0.02	1.75E-07	0.00193	0.0093	0.00131	0.153	4.14E-06	9	5.59E-06	4.77E-04	1.00E-04	5.58E-04	0.03
2091-03-01	65	155	150	1.04	0.00102	3.32	1.19	0.0309	0.00175	3.66E-06	0.02	1.75E-07	0.00194	0.00931	0.00132	0.153	4.14E-06	9.01	5.59E-06	4.76E-04	1.00E-04	5.58E-04	0.03
2091-04-01	65	155	150	1.04	1.04E-03	3.32	1.19	0.031	0.00175	3.66E-06	0.02	1.75E-07	0.00194	0.00932	0.00132	0.153	4.13E-06	9.02	5.58E-06	4.76E-04	1.00E-04	5.58E-04	0.03
2091-05-01	65	155	149	1.04	7.38E-05	3.31	1.19	0.0309	0.00175	3.66E-06	0.02	1.75E-07	0.00194	0.00932	0.00132	0.153	4.13E-06	9.04	5.57E-06	4.75E-04	1.00E-04	5.57E-04	0.03
2091-06-01	65	154	149	1.04	1.15E-04	3.3	1.19	0.0309	0.00174	3.65E-06	0.02	1.75E-07	0.00194	0.00931	0.00132	0.152	4.13E-06	9.05	5.56E-06	4.73E-04	1.00E-04	5.55E-04	0.03
2091-07-01	65	154	148	1.04	1.53E-04	3.3	1.18	0.0309	0.00174	3.65E-06	0.02	1.74E-07	0.00194	0.0093	0.00132	0.152	4.13E-06	9.06	5.55E-06	4.72E-04	1.00E-04	5.54E-04	0.03
2091-08-01	65	154	148	1.04	1.89E-04	3.29	1.18	0.0309	0.00173	3.65E-06	0.02	1.74E-07	0.00194	0.00929	0.00132	0.151	4.13E-06	9.08	5.54E-06	4.71E-04	1.00E-04	5.52E-04	0.03
2091-09-01	65	153	148	1.03	0.000221	3.29	1.18	0.0309	0.00173	3.65E-06	0.02	1.74E-07	0.00194	0.0093	0.00133	0.151	4.13E-06	9.1	5.53E-06	4.70E-04	1.00E-04	5.52E-04	0.03
2091-10-01	65	153	147	1.03	0.000254	3.29	1.17	0.0309	0.00173	3.64E-06	0.0199	1.74E-07	0.00194	0.0093	0.00133	0.151	4.13E-06	9.11	5.53E-06	4.69E-04	1.00E-04	5.51E-04	0.03
2091-11-01	65	153	147	1.03	0.000285	3.28	1.17	0.0309	0.00172	3.64E-06	0.0199	1.74E-07	0.00194	0.0093	0.00133	0.151	4.12E-06	9.12	5.52E-06	4.68E-04	1.00E-04	5.50E-04	0.03
2091-12-01	65	153	147	1.03	0.000314	3.28	1.17	0.0309	0.00172	3.64E-06	0.0199	1.74E-07	0.00194	0.0093	0.00133	0.151	4.12E-06	9.13	5.51E-06	4.67E-04	1.00E-04	5.49E-04	0.03
2092-01-01	66	153	147	1.03	0.00034	3.28	1.17	0.0309	0.00172	3.63E-06	0.0199	1.74E-07	0.00195	0.00931	0.00134	0.15	4.12E-06	9.15	5.51E-06	4.67E-04	1.00E-04	5.49E-04	0.03
2092-02-01	66	153	147	1.03	0.000366	3.28	1.17	0.0309	0.00172	3.63E-06	0.0199	1.74E-07	0.00195	0.00932	0.00134	0.15	4.12E-06	9.16	5.51E-06	4.67E-04	1.00E-04	5.49E-04	0.03
2092-03-01	66	153	147	1.03	0.00039	3.28	1.17	0.031	0.00172	3.63E-06	0.0199	1.73E-07	0.00195	0.00933	0.00135	0.15	4.12E-06	9.17	5.50E-06	4.67E-04	1.00E-04	5.48E-04	0.03
2092-04-01	66	153	147	1.03	0.000417	3.28	1.17	0.031	0.00172	3.63E-06	0.0199	1.73E-07	0.00196	0.00934	0.00135	0.15	4.12E-06	9.19	5.50E-06	4.66E-04	1.00E-04	5.48E-04	0.03
2092-05-01	66	152	146	1.03	0.000449	3.27	1.16	0.031	0.00172	3.63E-06	0.0199	1.73E-07	0.00196	0.00934	0.00135	0.15	4.11E-06	9.2	5.49E-06	4.65E-04	1.00E-04	5.47E-04	0.03
2092-06-01	66	152	146	1.03	0.000489	3.27	1.16	0.0309	0.00171	3.62E-06	0.0199	1.73E-07	0.00196	0.00932	0.00135	0.149	4.11E-06	9.21	5.48E-06	4.64E-04	1.00E-04	5.45E-04	0.03
2092-07-01	66	151	145	1.03	0.000525	3.26	1.16	0.0309	0.00171	3.62E-06	0.0198	1.73E-07	0.00195	0.00932	0.00135	0.149	4.11E-06	9.23	5.47E-06	4.62E-04	1.00E-04	5.44E-04	0.03
2092-08-01	66	151	145	1.03	0.000559	3.25	1.15	0.0309	0.0017	3.62E-06	0.0198	1.73E-07	0.00195	0.00931	0.00135	0.149	4.11E-06	9.24	5.46E-06	4.61E-04	1.01E-04	5.43E-04	0.03
2092-09-01	66	151	145	1.03	0.00059	3.25	1.15	0.0309	0.0017	3.61E-06	0.0198	1.72E-07	0.00196	0.00932	0.00136	0.148	4.11E-06	9.26	5.45E-06	4.60E-04	1.01E-04	5.42E-04	0.03
2092-10-01	66	151	145	1.02	0.000621	3.25	1.15	0.0309	0.0017	3.61E-06	0.0198	1.72E-07	0.00196	0.00931	0.00136	0.148	4.11E-06	9.27	5.45E-06	4.60E-04	1.01E-04	5.42E-04	0.03
2092-11-01	66	150	144	1.02	0.000652	3.25	1.14	0.0309	0.00169	3.61E-06	0.0198	1.72E-07	0.00196	0.00931	0.00136	0.148	4.11E-06	9.28	5.44E-06	4.59E-04	1.01E-04	5.41E-04	0.03
2092-12-01	66	150	144	1.02	0.000679	3.24	1.14	0.0309	0.00169	3.61E-06	0.0198	1.72E-07	0.00196	0.00932	0.00136	0.148	4.10E-06	9.29	5.43E-06	4.58E-04	1.01E-04	5.40E-04	0.03
2093-01-01	67	150	144	1.02	0.000705	3.24	1.14	0.0309	0.00169	3.60E-06	0.0198	1.72E-07	0.00196	0.00933	0.00137	0.148	4.10E-06	9.31	5.43E-06	4.58E-04	1.01E-04	5.40E-04	0.03
2093-02-01	67	150	144	1.02	0.00073	3.24	1.14	0.031	0.00169	3.60E-06	0.0198	1.72E-07	0.00197	0.00934	0.00137	0.148	4.10E-06	9.32	5.43E-06	4.58E-04	1.00E-04	5.39E-04	0.03
2093-03-01	67	150	1																				

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2096-09-01	70	141	135	0.992	9.86E-04	3.12	1.06	0.031	0.00159	3.50E-06	0.0194	1.66E-07	0.00202	0.00938	0.00146	0.139	4.04E-06	9.84	5.16E-06	4.26E-04	1.01E-04	5.09E-04	0.03
2096-10-01	70	141	134	0.991	1.01E-03	3.11	1.05	0.031	0.00158	3.50E-06	0.0194	1.66E-07	0.00202	0.00938	0.00146	0.138	4.04E-06	9.85	5.15E-06	4.26E-04	1.01E-04	5.08E-04	0.03
2096-11-01	70	141	134	0.99	4.23E-05	3.11	1.05	0.031	0.00158	3.50E-06	0.0194	1.66E-07	0.00202	0.00938	0.00146	0.138	4.04E-06	9.86	5.15E-06	4.25E-04	1.01E-04	5.07E-04	0.03
2096-12-01	70	141	134	0.99	6.85E-05	3.11	1.05	0.031	0.00158	3.49E-06	0.0194	1.66E-07	0.00203	0.00938	0.00147	0.138	4.04E-06	9.88	5.14E-06	4.25E-04	1.01E-04	5.07E-04	0.03
2097-01-01	71	141	134	0.99	9.31E-05	3.11	1.05	0.031	0.00158	3.49E-06	0.0194	1.66E-07	0.00203	0.00939	0.00147	0.138	4.03E-06	9.89	5.14E-06	4.24E-04	1.01E-04	5.06E-04	0.03
2097-02-01	71	141	134	0.991	1.17E-04	3.11	1.05	0.031	0.00158	3.49E-06	0.0194	1.65E-07	0.00203	0.0094	0.00147	0.138	4.03E-06	9.9	5.14E-06	4.24E-04	1.01E-04	5.06E-04	0.03
2097-03-01	71	141	134	0.991	0.000139	3.1	1.05	0.031	0.00158	3.49E-06	0.0194	1.65E-07	0.00203	0.00941	0.00148	0.138	4.03E-06	9.91	5.14E-06	4.24E-04	1.01E-04	5.06E-04	0.03
2097-04-01	71	140	134	0.991	0.000164	3.1	1.05	0.0311	0.00158	3.49E-06	0.0193	1.65E-07	0.00204	0.00942	0.00148	0.138	4.03E-06	9.92	5.13E-06	4.24E-04	1.01E-04	5.06E-04	0.03
2097-05-01	71	140	134	0.99	0.000194	3.1	1.05	0.0311	0.00157	3.48E-06	0.0193	1.65E-07	0.00204	0.00942	0.00148	0.138	4.03E-06	9.93	5.13E-06	4.23E-04	1.01E-04	5.05E-04	0.03
2097-06-01	71	140	133	0.988	0.000231	3.09	1.04	0.031	0.00157	3.48E-06	0.0193	1.65E-07	0.00204	0.0094	0.00148	0.137	4.03E-06	9.94	5.11E-06	4.21E-04	1.01E-04	5.03E-04	0.03
2097-07-01	71	139	133	0.986	0.000265	3.09	1.04	0.031	0.00157	3.48E-06	0.0193	1.65E-07	0.00203	0.0094	0.00148	0.137	4.03E-06	9.95	5.11E-06	4.20E-04	1.01E-04	5.02E-04	0.03
2097-08-01	71	139	133	0.985	0.000297	3.08	1.04	0.031	0.00156	3.48E-06	0.0193	1.65E-07	0.00203	0.00939	0.00148	0.137	4.03E-06	9.96	5.10E-06	4.19E-04	1.01E-04	5.02E-04	0.03
2097-09-01	71	139	132	0.985	0.000326	3.08	1.04	0.031	0.00156	3.47E-06	0.0193	1.65E-07	0.00204	0.0094	0.00148	0.136	4.03E-06	9.98	5.09E-06	4.19E-04	1.01E-04	5.01E-04	0.03
2097-10-01	71	139	132	0.984	3.55E-04	3.08	1.03	0.031	0.00156	3.47E-06	0.0193	1.64E-07	0.00204	0.0094	0.00148	0.136	4.02E-06	9.99	5.09E-06	4.18E-04	1.01E-04	5.00E-04	0.03
2097-11-01	71	139	132	0.983	3.83E-04	3.08	1.03	0.031	0.00156	3.47E-06	0.0193	1.64E-07	0.00204	0.0094	0.00149	0.136	4.02E-06	10	5.08E-06	4.17E-04	1.01E-04	5.00E-04	0.03
2097-12-01	71	138	132	0.983	4.09E-04	3.08	1.03	0.031	0.00155	3.47E-06	0.0193	1.64E-07	0.00204	0.0094	0.00149	0.136	4.02E-06	10	5.08E-06	4.17E-04	1.01E-04	4.99E-04	0.03
2098-01-01	72	138	132	0.983	4.33E-04	3.08	1.03	0.031	0.00155	3.47E-06	0.0193	1.64E-07	0.00204	0.00941	0.00149	0.136	4.02E-06	10	5.07E-06	4.17E-04	1.01E-04	4.99E-04	0.03
2098-02-01	72	138	132	0.983	4.56E-04	3.08	1.03	0.031	0.00155	3.46E-06	0.0193	1.64E-07	0.00205	0.00942	0.0015	0.136	4.02E-06	10	5.07E-06	4.16E-04	1.01E-04	4.99E-04	0.03
2098-03-01	72	138	132	0.984	4.78E-04	3.07	1.03	0.0311	0.00155	3.46E-06	0.0193	1.64E-07	0.00205	0.00943	0.0015	0.136	4.02E-06	10	5.07E-06	4.16E-04	1.01E-04	4.98E-04	0.03
2098-04-01	72	138	132	0.984	0.000502	3.07	1.03	0.0311	0.00155	3.46E-06	0.0192	1.64E-07	0.00205	0.00944	0.0015	0.136	4.01E-06	10.1	5.07E-06	4.16E-04	1.01E-04	4.98E-04	0.03
2098-05-01	72	138	131	0.983	0.000531	3.07	1.03	0.0311	0.00155	3.46E-06	0.0192	1.64E-07	0.00205	0.00943	0.0015	0.135	4.01E-06	10.1	5.06E-06	4.15E-04	1.01E-04	4.97E-04	0.03
2098-06-01	72	138	131	0.98	0.000566	3.06	1.02	0.031	0.00154	3.46E-06	0.0192	1.63E-07	0.00205	0.00942	0.0015	0.135	4.01E-06	10.1	5.05E-06	4.14E-04	1.01E-04	4.96E-04	0.03
2098-07-01	72	137	131	0.979	0.000598	3.06	1.02	0.031	0.00154	3.45E-06	0.0192	1.63E-07	0.00205	0.00941	0.0015	0.135	4.01E-06	10.1	5.04E-06	4.13E-04	1.01E-04	4.95E-04	0.03
2098-08-01	72	137	130	0.978	0.000629	3.06	1.02	0.031	0.00154	3.45E-06	0.0192	1.63E-07	0.00205	0.00941	0.0015	0.134	4.01E-06	10.1	5.04E-06	4.12E-04	1.01E-04	4.94E-04	0.03
2098-09-01	72	137	130	0.977	0.000658	3.05	1.02	0.031	0.00154	3.45E-06	0.0192	1.63E-07	0.00205	0.00941	0.00151	0.134	4.01E-06	10.1	5.03E-06	4.11E-04	1.01E-04	4.94E-04	0.03
2098-10-01	72	137	130	0.976	0.000685	3.05	1.01	0.031	0.00153	3.45E-06	0.0192	1.63E-07	0.00205	0.00941	0.00151	0.134	4.01E-06	10.1	5.02E-06	4.11E-04	1.01E-04	4.93E-04	0.03
2098-11-01	72	137	130	0.976	0.000713	3.05	1.01	0.031	0.00153	3.44E-06	0.0192	1.63E-07	0.00205	0.00941	0.00151	0.134	4.01E-06	10.1	5.02E-06	4.10E-04	1.01E-04	4.92E-04	0.03
2098-12-																							

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2102-06-01	76	130	123	0.954	8.44E-04	2.96	0.944	0.0311	0.00145	3.36E-06	0.0189	1.58E-07	0.0021	0.00947	0.00158	0.127	3.95E-06	10.5	4.82E-06	3.87E-04	1.01E-04	4.69E-04	0.03
2102-07-01	76	130	123	0.952	8.73E-04	2.95	0.942	0.0311	0.00145	3.36E-06	0.0188	1.58E-07	0.0021	0.00947	0.00158	0.127	3.95E-06	10.6	4.81E-06	3.86E-04	1.01E-04	4.68E-04	0.03
2102-08-01	76	129	122	0.951	9.02E-04	2.95	0.939	0.0311	0.00145	3.36E-06	0.0188	1.58E-07	0.0021	0.00946	0.00159	0.127	3.95E-06	10.6	4.80E-06	3.85E-04	1.01E-04	4.67E-04	0.03
2102-09-01	76	129	122	0.951	9.28E-04	2.95	0.937	0.0311	0.00145	3.36E-06	0.0188	1.58E-07	0.0021	0.00947	0.00159	0.126	3.95E-06	10.6	4.80E-06	3.84E-04	1.01E-04	4.67E-04	0.03
2102-10-01	76	129	122	0.95	9.54E-04	2.94	0.935	0.0311	0.00144	3.36E-06	0.0188	1.58E-07	0.0021	0.00947	0.00159	0.126	3.95E-06	10.6	4.79E-06	3.84E-04	1.01E-04	4.66E-04	0.03
2102-11-01	76	129	122	0.949	9.79E-04	2.94	0.933	0.0311	0.00144	3.35E-06	0.0188	1.58E-07	0.0021	0.00947	0.00159	0.126	3.95E-06	10.6	4.79E-06	3.83E-04	1.01E-04	4.66E-04	0.03
2102-12-01	76	129	122	0.949	0.001	2.94	0.932	0.0311	0.00144	3.35E-06	0.0188	1.58E-07	0.0021	0.00947	0.00159	0.126	3.95E-06	10.6	4.78E-06	3.83E-04	1.01E-04	4.65E-04	0.03
2103-01-01	77	129	122	0.95	0.00102	2.94	0.932	0.0311	0.00144	3.35E-06	0.0188	1.57E-07	0.00211	0.00948	0.00159	0.126	3.95E-06	10.6	4.78E-06	3.83E-04	1.01E-04	4.65E-04	0.03
2103-02-01	77	129	122	0.95	0.00105	2.94	0.932	0.0311	0.00144	3.35E-06	0.0188	1.57E-07	0.00211	0.00949	0.0016	0.126	3.95E-06	10.6	4.78E-06	3.83E-04	1.01E-04	4.65E-04	0.03
2103-03-01	77	129	122	0.95	0.00107	2.94	0.932	0.0311	0.00144	3.35E-06	0.0188	1.57E-07	0.00211	0.00949	0.0016	0.126	3.94E-06	10.6	4.78E-06	3.82E-04	1.01E-04	4.65E-04	0.03
2103-04-01	77	129	122	0.951	0.00109	2.94	0.932	0.0312	0.00144	3.35E-06	0.0188	1.57E-07	0.00211	0.0095	0.0016	0.126	3.94E-06	10.6	4.78E-06	3.82E-04	1.01E-04	4.64E-04	0.03
2103-05-01	77	129	121	0.95	0.000114	2.94	0.929	0.0311	0.00144	3.34E-06	0.0188	1.57E-07	0.00211	0.0095	0.0016	0.126	3.94E-06	10.6	4.77E-06	3.81E-04	1.01E-04	4.64E-04	0.03
2103-06-01	77	128	121	0.948	0.000148	2.93	0.926	0.0311	0.00143	3.34E-06	0.0188	1.57E-07	0.00211	0.00949	0.0016	0.125	3.94E-06	10.7	4.76E-06	3.80E-04	1.01E-04	4.63E-04	0.03
2103-07-01	77	128	121	0.946	0.000178	2.93	0.923	0.0311	0.00143	3.34E-06	0.0188	1.57E-07	0.00211	0.00948	0.0016	0.125	3.94E-06	10.7	4.75E-06	3.79E-04	1.01E-04	4.62E-04	0.03
2103-08-01	77	128	121	0.945	0.000208	2.92	0.921	0.0311	0.00143	3.34E-06	0.0188	1.57E-07	0.00211	0.00948	0.0016	0.125	3.94E-06	10.7	4.75E-06	3.79E-04	1.01E-04	4.61E-04	0.03
2103-09-01	77	128	120	0.945	2.35E-04	2.92	0.919	0.0311	0.00143	3.34E-06	0.0188	1.57E-07	0.00211	0.00948	0.00161	0.125	3.94E-06	10.7	4.75E-06	3.78E-04	1.01E-04	4.61E-04	0.03
2103-10-01	77	127	120	0.944	2.61E-04	2.92	0.917	0.0311	0.00142	3.33E-06	0.0187	1.57E-07	0.00211	0.00948	0.00161	0.124	3.94E-06	10.7	4.74E-06	3.78E-04	1.02E-04	4.60E-04	0.03
2103-11-01	77	127	120	0.944	2.87E-04	2.92	0.915	0.0311	0.00142	3.33E-06	0.0187	1.56E-07	0.00211	0.00948	0.00161	0.124	3.94E-06	10.7	4.74E-06	3.77E-04	1.02E-04	4.60E-04	0.03
2103-12-01	77	127	120	0.943	3.11E-04	2.92	0.914	0.0311	0.00142	3.33E-06	0.0187	1.56E-07	0.00211	0.00948	0.00161	0.124	3.94E-06	10.7	4.73E-06	3.77E-04	1.01E-04	4.59E-04	0.03
2104-01-01	78	127	120	0.944	3.33E-04	2.92	0.914	0.0311	0.00142	3.33E-06	0.0187	1.56E-07	0.00212	0.00949	0.00161	0.124	3.93E-06	10.7	4.73E-06	3.77E-04	1.01E-04	4.59E-04	0.03
2104-02-01	78	127	120	0.944	3.55E-04	2.92	0.914	0.0311	0.00142	3.33E-06	0.0187	1.56E-07	0.00212	0.0095	0.00162	0.124	3.93E-06	10.7	4.73E-06	3.76E-04	1.01E-04	4.59E-04	0.03
2104-03-01	78	127	120	0.944	3.75E-04	2.92	0.914	0.0311	0.00142	3.33E-06	0.0187	1.56E-07	0.00212	0.00951	0.00162	0.124	3.93E-06	10.7	4.73E-06	3.76E-04	1.01E-04	4.59E-04	0.03
2104-04-01	78	127	120	0.945	0.000398	2.92	0.913	0.0312	0.00142	3.32E-06	0.0187	1.56E-07	0.00213	0.00951	0.00162	0.124	3.93E-06	10.7	4.72E-06	3.76E-04	1.01E-04	4.58E-04	0.03
2104-05-01	78	127	120	0.944	0.000425	2.91	0.91	0.0312	0.00142	3.32E-06	0.0187	1.56E-07	0.00213	0.00951	0.00162	0.124	3.93E-06	10.8	4.72E-06	3.75E-04	1.01E-04	4.58E-04	0.03
2104-06-01	78	126	119	0.942	0.000457	2.91	0.907	0.0311	0.00141	3.32E-06	0.0187	1.56E-07	0.00212	0.0095	0.00162	0.124	3.93E-06	10.8	4.71E-06	3.74E-04	1.01E-04	4.57E-04	0.03
2104-07-01	78	126	119	0.94	0.000486	2.9	0.905	0.0311	0.00141	3.32E-06	0.0187	1.56E-07	0.00212	0.00949	0.00162	0.123	3.93E-06	10.8	4.70E-06	3.73E-04	1.01E-04	4.56E-04	0.03
2104-08-01	78	126	119	0.939	0.000515	2.9	0.902	0.0311	0.00141	3.32E-06	0.0187	1.56E-07	0.00212	0.00949	0.00162	0.123	3.93E-06	10.8	4.70E-06	3.73E-04			

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2108-03-01	82	121	113	0.923	0.000559	2.83	0.846	0.0312	0.00134	3.25E-06	0.0184	1.52E-07	0.00216	0.00955	0.00169	0.118	3.88E-06	11.1	4.53E-06	3.54E-04	1.02E-04	4.36E-04	0.03
2108-04-01	82	121	113	0.923	0.00058	2.83	0.845	0.0312	0.00134	3.25E-06	0.0184	1.52E-07	0.00217	0.00956	0.00169	0.118	3.88E-06	11.1	4.53E-06	3.54E-04	1.02E-04	4.36E-04	0.03
2108-05-01	82	121	113	0.922	0.000605	2.83	0.843	0.0312	0.00134	3.24E-06	0.0184	1.52E-07	0.00217	0.00956	0.00169	0.117	3.88E-06	11.1	4.53E-06	3.53E-04	1.02E-04	4.36E-04	0.03
2108-06-01	82	120	113	0.92	6.35E-04	2.82	0.84	0.0312	0.00134	3.24E-06	0.0184	1.51E-07	0.00216	0.00955	0.00169	0.117	3.88E-06	11.1	4.52E-06	3.52E-04	1.02E-04	4.35E-04	0.03
2108-07-01	82	120	112	0.919	6.62E-04	2.82	0.838	0.0312	0.00134	3.24E-06	0.0184	1.51E-07	0.00216	0.00954	0.00169	0.117	3.88E-06	11.2	4.51E-06	3.51E-04	1.02E-04	4.34E-04	0.03
2108-08-01	82	120	112	0.918	6.89E-04	2.82	0.836	0.0312	0.00133	3.24E-06	0.0184	1.51E-07	0.00216	0.00954	0.00169	0.117	3.88E-06	11.2	4.51E-06	3.51E-04	1.02E-04	4.33E-04	0.03
2108-09-01	82	120	112	0.918	7.14E-04	2.82	0.834	0.0312	0.00133	3.24E-06	0.0184	1.51E-07	0.00216	0.00954	0.00169	0.117	3.88E-06	11.2	4.51E-06	3.50E-04	1.02E-04	4.33E-04	0.03
2108-10-01	82	120	112	0.917	7.38E-04	2.82	0.832	0.0312	0.00133	3.24E-06	0.0184	1.51E-07	0.00216	0.00954	0.00169	0.116	3.88E-06	11.2	4.50E-06	3.50E-04	1.02E-04	4.32E-04	0.03
2108-11-01	82	119	112	0.917	7.62E-04	2.81	0.831	0.0312	0.00133	3.23E-06	0.0184	1.51E-07	0.00216	0.00954	0.00169	0.116	3.88E-06	11.2	4.50E-06	3.49E-04	1.02E-04	4.32E-04	0.03
2108-12-01	82	119	112	0.916	7.83E-04	2.81	0.83	0.0312	0.00133	3.23E-06	0.0183	1.51E-07	0.00216	0.00954	0.00169	0.116	3.88E-06	11.2	4.50E-06	3.49E-04	1.02E-04	4.32E-04	0.03
2109-01-01	83	119	112	0.917	8.04E-04	2.81	0.83	0.0312	0.00133	3.23E-06	0.0183	1.51E-07	0.00217	0.00955	0.00169	0.116	3.87E-06	11.2	4.49E-06	3.49E-04	1.02E-04	4.31E-04	0.03
2109-02-01	83	119	112	0.917	8.24E-04	2.81	0.83	0.0312	0.00133	3.23E-06	0.0183	1.51E-07	0.00217	0.00956	0.0017	0.116	3.87E-06	11.2	4.49E-06	3.49E-04	1.02E-04	4.31E-04	0.03
2109-03-01	83	119	112	0.917	0.000843	2.81	0.83	0.0312	0.00133	3.23E-06	0.0183	1.51E-07	0.00217	0.00956	0.0017	0.116	3.87E-06	11.2	4.49E-06	3.49E-04	1.02E-04	4.31E-04	0.03
2109-04-01	83	119	112	0.918	0.000864	2.81	0.83	0.0312	0.00133	3.23E-06	0.0183	1.51E-07	0.00217	0.00957	0.0017	0.116	3.87E-06	11.2	4.49E-06	3.49E-04	1.02E-04	4.31E-04	0.03
2109-05-01	83	119	111	0.917	0.000888	2.81	0.828	0.0312	0.00132	3.23E-06	0.0183	1.51E-07	0.00217	0.00957	0.0017	0.116	3.87E-06	11.2	4.48E-06	3.48E-04	1.02E-04	4.30E-04	0.03
2109-06-01	83	119	111	0.915	0.000917	2.8	0.826	0.0312	0.00132	3.22E-06	0.0183	1.50E-07	0.00217	0.00956	0.0017	0.116	3.87E-06	11.2	4.48E-06	3.47E-04	1.02E-04	4.29E-04	0.03
2109-07-01	83	119	111	0.914	0.000943	2.8	0.823	0.0312	0.00132	3.22E-06	0.0183	1.50E-07	0.00217	0.00955	0.0017	0.115	3.87E-06	11.2	4.47E-06	3.46E-04	1.02E-04	4.29E-04	0.03
2109-08-01	83	118	111	0.913	0.000969	2.8	0.821	0.0312	0.00132	3.22E-06	0.0183	1.50E-07	0.00217	0.00955	0.0017	0.115	3.87E-06	11.2	4.47E-06	3.46E-04	1.02E-04	4.28E-04	0.03
2109-09-01	83	118	111	0.913	0.000993	2.8	0.82	0.0312	0.00132	3.22E-06	0.0183	1.50E-07	0.00217	0.00955	0.0017	0.115	3.87E-06	11.3	4.46E-06	3.45E-04	1.02E-04	4.28E-04	0.03
2109-10-01	83	118	110	0.912	0.00102	2.8	0.818	0.0312	0.00131	3.22E-06	0.0183	1.50E-07	0.00217	0.00955	0.0017	0.115	3.87E-06	11.3	4.46E-06	3.45E-04	1.02E-04	4.27E-04	0.03
2109-11-01	83	118	110	0.912	3.94E-05	2.79	0.816	0.0312	0.00131	3.22E-06	0.0183	1.50E-07	0.00217	0.00955	0.00171	0.115	3.87E-06	11.3	4.46E-06	3.44E-04	1.02E-04	4.27E-04	0.03
2109-12-01	83	118	110	0.912	6.15E-05	2.79	0.815	0.0312	0.00131	3.21E-06	0.0183	1.50E-07	0.00217	0.00955	0.00171	0.115	3.87E-06	11.3	4.45E-06	3.44E-04	1.02E-04	4.27E-04	0.03
2110-01-01	84	118	110	0.912	8.23E-05	2.79	0.815	0.0312	0.00131	3.21E-06	0.0183	1.50E-07	0.00218	0.00956	0.00171	0.115	3.86E-06	11.3	4.45E-06	3.44E-04	1.02E-04	4.26E-04	0.03
2110-02-01	84	118	110	0.912	0.000103	2.79	0.815	0.0312	0.00131	3.21E-06	0.0183	1.50E-07	0.00218	0.00957	0.00171	0.115	3.86E-06	11.3	4.45E-06	3.44E-04	1.02E-04	4.26E-04	0.03
2110-03-01	84	118	110	0.913	0.000121	2.79	0.815	0.0312	0.00131	3.21E-06	0.0183	1.50E-07	0.00218	0.00958	0.00171	0.115	3.86E-06	11.3	4.45E-06	3.44E-04	1.02E-04	4.26E-04	0.03
2110-04-01	84	118	110	0.913	0.000143	2.79	0.815	0.0312	0.00131	3.21E-06	0.0183	1.50E-07	0.00218	0.00958	0.00172	0.115	3.86E-06	11.3	4.45E-06	3.44E-04	1.02E-04	4.26E-04	0.03
2110-05-01	84	118	110	0.912	0.000168	2.79	0.813	0.0312	0.00131	3.21E-06	0.0183	1.50E-07	0.00218	0.00958	0.00172	0.115	3.86E-06	11.3	4.44E-06	3			

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2113-12-01	87	113	105	0.894	0.000163	2.72	0.756	0.0312	0.00125	3.15E-06	0.018	1.46E-07	0.00221	0.00959	0.00176	0.109	3.82E-06	11.6	4.29E-06	3.26E-04	1.02E-04	4.08E-04	0.03
2114-01-01	88	113	105	0.894	0.000183	2.72	0.756	0.0312	0.00125	3.15E-06	0.018	1.46E-07	0.00221	0.0096	0.00176	0.109	3.82E-06	11.6	4.29E-06	3.25E-04	1.02E-04	4.08E-04	0.03
2114-02-01	88	113	105	0.894	0.000203	2.72	0.756	0.0312	0.00125	3.15E-06	0.018	1.46E-07	0.00221	0.00961	0.00177	0.109	3.82E-06	11.6	4.29E-06	3.25E-04	1.02E-04	4.08E-04	0.03
2114-03-01	88	113	105	0.895	0.00022	2.72	0.756	0.0313	0.00125	3.14E-06	0.018	1.46E-07	0.00221	0.00962	0.00177	0.109	3.82E-06	11.6	4.29E-06	3.25E-04	1.02E-04	4.08E-04	0.03
2114-04-01	88	113	105	0.895	0.000241	2.72	0.756	0.0313	0.00125	3.14E-06	0.018	1.46E-07	0.00222	0.00962	0.00177	0.109	3.82E-06	11.6	4.29E-06	3.25E-04	1.02E-04	4.08E-04	0.03
2114-05-01	88	113	105	0.894	0.000264	2.72	0.754	0.0313	0.00124	3.14E-06	0.018	1.46E-07	0.00222	0.00962	0.00177	0.109	3.82E-06	11.6	4.28E-06	3.25E-04	1.02E-04	4.07E-04	0.03
2114-06-01	88	112	104	0.892	0.000293	2.72	0.752	0.0312	0.00124	3.14E-06	0.018	1.46E-07	0.00221	0.00961	0.00177	0.109	3.82E-06	11.6	4.28E-06	3.24E-04	1.02E-04	4.06E-04	0.03
2114-07-01	88	112	104	0.891	0.000319	2.71	0.75	0.0312	0.00124	3.14E-06	0.018	1.46E-07	0.00221	0.0096	0.00177	0.109	3.82E-06	11.6	4.27E-06	3.23E-04	1.02E-04	4.06E-04	0.03
2114-08-01	88	112	104	0.891	0.000344	2.71	0.748	0.0312	0.00124	3.14E-06	0.018	1.46E-07	0.00221	0.0096	0.00177	0.109	3.82E-06	11.7	4.27E-06	3.23E-04	1.02E-04	4.05E-04	0.03
2114-09-01	88	112	104	0.89	0.000367	2.71	0.746	0.0312	0.00124	3.14E-06	0.018	1.45E-07	0.00221	0.0096	0.00177	0.108	3.82E-06	11.7	4.27E-06	3.22E-04	1.02E-04	4.05E-04	0.03
2114-10-01	88	112	104	0.89	0.00039	2.71	0.745	0.0312	0.00124	3.14E-06	0.018	1.45E-07	0.00221	0.0096	0.00177	0.108	3.82E-06	11.7	4.26E-06	3.22E-04	1.02E-04	4.05E-04	0.03
2114-11-01	88	112	104	0.89	0.000413	2.71	0.743	0.0312	0.00123	3.13E-06	0.018	1.45E-07	0.00221	0.0096	0.00177	0.108	3.82E-06	11.7	4.26E-06	3.21E-04	1.02E-04	4.04E-04	0.03
2114-12-01	88	112	104	0.889	0.000433	2.71	0.742	0.0312	0.00123	3.13E-06	0.0179	1.45E-07	0.00221	0.0096	0.00177	0.108	3.81E-06	11.7	4.26E-06	3.21E-04	1.02E-04	4.04E-04	0.03
2115-01-01	89	112	103	0.89	0.000453	2.71	0.742	0.0312	0.00123	3.13E-06	0.0179	1.45E-07	0.00222	0.00961	0.00178	0.108	3.81E-06	11.7	4.25E-06	3.21E-04	1.02E-04	4.04E-04	0.03
2115-02-01	89	112	103	0.89	0.000472	2.71	0.742	0.0313	0.00123	3.13E-06	0.0179	1.45E-07	0.00222	0.00962	0.00178	0.108	3.81E-06	11.7	4.25E-06	3.21E-04	1.02E-04	4.04E-04	0.03
2115-03-01	89	112	103	0.89	0.000489	2.71	0.742	0.0313	0.00123	3.13E-06	0.0179	1.45E-07	0.00222	0.00963	0.00178	0.108	3.81E-06	11.7	4.25E-06	3.21E-04	1.02E-04	4.03E-04	0.03
2115-04-01	89	112	103	0.891	5.09E-04	2.71	0.742	0.0313	0.00123	3.13E-06	0.0179	1.45E-07	0.00222	0.00963	0.00178	0.108	3.81E-06	11.7	4.25E-06	3.21E-04	1.02E-04	4.03E-04	0.03
2115-05-01	89	111	103	0.89	5.32E-04	2.7	0.74	0.0313	0.00123	3.13E-06	0.0179	1.45E-07	0.00222	0.00963	0.00178	0.108	3.81E-06	11.7	4.25E-06	3.20E-04	1.02E-04	4.03E-04	0.03
2115-06-01	89	111	103	0.888	5.60E-04	2.7	0.738	0.0313	0.00123	3.12E-06	0.0179	1.45E-07	0.00222	0.00962	0.00178	0.108	3.81E-06	11.7	4.24E-06	3.19E-04	1.02E-04	4.02E-04	0.03
2115-07-01	89	111	103	0.887	5.85E-04	2.7	0.736	0.0312	0.00123	3.12E-06	0.0179	1.45E-07	0.00222	0.00961	0.00178	0.108	3.81E-06	11.7	4.24E-06	3.19E-04	1.02E-04	4.01E-04	0.03
2115-08-01	89	111	103	0.887	6.09E-04	2.7	0.734	0.0312	0.00122	3.12E-06	0.0179	1.45E-07	0.00222	0.00961	0.00178	0.107	3.81E-06	11.7	4.23E-06	3.18E-04	1.02E-04	4.01E-04	0.03
2115-09-01	89	111	103	0.886	0.000632	2.7	0.733	0.0312	0.00122	3.12E-06	0.0179	1.45E-07	0.00222	0.00961	0.00178	0.107	3.81E-06	11.7	4.23E-06	3.18E-04	1.02E-04	4.01E-04	0.03
2115-10-01	89	111	102	0.886	0.000654	2.69	0.731	0.0312	0.00122	3.12E-06	0.0179	1.45E-07	0.00222	0.00961	0.00178	0.107	3.81E-06	11.7	4.23E-06	3.18E-04	1.02E-04	4.00E-04	0.03
2115-11-01	89	110	102	0.885	0.000676	2.69	0.729	0.0312	0.00122	3.12E-06	0.0179	1.44E-07	0.00222	0.00961	0.00178	0.107	3.81E-06	11.7	4.22E-06	3.17E-04	1.02E-04	4.00E-04	0.03
2115-12-01	89	110	102	0.885	0.000696	2.69	0.728	0.0312	0.00122	3.12E-06	0.0179	1.44E-07	0.00222	0.00961	0.00179	0.107	3.80E-06	11.8	4.22E-06	3.17E-04	1.02E-04	4.00E-04	0.03
2116-01-01	90	110	102	0.886	0.000715	2.69	0.728	0.0313	0.00122	3.12E-06	0.0179	1.44E-07	0.00222	0.00962	0.00179	0.107	3.80E-06	11.8	4.22E-06	3.17E-04	1.02E-04	4.00E-04	0.03
2116-02-01	90	110	102	0.886	0.000734	2.69	0.728	0.0313	0.00122	3.11E-06	0.0179	1.44E-07	0.00223	0.00963	0.00179	0.107	3.80E-06	11.8	4.22E-06	3.17E-04			

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2119-09-01	93	106	98	0.871	0.000656	2.64	0.68	0.0313	0.00117	3.06E-06	0.0177	1.41E-07	0.00225	0.00965	0.00183	0.103	3.77E-06	12	4.10E-06	3.02E-04	1.02E-04	3.85E-04	0.03
2119-10-01	93	106	97.9	0.871	0.000677	2.64	0.679	0.0313	0.00117	3.06E-06	0.0177	1.41E-07	0.00225	0.00965	0.00183	0.103	3.77E-06	12	4.09E-06	3.02E-04	1.02E-04	3.85E-04	0.03
2119-11-01	93	106	97.8	0.87	6.98E-04	2.64	0.677	0.0313	0.00117	3.06E-06	0.0177	1.41E-07	0.00225	0.00965	0.00183	0.103	3.77E-06	12	4.09E-06	3.02E-04	1.02E-04	3.84E-04	0.03
2119-12-01	93	106	97.7	0.87	7.17E-04	2.64	0.676	0.0313	0.00117	3.06E-06	0.0177	1.41E-07	0.00225	0.00965	0.00183	0.102	3.77E-06	12	4.09E-06	3.01E-04	1.02E-04	3.84E-04	0.03
2120-01-01	94	106	97.7	0.871	7.35E-04	2.64	0.676	0.0313	0.00117	3.06E-06	0.0177	1.41E-07	0.00225	0.00966	0.00183	0.102	3.77E-06	12	4.09E-06	3.01E-04	1.02E-04	3.84E-04	0.03
2120-02-01	94	106	97.6	0.871	7.53E-04	2.64	0.676	0.0313	0.00117	3.06E-06	0.0177	1.41E-07	0.00225	0.00966	0.00183	0.102	3.77E-06	12	4.08E-06	3.01E-04	1.02E-04	3.84E-04	0.03
2120-03-01	94	106	97.6	0.871	7.70E-04	2.64	0.676	0.0313	0.00117	3.06E-06	0.0176	1.41E-07	0.00225	0.00967	0.00184	0.102	3.77E-06	12.1	4.08E-06	3.01E-04	1.02E-04	3.84E-04	0.03
2120-04-01	94	106	97.6	0.871	7.89E-04	2.64	0.675	0.0313	0.00117	3.05E-06	0.0176	1.41E-07	0.00226	0.00967	0.00184	0.102	3.76E-06	12.1	4.08E-06	3.01E-04	1.02E-04	3.84E-04	0.03
2120-05-01	94	106	97.5	0.871	8.10E-04	2.63	0.673	0.0313	0.00116	3.05E-06	0.0176	1.41E-07	0.00226	0.00967	0.00184	0.102	3.76E-06	12.1	4.08E-06	3.01E-04	1.02E-04	3.83E-04	0.03
2120-06-01	94	106	97.3	0.869	8.35E-04	2.63	0.671	0.0313	0.00116	3.05E-06	0.0176	1.41E-07	0.00225	0.00966	0.00184	0.102	3.76E-06	12.1	4.07E-06	3.00E-04	1.02E-04	3.83E-04	0.03
2120-07-01	94	106	97.1	0.868	8.58E-04	2.63	0.669	0.0313	0.00116	3.05E-06	0.0176	1.41E-07	0.00225	0.00966	0.00184	0.102	3.76E-06	12.1	4.07E-06	2.99E-04	1.02E-04	3.82E-04	0.03
2120-08-01	94	105	97	0.868	0.00088	2.63	0.668	0.0313	0.00116	3.05E-06	0.0176	1.41E-07	0.00225	0.00965	0.00184	0.102	3.76E-06	12.1	4.07E-06	2.99E-04	1.02E-04	3.82E-04	0.03
2120-09-01	94	105	96.9	0.868	0.000901	2.63	0.666	0.0313	0.00116	3.05E-06	0.0176	1.40E-07	0.00225	0.00966	0.00184	0.102	3.76E-06	12.1	4.06E-06	2.99E-04	1.02E-04	3.82E-04	0.03
2120-10-01	94	105	96.8	0.867	0.000921	2.63	0.665	0.0313	0.00116	3.05E-06	0.0176	1.40E-07	0.00225	0.00965	0.00184	0.102	3.76E-06	12.1	4.06E-06	2.98E-04	1.02E-04	3.81E-04	0.03
2120-11-01	94	105	96.7	0.867	0.000942	2.62	0.664	0.0313	0.00116	3.05E-06	0.0176	1.40E-07	0.00225	0.00965	0.00184	0.101	3.76E-06	12.1	4.06E-06	2.98E-04	1.02E-04	3.81E-04	0.03
2120-12-01	94	105	96.6	0.867	0.00096	2.62	0.663	0.0313	0.00115	3.04E-06	0.0176	1.40E-07	0.00225	0.00966	0.00184	0.101	3.76E-06	12.1	4.06E-06	2.98E-04	1.02E-04	3.81E-04	0.03
2121-01-01	95	105	96.6	0.867	0.000978	2.62	0.663	0.0313	0.00115	3.04E-06	0.0176	1.40E-07	0.00226	0.00966	0.00184	0.101	3.76E-06	12.1	4.05E-06	2.98E-04	1.02E-04	3.80E-04	0.03
2121-02-01	95	105	96.6	0.867	0.000996	2.62	0.663	0.0313	0.00115	3.04E-06	0.0176	1.40E-07	0.00226	0.00967	0.00184	0.101	3.76E-06	12.1	4.05E-06	2.98E-04	1.02E-04	3.80E-04	0.03
2121-03-01	95	105	96.6	0.868	0.00101	2.62	0.664	0.0313	0.00115	3.04E-06	0.0176	1.40E-07	0.00226	0.00968	0.00185	0.101	3.76E-06	12.1	4.05E-06	2.98E-04	1.02E-04	3.80E-04	0.03
2121-04-01	95	105	96.5	0.868	0.00103	2.62	0.664	0.0313	0.00115	3.04E-06	0.0176	1.40E-07	0.00226	0.00968	0.00185	0.101	3.76E-06	12.1	4.05E-06	2.97E-04	1.02E-04	3.80E-04	0.03
2121-05-01	95	105	96.4	0.867	5.05E-05	2.62	0.662	0.0313	0.00115	3.04E-06	0.0176	1.40E-07	0.00226	0.00968	0.00185	0.101	3.76E-06	12.1	4.05E-06	2.97E-04	1.02E-04	3.80E-04	0.03
2121-06-01	95	105	96.2	0.866	7.66E-05	2.62	0.66	0.0313	0.00115	3.04E-06	0.0176	1.40E-07	0.00226	0.00967	0.00185	0.101	3.75E-06	12.1	4.04E-06	2.96E-04	1.02E-04	3.79E-04	0.03
2121-07-01	95	105	96	0.865	0.000101	2.62	0.658	0.0313	0.00115	3.04E-06	0.0176	1.40E-07	0.00226	0.00966	0.00185	0.101	3.75E-06	12.1	4.04E-06	2.96E-04	1.02E-04	3.79E-04	0.03
2121-08-01	95	104	95.9	0.864	0.000124	2.61	0.656	0.0313	0.00115	3.04E-06	0.0176	1.40E-07	0.00226	0.00966	0.00185	0.101	3.75E-06	12.1	4.04E-06	2.95E-04	1.02E-04	3.78E-04	0.03
2121-09-01	95	104	95.8	0.864	0.000145	2.61	0.655	0.0313	0.00115	3.04E-06	0.0176	1.40E-07	0.00226	0.00966	0.00185	0.101	3.75E-06	12.1	4.03E-06	2.95E-04	1.02E-04	3.78E-04	0.03
2121-10-01	95	104	95.7	0.864	0.000166	2.61	0.654	0.0313	0.00114	3.03E-06	0.0176	1.40E-07	0.00226	0.00966	0.00185	0.101	3.75E-06	12.1	4.03E-06	2.95E-04	1.02E-04	3.78E-04	0.03
2121-11-01	95	104	95.6	0.863	0.000187	2.61	0.652	0.0313	0.00114	3.03E-06	0.0176	1.40E-07	0.00226	0.00966	0.00185	0.1	3.75E-06						

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2125-06-01	99	101	92.3	0.852	2.29E-05	2.57	0.612	0.0313	0.0011	2.99E-06	0.0174	1.37E-07	0.00228	0.00969	0.00188	0.0971	3.72E-06	12.4	3.93E-06	2.83E-04	1.02E-04	3.66E-04	0.03
2125-07-01	99	101	92.1	0.852	4.56E-05	2.57	0.61	0.0313	0.0011	2.99E-06	0.0174	1.37E-07	0.00228	0.00969	0.00188	0.097	3.72E-06	12.4	3.92E-06	2.82E-04	1.02E-04	3.65E-04	0.03
2125-08-01	99	101	92	0.851	6.77E-05	2.57	0.609	0.0313	0.0011	2.99E-06	0.0174	1.37E-07	0.00228	0.00969	0.00188	0.0969	3.72E-06	12.4	3.92E-06	2.82E-04	1.03E-04	3.65E-04	0.03
2125-09-01	99	101	91.9	0.851	8.78E-05	2.57	0.608	0.0313	0.0011	2.98E-06	0.0174	1.37E-07	0.00228	0.00969	0.00188	0.0968	3.72E-06	12.4	3.92E-06	2.82E-04	1.03E-04	3.65E-04	0.03
2125-10-01	99	101	91.8	0.85	0.000108	2.57	0.606	0.0313	0.0011	2.98E-06	0.0174	1.37E-07	0.00228	0.00969	0.00188	0.0967	3.72E-06	12.4	3.92E-06	2.82E-04	1.03E-04	3.64E-04	0.03
2125-11-01	99	100	91.8	0.85	0.000128	2.57	0.605	0.0313	0.0011	2.98E-06	0.0174	1.37E-07	0.00228	0.00969	0.00188	0.0966	3.72E-06	12.4	3.92E-06	2.81E-04	1.03E-04	3.64E-04	0.03
2125-12-01	99	100	91.7	0.85	0.000146	2.57	0.604	0.0313	0.0011	2.98E-06	0.0173	1.37E-07	0.00228	0.00969	0.00188	0.0966	3.72E-06	12.4	3.91E-06	2.81E-04	1.03E-04	3.64E-04	0.03
2126-01-01	100	100	91.7	0.85	0.000163	2.57	0.604	0.0313	0.0011	2.98E-06	0.0173	1.37E-07	0.00228	0.00969	0.00189	0.0966	3.72E-06	12.4	3.91E-06	2.81E-04	1.03E-04	3.64E-04	0.03
2126-02-01	100	100	91.7	0.851	0.00018	2.57	0.604	0.0313	0.0011	2.98E-06	0.0173	1.37E-07	0.00228	0.0097	0.00189	0.0966	3.72E-06	12.4	3.91E-06	2.81E-04	1.02E-04	3.64E-04	0.03
2126-03-01	100	100	91.7	0.851	0.000195	2.56	0.604	0.0313	0.0011	2.98E-06	0.0173	1.37E-07	0.00228	0.00971	0.00189	0.0966	3.72E-06	12.4	3.91E-06	2.81E-04	1.02E-04	3.64E-04	0.03
2126-04-01	100	100	91.6	0.851	2.12E-04	2.56	0.604	0.0313	0.0011	2.98E-06	0.0173	1.37E-07	0.00229	0.00971	0.00189	0.0965	3.72E-06	12.4	3.91E-06	2.81E-04	1.02E-04	3.63E-04	0.03
2126-05-01	100	100	91.5	0.851	2.32E-04	2.56	0.602	0.0313	0.0011	2.98E-06	0.0173	1.36E-07	0.00229	0.00971	0.00189	0.0964	3.72E-06	12.4	3.91E-06	2.80E-04	1.02E-04	3.63E-04	0.03
2126-06-01	100	100	91.3	0.849	2.56E-04	2.56	0.6	0.0313	0.00109	2.97E-06	0.0173	1.36E-07	0.00228	0.0097	0.00189	0.0962	3.72E-06	12.4	3.90E-06	2.80E-04	1.02E-04	3.63E-04	0.03
2126-07-01	100	99.9	91.2	0.848	2.78E-04	2.56	0.599	0.0313	0.00109	2.97E-06	0.0173	1.36E-07	0.00228	0.00969	0.00189	0.0961	3.72E-06	12.4	3.90E-06	2.79E-04	1.03E-04	3.62E-04	0.03
2126-08-01	100	99.8	91.1	0.848	3.00E-04	2.56	0.597	0.0313	0.00109	2.97E-06	0.0173	1.36E-07	0.00228	0.00969	0.00189	0.096	3.72E-06	12.4	3.90E-06	2.79E-04	1.03E-04	3.62E-04	0.03
2126-09-01	100	99.8	91	0.848	3.19E-04	2.56	0.596	0.0313	0.00109	2.97E-06	0.0173	1.36E-07	0.00228	0.00969	0.00189	0.0959	3.72E-06	12.4	3.89E-06	2.79E-04	1.03E-04	3.62E-04	0.03
2126-10-01	100	99.7	90.9	0.847	3.39E-04	2.56	0.595	0.0313	0.00109	2.97E-06	0.0173	1.36E-07	0.00228	0.00969	0.00189	0.0958	3.72E-06	12.4	3.89E-06	2.78E-04	1.03E-04	3.61E-04	0.03
2126-11-01	100	99.6	90.8	0.847	3.58E-04	2.56	0.593	0.0313	0.00109	2.97E-06	0.0173	1.36E-07	0.00228	0.00969	0.00189	0.0958	3.71E-06	12.4	3.89E-06	2.78E-04	1.03E-04	3.61E-04	0.03
2126-12-01	100	99.6	90.8	0.847	0.000376	2.56	0.592	0.0313	0.00109	2.97E-06	0.0173	1.36E-07	0.00228	0.00969	0.00189	0.0957	3.71E-06	12.4	3.89E-06	2.78E-04	1.03E-04	3.61E-04	0.03
2127-01-01	101	99.5	90.8	0.847	0.000393	2.55	0.592	0.0313	0.00109	2.97E-06	0.0173	1.36E-07	0.00228	0.0097	0.00189	0.0957	3.71E-06	12.4	3.89E-06	2.78E-04	1.03E-04	3.61E-04	0.03
2127-02-01	101	99.5	90.8	0.847	4.09E-04	2.55	0.592	0.0313	0.00109	2.97E-06	0.0173	1.36E-07	0.00229	0.0097	0.0019	0.0957	3.71E-06	12.4	3.89E-06	2.78E-04	1.03E-04	3.61E-04	0.03
2127-03-01	101	99.5	90.7	0.848	4.24E-04	2.55	0.593	0.0313	0.00109	2.97E-06	0.0173	1.36E-07	0.00229	0.00971	0.0019	0.0957	3.71E-06	12.5	3.88E-06	2.78E-04	1.03E-04	3.61E-04	0.03
2127-04-01	101	99.5	90.7	0.848	4.41E-04	2.55	0.593	0.0313	0.00109	2.97E-06	0.0173	1.36E-07	0.00229	0.00972	0.0019	0.0957	3.71E-06	12.5	3.88E-06	2.78E-04	1.02E-04	3.60E-04	0.03
2127-05-01	101	99.4	90.6	0.847	0.000461	2.55	0.591	0.0313	0.00108	2.96E-06	0.0173	1.36E-07	0.00229	0.00971	0.0019	0.0955	3.71E-06	12.5	3.88E-06	2.77E-04	1.03E-04	3.60E-04	0.03
2127-06-01	101	99.2	90.4	0.846	0.000484	2.55	0.589	0.0313	0.00108	2.96E-06	0.0173	1.36E-07	0.00229	0.0097	0.0019	0.0954	3.71E-06	12.5	3.88E-06	2.77E-04	1.03E-04	3.60E-04	0.03
2127-07-01	101	99.1	90.3	0.845	0.000505	2.55	0.587	0.0313	0.00108	2.96E-06	0.0173	1.36E-07	0.00229	0.0097	0.0019	0.0952	3.71E-06	12.5	3.87E-06	2.76E-04	1.03E-04	3.59E-04	0.03
2127-08-01	101	99	90.2	0.845	0.000526	2.55	0.586	0.0313	0.00108	2.96E-06	0.0173	1.36E-07	0.00229	0									

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2131-03-01	105	96.3	87.3	0.836	0.0003	2.52	0.549	0.0313	0.00105	2.92E-06	0.0171	1.33E-07	0.0023	0.00972	0.00193	0.0923	3.68E-06	12.6	3.79E-06	2.66E-04	1.03E-04	3.49E-04	0.03
2131-04-01	105	96.3	87.3	0.836	0.000317	2.52	0.549	0.0313	0.00105	2.92E-06	0.0171	1.33E-07	0.0023	0.00973	0.00193	0.0923	3.68E-06	12.7	3.79E-06	2.66E-04	1.03E-04	3.49E-04	0.03
2131-05-01	105	96.2	87.2	0.835	0.000335	2.51	0.547	0.0313	0.00105	2.92E-06	0.0171	1.33E-07	0.0023	0.00973	0.00193	0.0922	3.68E-06	12.7	3.78E-06	2.66E-04	1.03E-04	3.49E-04	0.03
2131-06-01	105	96	87.1	0.834	0.000358	2.51	0.545	0.0313	0.00104	2.92E-06	0.0171	1.33E-07	0.0023	0.00972	0.00193	0.092	3.68E-06	12.7	3.78E-06	2.65E-04	1.03E-04	3.48E-04	0.03
2131-07-01	105	95.9	86.9	0.833	0.000378	2.51	0.544	0.0313	0.00104	2.92E-06	0.0171	1.33E-07	0.0023	0.00971	0.00192	0.0919	3.68E-06	12.7	3.78E-06	2.65E-04	1.03E-04	3.48E-04	0.03
2131-08-01	105	95.8	86.8	0.833	0.000398	2.51	0.542	0.0313	0.00104	2.92E-06	0.0171	1.33E-07	0.0023	0.00971	0.00192	0.0918	3.68E-06	12.7	3.77E-06	2.64E-04	1.03E-04	3.47E-04	0.03
2131-09-01	105	95.8	86.8	0.833	0.000417	2.51	0.541	0.0313	0.00104	2.92E-06	0.0171	1.33E-07	0.0023	0.00971	0.00193	0.0917	3.68E-06	12.7	3.77E-06	2.64E-04	1.03E-04	3.47E-04	0.03
2131-10-01	105	95.7	86.7	0.832	0.000435	2.51	0.54	0.0313	0.00104	2.92E-06	0.0171	1.33E-07	0.0023	0.00971	0.00193	0.0917	3.68E-06	12.7	3.77E-06	2.64E-04	1.03E-04	3.47E-04	0.03
2131-11-01	105	95.6	86.6	0.832	0.000453	2.51	0.539	0.0313	0.00104	2.91E-06	0.0171	1.33E-07	0.0023	0.00971	0.00193	0.0916	3.68E-06	12.7	3.77E-06	2.64E-04	1.03E-04	3.47E-04	0.03
2131-12-01	105	95.6	86.6	0.832	0.000469	2.51	0.538	0.0313	0.00104	2.91E-06	0.0171	1.33E-07	0.0023	0.00971	0.00193	0.0915	3.68E-06	12.7	3.77E-06	2.64E-04	1.03E-04	3.47E-04	0.03
2132-01-01	106	95.6	86.6	0.832	0.000485	2.51	0.538	0.0313	0.00104	2.91E-06	0.0171	1.33E-07	0.0023	0.00972	0.00193	0.0915	3.68E-06	12.7	3.77E-06	2.63E-04	1.03E-04	3.47E-04	0.03
2132-02-01	106	95.6	86.5	0.833	0.0005	2.51	0.538	0.0313	0.00104	2.91E-06	0.0171	1.33E-07	0.0023	0.00972	0.00193	0.0915	3.68E-06	12.7	3.76E-06	2.63E-04	1.03E-04	3.46E-04	0.03
2132-03-01	106	95.6	86.5	0.833	0.000515	2.51	0.538	0.0313	0.00104	2.91E-06	0.0171	1.33E-07	0.00231	0.00973	0.00193	0.0915	3.68E-06	12.7	3.76E-06	2.63E-04	1.03E-04	3.46E-04	0.03
2132-04-01	106	95.5	86.5	0.833	0.000531	2.51	0.537	0.0313	0.00104	2.91E-06	0.0171	1.33E-07	0.00231	0.00973	0.00193	0.0915	3.68E-06	12.7	3.76E-06	2.63E-04	1.03E-04	3.46E-04	0.03
2132-05-01	106	95.4	86.4	0.833	0.00055	2.51	0.536	0.0313	0.00104	2.91E-06	0.0171	1.33E-07	0.00231	0.00973	0.00193	0.0914	3.68E-06	12.7	3.76E-06	2.63E-04	1.03E-04	3.46E-04	0.03
2132-06-01	106	95.3	86.3	0.831	0.000571	2.5	0.534	0.0313	0.00103	2.91E-06	0.0171	1.33E-07	0.0023	0.00972	0.00193	0.0912	3.68E-06	12.7	3.76E-06	2.62E-04	1.03E-04	3.45E-04	0.03
2132-07-01	106	95.2	86.1	0.831	0.000591	2.5	0.532	0.0313	0.00103	2.91E-06	0.017	1.33E-07	0.0023	0.00972	0.00193	0.0911	3.68E-06	12.7	3.75E-06	2.62E-04	1.03E-04	3.45E-04	0.03
2132-08-01	106	95.1	86	0.83	6.10E-04	2.5	0.531	0.0313	0.00103	2.91E-06	0.017	1.33E-07	0.0023	0.00971	0.00193	0.091	3.68E-06	12.7	3.75E-06	2.62E-04	1.03E-04	3.45E-04	0.03
2132-09-01	106	95	86	0.83	6.28E-04	2.5	0.53	0.0313	0.00103	2.91E-06	0.017	1.32E-07	0.0023	0.00971	0.00193	0.091	3.68E-06	12.7	3.75E-06	2.62E-04	1.03E-04	3.45E-04	0.03
2132-10-01	106	94.9	85.9	0.83	6.46E-04	2.5	0.528	0.0313	0.00103	2.91E-06	0.017	1.32E-07	0.0023	0.00971	0.00193	0.0909	3.68E-06	12.7	3.75E-06	2.61E-04	1.03E-04	3.44E-04	0.03
2132-11-01	106	94.9	85.8	0.829	6.64E-04	2.5	0.527	0.0313	0.00103	2.90E-06	0.017	1.32E-07	0.0023	0.00971	0.00193	0.0908	3.67E-06	12.7	3.75E-06	2.61E-04	1.03E-04	3.44E-04	0.03
2132-12-01	106	94.8	85.8	0.829	0.00068	2.5	0.527	0.0313	0.00103	2.90E-06	0.017	1.32E-07	0.0023	0.00971	0.00193	0.0908	3.67E-06	12.7	3.74E-06	2.61E-04	1.03E-04	3.44E-04	0.03
2133-01-01	107	94.8	85.8	0.829	0.000695	2.5	0.527	0.0313	0.00103	2.90E-06	0.017	1.32E-07	0.0023	0.00972	0.00193	0.0908	3.67E-06	12.7	3.74E-06	2.61E-04	1.03E-04	3.44E-04	0.03
2133-02-01	107	94.8	85.8	0.83	0.00071	2.5	0.527	0.0313	0.00103	2.90E-06	0.017	1.32E-07	0.00231	0.00973	0.00194	0.0907	3.67E-06	12.7	3.74E-06	2.61E-04	1.03E-04	3.44E-04	0.03
2133-03-01	107	94.8	85.8	0.83	0.000724	2.5	0.527	0.0313	0.00103	2.90E-06	0.017	1.32E-07	0.00231	0.00973	0.00194	0.0907	3.67E-06	12.7	3.74E-06	2.61E-04	1.03E-04	3.44E-04	0.03
2133-04-01	107	94.8	85.7	0.83	7.40E-04	2.5	0.527	0.0313	0.00103	2.90E-06	0.017	1.32E-07	0.00231	0.00974	0.00194	0.0907	3.67E-06	12.7	3.74E-06	2.61E-04	1.03E-04	3.44E-04	0.03
2133-05-01	107	94.7	85.6	0.83	0.000758	2.5	0.526	0.0313	0.00103	2.90E-06	0.017	1.32E-07	0.00231	0.00973	0.								

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2136-12-01	110	92	82.9	0.819	0.000491	2.47	0.486	0.0313	0.000995	2.86E-06	0.0169	1.30E-07	0.00231	0.00972	0.00195	0.0879	3.65E-06	12.9	3.66E-06	2.51E-04	1.03E-04	3.34E-04	0.03
2137-01-01	111	92	82.8	0.819	0.000506	2.47	0.486	0.0313	0.000994	2.86E-06	0.0169	1.30E-07	0.00232	0.00973	0.00196	0.0878	3.65E-06	12.9	3.66E-06	2.51E-04	1.03E-04	3.34E-04	0.03
2137-02-01	111	92	82.8	0.819	5.20E-04	2.47	0.487	0.0313	0.000994	2.86E-06	0.0169	1.30E-07	0.00232	0.00973	0.00196	0.0878	3.65E-06	12.9	3.66E-06	2.51E-04	1.03E-04	3.34E-04	0.03
2137-03-01	111	92	82.8	0.819	5.34E-04	2.47	0.487	0.0313	0.000994	2.86E-06	0.0169	1.30E-07	0.00232	0.00974	0.00196	0.0878	3.65E-06	12.9	3.66E-06	2.51E-04	1.03E-04	3.34E-04	0.03
2137-04-01	111	92	82.8	0.82	5.49E-04	2.47	0.487	0.0313	0.000994	2.86E-06	0.0168	1.30E-07	0.00232	0.00974	0.00196	0.0878	3.64E-06	12.9	3.66E-06	2.51E-04	1.03E-04	3.34E-04	0.03
2137-05-01	111	91.9	82.7	0.819	5.66E-04	2.47	0.485	0.0313	0.000993	2.86E-06	0.0168	1.30E-07	0.00232	0.00974	0.00196	0.0877	3.64E-06	12.9	3.65E-06	2.50E-04	1.03E-04	3.33E-04	0.03
2137-06-01	111	91.8	82.6	0.818	5.85E-04	2.46	0.484	0.0313	0.000991	2.86E-06	0.0168	1.30E-07	0.00232	0.00973	0.00196	0.0876	3.64E-06	12.9	3.65E-06	2.50E-04	1.03E-04	3.33E-04	0.03
2137-07-01	111	91.7	82.5	0.817	6.03E-04	2.46	0.482	0.0312	0.00099	2.86E-06	0.0168	1.30E-07	0.00232	0.00973	0.00196	0.0875	3.64E-06	12.9	3.65E-06	2.50E-04	1.03E-04	3.33E-04	0.03
2137-08-01	111	91.6	82.4	0.817	6.21E-04	2.46	0.481	0.0312	0.000989	2.85E-06	0.0168	1.30E-07	0.00232	0.00972	0.00196	0.0874	3.64E-06	12.9	3.65E-06	2.49E-04	1.03E-04	3.32E-04	0.03
2137-09-01	111	91.6	82.3	0.817	6.38E-04	2.46	0.48	0.0312	0.000989	2.85E-06	0.0168	1.30E-07	0.00232	0.00972	0.00196	0.0874	3.64E-06	12.9	3.65E-06	2.49E-04	1.03E-04	3.32E-04	0.03
2137-10-01	111	91.5	82.3	0.816	6.54E-04	2.46	0.479	0.0312	0.000988	2.85E-06	0.0168	1.29E-07	0.00232	0.00972	0.00196	0.0873	3.64E-06	12.9	3.64E-06	2.49E-04	1.03E-04	3.32E-04	0.03
2137-11-01	111	91.4	82.2	0.816	6.70E-04	2.46	0.478	0.0312	0.000987	2.85E-06	0.0168	1.29E-07	0.00232	0.00972	0.00196	0.0872	3.64E-06	12.9	3.64E-06	2.49E-04	1.03E-04	3.32E-04	0.03
2137-12-01	111	91.4	82.2	0.816	0.000685	2.46	0.476	0.0312	0.000986	2.85E-06	0.0168	1.29E-07	0.00232	0.00972	0.00196	0.0872	3.64E-06	12.9	3.64E-06	2.48E-04	1.03E-04	3.32E-04	0.03
2138-01-01	112	91.4	82.2	0.816	0.0007	2.46	0.477	0.0312	0.000986	2.85E-06	0.0168	1.29E-07	0.00232	0.00973	0.00196	0.0872	3.64E-06	12.9	3.64E-06	2.48E-04	1.03E-04	3.32E-04	0.03
2138-02-01	112	91.4	82.1	0.817	0.000715	2.46	0.477	0.0313	0.000986	2.85E-06	0.0168	1.29E-07	0.00232	0.00973	0.00196	0.0872	3.64E-06	12.9	3.64E-06	2.48E-04	1.03E-04	3.32E-04	0.03
2138-03-01	112	91.4	82.1	0.817	0.000728	2.46	0.477	0.0313	0.000986	2.85E-06	0.0168	1.29E-07	0.00232	0.00974	0.00196	0.0872	3.64E-06	12.9	3.64E-06	2.48E-04	1.03E-04	3.31E-04	0.03
2138-04-01	112	91.4	82.1	0.817	7.43E-04	2.46	0.477	0.0313	0.000985	2.85E-06	0.0168	1.29E-07	0.00232	0.00974	0.00197	0.0871	3.64E-06	12.9	3.64E-06	2.48E-04	1.03E-04	3.31E-04	0.03
2138-05-01	112	91.3	82	0.817	7.59E-04	2.46	0.476	0.0313	0.000984	2.85E-06	0.0168	1.29E-07	0.00232	0.00974	0.00197	0.0871	3.64E-06	12.9	3.64E-06	2.48E-04	1.03E-04	3.31E-04	0.03
2138-06-01	112	91.1	81.9	0.816	7.78E-04	2.46	0.474	0.0312	0.000983	2.85E-06	0.0168	1.29E-07	0.00232	0.00973	0.00196	0.0869	3.64E-06	12.9	3.63E-06	2.48E-04	1.03E-04	3.31E-04	0.03
2138-07-01	112	91	81.8	0.815	7.95E-04	2.45	0.473	0.0312	0.000982	2.84E-06	0.0168	1.29E-07	0.00232	0.00973	0.00196	0.0868	3.64E-06	12.9	3.63E-06	2.47E-04	1.03E-04	3.30E-04	0.03
2138-08-01	112	91	81.7	0.814	8.13E-04	2.45	0.471	0.0312	0.000981	2.84E-06	0.0168	1.29E-07	0.00232	0.00972	0.00196	0.0867	3.64E-06	12.9	3.63E-06	2.47E-04	1.03E-04	3.30E-04	0.03
2138-09-01	112	90.9	81.7	0.814	8.29E-04	2.45	0.47	0.0312	0.00098	2.84E-06	0.0168	1.29E-07	0.00232	0.00973	0.00196	0.0867	3.64E-06	12.9	3.63E-06	2.47E-04	1.03E-04	3.30E-04	0.03
2138-10-01	112	90.8	81.6	0.814	8.45E-04	2.45	0.469	0.0312	0.00098	2.84E-06	0.0168	1.29E-07	0.00232	0.00972	0.00196	0.0866	3.64E-06	12.9	3.62E-06	2.47E-04	1.03E-04	3.30E-04	0.03
2138-11-01	112	90.8	81.5	0.814	8.61E-04	2.45	0.468	0.0312	0.000979	2.84E-06	0.0168	1.29E-07	0.00232	0.00972	0.00196	0.0865	3.64E-06	12.9	3.62E-06	2.46E-04	1.03E-04	3.30E-04	0.03
2138-12-01	112	90.7	81.5	0.814	8.76E-04	2.45	0.467	0.0312	0.000978	2.84E-06	0.0168	1.29E-07	0.00232	0.00973	0.00196	0.0865	3.63E-06	12.9	3.62E-06	2.46E-04	1.03E-04	3.29E-04	0.03
2139-01-01	113	90.7	81.5	0.814	8.90E-04	2.45	0.467	0.0312	0.000978	2.84E-06	0.0168	1.29E-07	0.00232	0.00973	0.00197	0.0865	3.63E-06	12.9	3.62E-06	2.46E-04	1.03E-04	3.29E-04	0.03
2139-02-01	113	90.7	81.5	0.814	9.04E-04	2.45	0.467	0.0312															

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2142-09-01	116	88.5	79.1	0.805	0.000584	2.43	0.432	0.0312	0.00095	2.80E-06	0.0166	1.27E-07	0.00233	0.00973	0.00198	0.0841	3.61E-06	13	3.55E-06	2.38E-04	1.03E-04	3.21E-04	0.03
2142-10-01	116	88.4	79	0.805	0.000599	2.43	0.431	0.0312	0.000949	2.80E-06	0.0166	1.27E-07	0.00233	0.00973	0.00198	0.0841	3.61E-06	13	3.55E-06	2.38E-04	1.03E-04	3.21E-04	0.03
2142-11-01	116	88.4	79	0.804	0.000614	2.42	0.43	0.0312	0.000948	2.80E-06	0.0166	1.27E-07	0.00232	0.00973	0.00198	0.084	3.61E-06	13.1	3.55E-06	2.38E-04	1.03E-04	3.21E-04	0.03
2142-12-01	116	88.3	78.9	0.804	0.000629	2.43	0.429	0.0312	0.000948	2.80E-06	0.0166	1.26E-07	0.00233	0.00973	0.00198	0.084	3.61E-06	13.1	3.55E-06	2.37E-04	1.03E-04	3.21E-04	0.03
2143-01-01	117	88.3	78.9	0.804	0.000643	2.42	0.429	0.0312	0.000947	2.80E-06	0.0166	1.26E-07	0.00233	0.00973	0.00198	0.084	3.61E-06	13.1	3.55E-06	2.37E-04	1.03E-04	3.21E-04	0.03
2143-02-01	117	88.3	78.9	0.805	0.000656	2.42	0.429	0.0312	0.000947	2.80E-06	0.0166	1.26E-07	0.00233	0.00974	0.00199	0.084	3.61E-06	13.1	3.55E-06	2.37E-04	1.03E-04	3.21E-04	0.03
2143-03-01	117	88.3	78.9	0.805	0.000669	2.42	0.429	0.0312	0.000947	2.80E-06	0.0166	1.26E-07	0.00233	0.00974	0.00199	0.084	3.61E-06	13.1	3.55E-06	2.37E-04	1.03E-04	3.21E-04	0.03
2143-04-01	117	88.3	78.9	0.805	6.83E-04	2.42	0.429	0.0312	0.000947	2.80E-06	0.0166	1.26E-07	0.00233	0.00975	0.00199	0.084	3.61E-06	13.1	3.55E-06	2.37E-04	1.03E-04	3.20E-04	0.03
2143-05-01	117	88.2	78.8	0.805	6.98E-04	2.42	0.428	0.0312	0.000946	2.80E-06	0.0166	1.26E-07	0.00233	0.00974	0.00199	0.0839	3.61E-06	13.1	3.54E-06	2.37E-04	1.03E-04	3.20E-04	0.03
2143-06-01	117	88.1	78.7	0.804	7.16E-04	2.42	0.426	0.0312	0.000945	2.79E-06	0.0166	1.26E-07	0.00233	0.00973	0.00199	0.0837	3.60E-06	13.1	3.54E-06	2.37E-04	1.03E-04	3.20E-04	0.03
2143-07-01	117	88	78.6	0.803	7.33E-04	2.42	0.425	0.0312	0.000944	2.79E-06	0.0166	1.26E-07	0.00233	0.00973	0.00198	0.0836	3.60E-06	13.1	3.54E-06	2.36E-04	1.03E-04	3.20E-04	0.03
2143-08-01	117	87.9	78.5	0.803	7.49E-04	2.42	0.424	0.0312	0.000943	2.79E-06	0.0166	1.26E-07	0.00233	0.00973	0.00198	0.0836	3.60E-06	13.1	3.54E-06	2.36E-04	1.03E-04	3.19E-04	0.03
2143-09-01	117	87.9	78.5	0.803	0.000765	2.42	0.423	0.0312	0.000942	2.79E-06	0.0166	1.26E-07	0.00233	0.00973	0.00199	0.0835	3.60E-06	13.1	3.54E-06	2.36E-04	1.03E-04	3.19E-04	0.03
2143-10-01	117	87.8	78.4	0.802	0.00078	2.42	0.422	0.0312	0.000942	2.79E-06	0.0166	1.26E-07	0.00233	0.00973	0.00199	0.0835	3.60E-06	13.1	3.54E-06	2.36E-04	1.03E-04	3.19E-04	0.03
2143-11-01	117	87.8	78.4	0.802	0.000795	2.42	0.42	0.0312	0.000941	2.79E-06	0.0166	1.26E-07	0.00233	0.00973	0.00199	0.0834	3.60E-06	13.1	3.53E-06	2.36E-04	1.03E-04	3.19E-04	0.03
2143-12-01	117	87.8	78.3	0.802	0.000809	2.42	0.419	0.0312	0.00094	2.79E-06	0.0166	1.26E-07	0.00233	0.00973	0.00199	0.0834	3.60E-06	13.1	3.53E-06	2.35E-04	1.03E-04	3.19E-04	0.03
2144-01-01	118	87.8	78.3	0.802	0.000823	2.42	0.419	0.0312	0.00094	2.79E-06	0.0166	1.26E-07	0.00233	0.00973	0.00199	0.0834	3.60E-06	13.1	3.53E-06	2.35E-04	1.03E-04	3.19E-04	0.03
2144-02-01	118	87.8	78.3	0.802	0.000836	2.42	0.42	0.0312	0.00094	2.79E-06	0.0166	1.26E-07	0.00233	0.00974	0.00199	0.0834	3.60E-06	13.1	3.53E-06	2.35E-04	1.03E-04	3.19E-04	0.03
2144-03-01	118	87.8	78.3	0.803	0.000849	2.42	0.42	0.0312	0.00094	2.79E-06	0.0166	1.26E-07	0.00233	0.00974	0.00199	0.0834	3.60E-06	13.1	3.53E-06	2.35E-04	1.03E-04	3.19E-04	0.03
2144-04-01	118	87.8	78.3	0.803	8.63E-04	2.42	0.419	0.0312	0.00094	2.79E-06	0.0166	1.26E-07	0.00233	0.00975	0.00199	0.0834	3.60E-06	13.1	3.53E-06	2.35E-04	1.03E-04	3.18E-04	0.03
2144-05-01	118	87.7	78.2	0.802	8.78E-04	2.42	0.418	0.0312	0.000939	2.79E-06	0.0165	1.26E-07	0.00233	0.00974	0.00199	0.0833	3.60E-06	13.1	3.53E-06	2.35E-04	1.03E-04	3.18E-04	0.03
2144-06-01	118	87.5	78.1	0.802	8.95E-04	2.42	0.416	0.0312	0.000937	2.79E-06	0.0165	1.26E-07	0.00233	0.00973	0.00199	0.0831	3.60E-06	13.1	3.52E-06	2.35E-04	1.03E-04	3.18E-04	0.03
2144-07-01	118	87.4	78	0.801	0.000912	2.41	0.415	0.0312	0.000936	2.78E-06	0.0165	1.26E-07	0.00233	0.00973	0.00199	0.0831	3.60E-06	13.1	3.52E-06	2.34E-04	1.03E-04	3.18E-04	0.03
2144-08-01	118	87.4	77.9	0.8	0.000928	2.41	0.414	0.0311	0.000936	2.78E-06	0.0165	1.26E-07	0.00233	0.00973	0.00199	0.083	3.60E-06	13.1	3.52E-06	2.34E-04	1.03E-04	3.17E-04	0.03
2144-09-01	118	87.3	77.9	0.8	0.000943	2.41	0.413	0.0312	0.000935	2.78E-06	0.0165	1.26E-07	0.00233	0.00973	0.00199	0.0829	3.60E-06	13.1	3.52E-06	2.34E-04	1.03E-04	3.17E-04	0.03
2144-10-01	118	87.3	77.8	0.8	0.000958	2.41	0.411	0.0311	0.000934	2.78E-06	0.0165	1.26E-07	0.00233	0.00973	0.00199	0.0829	3.60E-06	13.1	3.52E-06	2.34E-04	1.03E-04	3.17E-04	0.03
2144-11-01	118	87.2	77.8	0.8	0.000972	2.41	0.41	0.0311	0.000934														

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2148-06-01	122	85.4	75.8	0.793	6.02E-04	2.39	0.38	0.0311	0.00091	2.75E-06	0.0164	1.24E-07	0.00233	0.00973	0.002	0.0809	3.57E-06	13.2	3.46E-06	2.27E-04	1.03E-04	3.10E-04	0.03
2148-07-01	122	85.3	75.8	0.792	6.17E-04	2.39	0.379	0.0311	0.000909	2.75E-06	0.0164	1.23E-07	0.00233	0.00973	0.002	0.0808	3.57E-06	13.2	3.46E-06	2.26E-04	1.03E-04	3.10E-04	0.03
2148-08-01	122	85.2	75.7	0.792	6.33E-04	2.39	0.378	0.0311	0.000908	2.75E-06	0.0164	1.23E-07	0.00233	0.00972	0.002	0.0807	3.57E-06	13.2	3.46E-06	2.26E-04	1.03E-04	3.10E-04	0.03
2148-09-01	122	85.2	75.7	0.792	6.47E-04	2.39	0.377	0.0311	0.000908	2.75E-06	0.0164	1.23E-07	0.00233	0.00973	0.002	0.0807	3.57E-06	13.2	3.46E-06	2.26E-04	1.03E-04	3.10E-04	0.03
2148-10-01	122	85.1	75.6	0.792	6.62E-04	2.39	0.375	0.0311	0.000907	2.74E-06	0.0164	1.23E-07	0.00233	0.00972	0.002	0.0806	3.57E-06	13.2	3.46E-06	2.26E-04	1.03E-04	3.09E-04	0.03
2148-11-01	122	85.1	75.5	0.791	6.76E-04	2.39	0.374	0.0311	0.000906	2.74E-06	0.0164	1.23E-07	0.00233	0.00972	0.002	0.0806	3.57E-06	13.2	3.45E-06	2.26E-04	1.03E-04	3.09E-04	0.03
2148-12-01	122	85.1	75.5	0.791	6.89E-04	2.39	0.374	0.0311	0.000906	2.74E-06	0.0164	1.23E-07	0.00233	0.00973	0.002	0.0806	3.57E-06	13.2	3.45E-06	2.26E-04	1.03E-04	3.09E-04	0.03
2149-01-01	123	85.1	75.5	0.791	7.02E-04	2.39	0.374	0.0311	0.000906	2.74E-06	0.0164	1.23E-07	0.00233	0.00973	0.002	0.0805	3.57E-06	13.2	3.45E-06	2.26E-04	1.03E-04	3.09E-04	0.03
2149-02-01	123	85.1	75.5	0.792	7.15E-04	2.39	0.375	0.0311	0.000906	2.74E-06	0.0164	1.23E-07	0.00234	0.00973	0.00201	0.0805	3.57E-06	13.2	3.45E-06	2.26E-04	1.03E-04	3.09E-04	0.03
2149-03-01	123	85.1	75.5	0.792	0.000727	2.39	0.375	0.0311	0.000906	2.74E-06	0.0164	1.23E-07	0.00234	0.00974	0.00201	0.0805	3.57E-06	13.2	3.45E-06	2.26E-04	1.03E-04	3.09E-04	0.03
2149-04-01	123	85.1	75.5	0.792	7.40E-04	2.39	0.375	0.0311	0.000905	2.74E-06	0.0164	1.23E-07	0.00234	0.00974	0.00201	0.0805	3.57E-06	13.2	3.45E-06	2.25E-04	1.03E-04	3.09E-04	0.03
2149-05-01	123	85	75.4	0.792	7.54E-04	2.39	0.374	0.0311	0.000905	2.74E-06	0.0163	1.23E-07	0.00234	0.00974	0.00201	0.0805	3.57E-06	13.2	3.45E-06	2.25E-04	1.03E-04	3.09E-04	0.03
2149-06-01	123	84.9	75.3	0.791	0.000771	2.39	0.372	0.0311	0.000903	2.74E-06	0.0163	1.23E-07	0.00233	0.00973	0.00201	0.0803	3.57E-06	13.2	3.45E-06	2.25E-04	1.03E-04	3.08E-04	0.03
2149-07-01	123	84.8	75.2	0.79	0.000786	2.39	0.371	0.0311	0.000902	2.74E-06	0.0163	1.23E-07	0.00233	0.00973	0.00201	0.0803	3.57E-06	13.2	3.44E-06	2.25E-04	1.03E-04	3.08E-04	0.03
2149-08-01	123	84.7	75.2	0.79	0.000801	2.39	0.37	0.0311	0.000902	2.74E-06	0.0163	1.23E-07	0.00233	0.00972	0.00201	0.0802	3.57E-06	13.2	3.44E-06	2.24E-04	1.03E-04	3.08E-04	0.03
2149-09-01	123	84.7	75.1	0.79	0.000815	2.39	0.369	0.0311	0.000901	2.74E-06	0.0163	1.23E-07	0.00233	0.00973	0.00201	0.0802	3.57E-06	13.2	3.44E-06	2.24E-04	1.03E-04	3.08E-04	0.03
2149-10-01	123	84.6	75.1	0.789	0.000829	2.38	0.368	0.0311	0.000901	2.73E-06	0.0163	1.23E-07	0.00233	0.00972	0.00201	0.0801	3.57E-06	13.2	3.44E-06	2.24E-04	1.03E-04	3.08E-04	0.03
2149-11-01	123	84.6	75	0.789	0.000843	2.38	0.367	0.0311	0.0009	2.73E-06	0.0163	1.23E-07	0.00233	0.00972	0.00201	0.0801	3.57E-06	13.2	3.44E-06	2.24E-04	1.03E-04	3.07E-04	0.03
2149-12-01	123	84.6	75	0.789	0.000856	2.38	0.366	0.0311	0.0009	2.73E-06	0.0163	1.23E-07	0.00233	0.00972	0.00201	0.08	3.57E-06	13.2	3.44E-06	2.24E-04	1.03E-04	3.07E-04	0.03
2150-01-01	124	84.6	75	0.789	0.000869	2.38	0.366	0.0311	0.000899	2.73E-06	0.0163	1.23E-07	0.00233	0.00973	0.00201	0.08	3.57E-06	13.2	3.44E-06	2.24E-04	1.03E-04	3.07E-04	0.03
2150-02-01	124	84.6	75	0.79	0.000882	2.38	0.366	0.0311	0.000899	2.73E-06	0.0163	1.23E-07	0.00234	0.00973	0.00201	0.08	3.56E-06	13.2	3.44E-06	2.24E-04	1.03E-04	3.07E-04	0.03
2150-03-01	124	84.6	75	0.79	0.000894	2.38	0.366	0.0311	0.000899	2.73E-06	0.0163	1.23E-07	0.00234	0.00974	0.00201	0.08	3.56E-06	13.2	3.44E-06	2.24E-04	1.03E-04	3.07E-04	0.03
2150-04-01	124	84.6	75	0.79	0.000907	2.38	0.366	0.0311	0.000899	2.73E-06	0.0163	1.23E-07	0.00234	0.00974	0.00201	0.08	3.56E-06	13.2	3.44E-06	2.24E-04	1.03E-04	3.07E-04	0.03
2150-05-01	124	84.5	74.9	0.79	0.000921	2.38	0.365	0.0311	0.000898	2.73E-06	0.0163	1.23E-07	0.00234	0.00974	0.00201	0.0799	3.56E-06	13.2	3.43E-06	2.23E-04	1.03E-04	3.07E-04	0.03
2150-06-01	124	84.4	74.8	0.789	0.000936	2.38	0.363	0.0311	0.000897	2.73E-06	0.0163	1.22E-07	0.00234	0.00973	0.00201	0.0798	3.56E-06	13.2	3.43E-06	2.23E-04	1.03E-04	3.06E-04	0.03
2150-07-01	124	84.3	74.7	0.788	0.000951	2.38	0.362	0.031	0.000896	2.73E-06	0.0163	1.22E-07	0.00233	0.00972	0.00201	0.0797	3.56E-06	13.2	3.43E-06	2.23E-04	1.03E-04	3.06E-04	0.03
2150-08-01	124	84.2	74.6	0.788	0.000966	2.38	0.361	0.031	0.000895	2.73E-06	0.0163												

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2154-03-01	128	82.7	73	0.782	0.000549	2.36	0.331	0.031	0.000874	2.70E-06	0.0162	1.21E-07	0.00234	0.00973	0.00202	0.078	3.54E-06	13.3	3.38E-06	2.17E-04	1.03E-04	3.00E-04	0.03
2154-04-01	128	82.6	72.9	0.782	5.62E-04	2.36	0.332	0.031	0.000874	2.69E-06	0.0162	1.21E-07	0.00234	0.00973	0.00202	0.078	3.54E-06	13.3	3.38E-06	2.17E-04	1.03E-04	3.00E-04	0.03
2154-05-01	128	82.6	72.9	0.782	5.75E-04	2.36	0.33	0.031	0.000873	2.69E-06	0.0161	1.21E-07	0.00234	0.00973	0.00202	0.0779	3.54E-06	13.3	3.38E-06	2.17E-04	1.03E-04	3.00E-04	0.03
2154-06-01	128	82.5	72.8	0.781	5.90E-04	2.36	0.329	0.031	0.000872	2.69E-06	0.0161	1.20E-07	0.00234	0.00972	0.00202	0.0778	3.54E-06	13.3	3.38E-06	2.16E-04	1.03E-04	3.00E-04	0.03
2154-07-01	128	82.4	72.7	0.78	6.04E-04	2.36	0.328	0.031	0.000871	2.69E-06	0.0161	1.20E-07	0.00234	0.00972	0.00202	0.0777	3.54E-06	13.3	3.37E-06	2.16E-04	1.03E-04	2.99E-04	0.03
2154-08-01	128	82.3	72.6	0.78	6.18E-04	2.36	0.327	0.031	0.000871	2.69E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.0777	3.54E-06	13.3	3.37E-06	2.16E-04	1.03E-04	2.99E-04	0.03
2154-09-01	128	82.3	72.6	0.78	6.31E-04	2.36	0.326	0.031	0.00087	2.69E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.0776	3.54E-06	13.3	3.37E-06	2.16E-04	1.03E-04	2.99E-04	0.03
2154-10-01	128	82.3	72.6	0.779	6.44E-04	2.36	0.325	0.031	0.00087	2.69E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.0776	3.54E-06	13.3	3.37E-06	2.16E-04	1.03E-04	2.99E-04	0.03
2154-11-01	128	82.2	72.5	0.779	6.57E-04	2.36	0.324	0.0309	0.000869	2.69E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.0776	3.54E-06	13.3	3.37E-06	2.15E-04	1.03E-04	2.99E-04	0.03
2154-12-01	128	82.2	72.5	0.779	6.68E-04	2.36	0.323	0.0309	0.000869	2.69E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.0775	3.54E-06	13.3	3.37E-06	2.15E-04	1.03E-04	2.99E-04	0.03
2155-01-01	129	82.2	72.5	0.779	6.80E-04	2.36	0.323	0.031	0.000869	2.69E-06	0.0161	1.20E-07	0.00234	0.00972	0.00202	0.0775	3.54E-06	13.3	3.37E-06	2.15E-04	1.03E-04	2.99E-04	0.03
2155-02-01	129	82.2	72.5	0.78	6.92E-04	2.36	0.323	0.031	0.000868	2.69E-06	0.0161	1.20E-07	0.00234	0.00972	0.00202	0.0775	3.54E-06	13.3	3.37E-06	2.15E-04	1.03E-04	2.99E-04	0.03
2155-03-01	129	82.2	72.5	0.78	0.000702	2.36	0.323	0.031	0.000868	2.69E-06	0.0161	1.20E-07	0.00234	0.00972	0.00202	0.0775	3.54E-06	13.3	3.37E-06	2.15E-04	1.03E-04	2.99E-04	0.03
2155-04-01	129	82.2	72.5	0.78	7.14E-04	2.36	0.323	0.031	0.000868	2.69E-06	0.0161	1.20E-07	0.00234	0.00973	0.00202	0.0775	3.53E-06	13.3	3.37E-06	2.15E-04	1.03E-04	2.99E-04	0.03
2155-05-01	129	82.1	72.4	0.78	7.27E-04	2.36	0.322	0.031	0.000867	2.69E-06	0.0161	1.20E-07	0.00234	0.00972	0.00202	0.0774	3.53E-06	13.3	3.36E-06	2.15E-04	1.03E-04	2.98E-04	0.03
2155-06-01	129	82	72.3	0.779	7.41E-04	2.36	0.321	0.0309	0.000866	2.68E-06	0.0161	1.20E-07	0.00234	0.00972	0.00202	0.0773	3.53E-06	13.3	3.36E-06	2.15E-04	1.03E-04	2.98E-04	0.03
2155-07-01	129	81.9	72.2	0.778	7.54E-04	2.36	0.319	0.0309	0.000865	2.68E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.0773	3.53E-06	13.3	3.36E-06	2.14E-04	1.03E-04	2.98E-04	0.03
2155-08-01	129	81.9	72.2	0.778	0.000768	2.36	0.318	0.0309	0.000865	2.68E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.0772	3.53E-06	13.3	3.36E-06	2.14E-04	1.03E-04	2.98E-04	0.03
2155-09-01	129	81.9	72.1	0.778	0.00078	2.36	0.317	0.0309	0.000864	2.68E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.0772	3.53E-06	13.3	3.36E-06	2.14E-04	1.03E-04	2.98E-04	0.03
2155-10-01	129	81.8	72.1	0.777	0.000793	2.36	0.316	0.0309	0.000864	2.68E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.0771	3.53E-06	13.3	3.36E-06	2.14E-04	1.03E-04	2.97E-04	0.03
2155-11-01	129	81.8	72	0.777	0.000805	2.36	0.315	0.0309	0.000863	2.68E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.0771	3.53E-06	13.3	3.36E-06	2.14E-04	1.03E-04	2.97E-04	0.03
2155-12-01	129	81.7	72	0.777	0.000817	2.36	0.314	0.0309	0.000863	2.68E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.077	3.53E-06	13.3	3.36E-06	2.14E-04	1.03E-04	2.97E-04	0.03
2156-01-01	130	81.7	72	0.777	0.000828	2.36	0.314	0.0309	0.000863	2.68E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.077	3.53E-06	13.3	3.36E-06	2.14E-04	1.03E-04	2.97E-04	0.03
2156-02-01	130	81.7	72	0.777	0.000839	2.36	0.314	0.0309	0.000863	2.68E-06	0.0161	1.20E-07	0.00234	0.00971	0.00202	0.077	3.53E-06	13.3	3.35E-06	2.14E-04	1.03E-04	2.97E-04	0.03
2156-03-01	130	81.7	72	0.778	0.000849	2.36	0.315	0.0309	0.000862	2.68E-06	0.0161	1.20E-07	0.00234	0.00972	0.00202	0.077	3.53E-06	13.3	3.35E-06	2.14E-04	1.03E-04	2.97E-04	0.03
2156-04-01	130	81.7	72	0.778	0.000861	2.36	0.314	0.031	0.000862	2.68E-06	0.0161	1.20E-07	0.00234	0.00972	0.00202	0.077	3.53E-06	13.3	3.35E-06	2.13E-04	1.03E-04	2.97E-04	0.03
2156-05-01	130	81.7	71.9	0.777	0.000873	2.36	0.312	0.0309	0.000862	2.68E-06	0												

Pit Closure WQ																								
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2159-12-01	133	80	70.2	0.769	0.000376	2.34	0.281	0.0308	0.000841	2.65E-06	0.0159	1.18E-07	0.00233	0.00968	0.00202	0.0752	3.51E-06	13.4	3.31E-06	2.08E-04	1.04E-04	2.91E-04	0.03	
2160-01-01	134	80	70.2	0.769	0.000386	2.34	0.281	0.0308	0.000841	2.64E-06	0.0159	1.18E-07	0.00233	0.00968	0.00202	0.0752	3.51E-06	13.4	3.31E-06	2.08E-04	1.04E-04	2.91E-04	0.03	
2160-02-01	134	80	70.2	0.769	0.000396	2.34	0.281	0.0308	0.000841	2.64E-06	0.0159	1.18E-07	0.00233	0.00968	0.00202	0.0752	3.51E-06	13.4	3.31E-06	2.08E-04	1.03E-04	2.91E-04	0.03	
2160-03-01	134	80	70.2	0.769	0.000406	2.34	0.281	0.0308	0.000841	2.64E-06	0.0159	1.18E-07	0.00233	0.00969	0.00203	0.0752	3.51E-06	13.4	3.31E-06	2.08E-04	1.03E-04	2.91E-04	0.03	
2160-04-01	134	80	70.2	0.769	4.16E-04	2.34	0.28	0.0308	0.00084	2.64E-06	0.0159	1.18E-07	0.00233	0.00969	0.00203	0.0752	3.51E-06	13.4	3.31E-06	2.07E-04	1.03E-04	2.91E-04	0.03	
2160-05-01	134	79.9	70.2	0.769	4.27E-04	2.34	0.279	0.0308	0.00084	2.64E-06	0.0159	1.18E-07	0.00233	0.00969	0.00203	0.0752	3.51E-06	13.4	3.31E-06	2.07E-04	1.03E-04	2.91E-04	0.03	
2160-06-01	134	79.8	70.1	0.768	4.40E-04	2.34	0.278	0.0308	0.000839	2.64E-06	0.0159	1.18E-07	0.00233	0.00968	0.00202	0.0751	3.51E-06	13.4	3.30E-06	2.07E-04	1.03E-04	2.91E-04	0.03	
2160-07-01	134	79.8	70	0.768	4.52E-04	2.34	0.277	0.0308	0.000838	2.64E-06	0.0159	1.18E-07	0.00233	0.00967	0.00202	0.075	3.51E-06	13.4	3.30E-06	2.07E-04	1.04E-04	2.91E-04	0.03	
2160-08-01	134	79.7	69.9	0.767	4.63E-04	2.34	0.276	0.0308	0.000837	2.64E-06	0.0159	1.17E-07	0.00233	0.00967	0.00202	0.075	3.51E-06	13.4	3.30E-06	2.07E-04	1.04E-04	2.90E-04	0.03	
2160-09-01	134	79.7	69.9	0.767	4.74E-04	2.34	0.275	0.0308	0.000837	2.64E-06	0.0159	1.17E-07	0.00233	0.00967	0.00202	0.0749	3.51E-06	13.4	3.30E-06	2.07E-04	1.04E-04	2.90E-04	0.03	
2160-10-01	134	79.7	69.9	0.767	4.85E-04	2.34	0.274	0.0307	0.000837	2.64E-06	0.0159	1.17E-07	0.00233	0.00967	0.00202	0.0749	3.51E-06	13.4	3.30E-06	2.06E-04	1.04E-04	2.90E-04	0.03	
2160-11-01	134	79.6	69.8	0.767	4.96E-04	2.34	0.272	0.0307	0.000836	2.64E-06	0.0159	1.17E-07	0.00233	0.00967	0.00202	0.0748	3.51E-06	13.4	3.30E-06	2.06E-04	1.04E-04	2.90E-04	0.03	
2160-12-01	134	79.6	69.8	0.767	5.06E-04	2.34	0.273	0.0307	0.000836	2.64E-06	0.0159	1.17E-07	0.00233	0.00967	0.00202	0.0748	3.51E-06	13.4	3.30E-06	2.06E-04	1.04E-04	2.90E-04	0.03	
2161-01-01	135	79.6	69.8	0.767	5.15E-04	2.34	0.273	0.0307	0.000835	2.64E-06	0.0159	1.17E-07	0.00233	0.00967	0.00202	0.0748	3.50E-06	13.4	3.30E-06	2.06E-04	1.04E-04	2.90E-04	0.03	
2161-02-01	135	79.6	69.8	0.767	5.25E-04	2.34	0.273	0.0308	0.000835	2.64E-06	0.0159	1.17E-07	0.00233	0.00967	0.00202	0.0748	3.50E-06	13.4	3.30E-06	2.06E-04	1.04E-04	2.90E-04	0.03	
2161-03-01	135	79.6	69.8	0.767	5.34E-04	2.34	0.273	0.0308	0.000835	2.64E-06	0.0159	1.17E-07	0.00233	0.00968	0.00203	0.0748	3.50E-06	13.4	3.30E-06	2.06E-04	1.04E-04	2.90E-04	0.03	
2161-04-01	135	79.6	69.8	0.767	5.44E-04	2.34	0.273	0.0308	0.000835	2.64E-06	0.0159	1.17E-07	0.00233	0.00968	0.00203	0.0748	3.50E-06	13.4	3.30E-06	2.06E-04	1.04E-04	2.90E-04	0.03	
2161-05-01	135	79.5	69.7	0.767	5.54E-04	2.34	0.272	0.0308	0.000834	2.63E-06	0.0159	1.17E-07	0.00233	0.00968	0.00203	0.0747	3.50E-06	13.4	3.29E-06	2.06E-04	1.04E-04	2.90E-04	0.03	
2161-06-01	135	79.4	69.6	0.766	5.66E-04	2.33	0.271	0.0307	0.000833	2.63E-06	0.0159	1.17E-07	0.00233	0.00967	0.00202	0.0746	3.50E-06	13.4	3.29E-06	2.06E-04	1.04E-04	2.89E-04	0.03	
2161-07-01	135	79.4	69.6	0.765	5.78E-04	2.33	0.269	0.0307	0.000833	2.63E-06	0.0159	1.17E-07	0.00233	0.00966	0.00202	0.0746	3.50E-06	13.4	3.29E-06	2.05E-04	1.04E-04	2.89E-04	0.03	
2161-08-01	135	79.3	69.5	0.765	5.89E-04	2.33	0.268	0.0307	0.000832	2.63E-06	0.0159	1.17E-07	0.00233	0.00966	0.00202	0.0745	3.50E-06	13.4	3.29E-06	2.05E-04	1.04E-04	2.89E-04	0.03	
2161-09-01	135	79.3	69.5	0.765	0.000599	2.33	0.267	0.0307	0.000832	2.63E-06	0.0159	1.17E-07	0.00233	0.00966	0.00202	0.0745	3.50E-06	13.4	3.29E-06	2.05E-04	1.04E-04	2.89E-04	0.03	
2161-10-01	135	79.2	69.5	0.765	0.00061	2.33	0.266	0.0307	0.000831	2.63E-06	0.0159	1.17E-07	0.00233	0.00966	0.00202	0.0745	3.50E-06	13.4	3.29E-06	2.05E-04	1.04E-04	2.89E-04	0.03	
2161-11-01	135	79.2	69.4	0.765	0.00062	2.33	0.265	0.0307	0.000831	2.63E-06	0.0159	1.17E-07	0.00233	0.00966	0.00202	0.0744	3.50E-06	13.4	3.29E-06	2.05E-04	1.04E-04	2.89E-04	0.03	
2161-12-01	135	79.2	69.4	0.764	0.00063	2.33	0.264	0.0307	0.00083	2.63E-06	0.0159	1.17E-07	0.00233	0.00966	0.00202	0.0744	3.50E-06	13.4	3.29E-06	2.05E-04	1.04E-04	2.89E-04	0.03	
2162-01-01	136	79.2	69.4	0.765	0.000639	2.33	0.264	0.0307	0.00083	2.63E-06	0.0159	1.17E-07	0.00233	0.00966	0.00202	0.0744	3.50E-06	13.4	3.29E-06	2.05E-04	1.04E-04	2.89E-04	0.03	
2162-02-01																								

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2165-09-01	139	77.7	67.9	0.756	5.76E-05	2.32	0.235	0.0305	0.000812	2.60E-06	0.0157	1.15E-07	0.00232	0.00961	0.00202	0.0729	3.48E-06	13.3	3.25E-06	2.00E-04	1.04E-04	2.84E-04	0.03
2165-10-01	139	77.7	67.9	0.756	6.70E-05	2.32	0.234	0.0305	0.000812	2.60E-06	0.0157	1.15E-07	0.00232	0.00961	0.00202	0.0728	3.48E-06	13.3	3.25E-06	2.00E-04	1.04E-04	2.84E-04	0.03
2165-11-01	139	77.6	67.8	0.756	7.64E-05	2.32	0.233	0.0305	0.000811	2.60E-06	0.0157	1.15E-07	0.00232	0.0096	0.00202	0.0728	3.48E-06	13.3	3.25E-06	2.00E-04	1.04E-04	2.84E-04	0.03
2165-12-01	139	77.6	67.8	0.756	8.51E-05	2.32	0.232	0.0305	0.000811	2.60E-06	0.0157	1.15E-07	0.00232	0.0096	0.00202	0.0728	3.48E-06	13.3	3.25E-06	2.00E-04	1.04E-04	2.83E-04	0.03
2166-01-01	140	77.6	67.8	0.756	9.35E-05	2.32	0.232	0.0305	0.000811	2.59E-06	0.0157	1.15E-07	0.00232	0.00961	0.00202	0.0728	3.48E-06	13.3	3.25E-06	2.00E-04	1.04E-04	2.83E-04	0.03
2166-02-01	140	77.6	67.8	0.756	1.02E-04	2.32	0.232	0.0305	0.000811	2.59E-06	0.0157	1.15E-07	0.00232	0.00961	0.00202	0.0728	3.48E-06	13.3	3.25E-06	2.00E-04	1.04E-04	2.83E-04	0.03
2166-03-01	140	77.6	67.8	0.756	1.09E-04	2.32	0.232	0.0305	0.00081	2.59E-06	0.0157	1.15E-07	0.00232	0.00961	0.00202	0.0728	3.48E-06	13.3	3.25E-06	1.99E-04	1.04E-04	2.83E-04	0.03
2166-04-01	140	77.6	67.8	0.756	1.18E-04	2.32	0.232	0.0305	0.00081	2.59E-06	0.0157	1.15E-07	0.00232	0.00961	0.00202	0.0728	3.48E-06	13.4	3.25E-06	1.99E-04	1.04E-04	2.83E-04	0.03
2166-05-01	140	77.6	67.7	0.756	1.27E-04	2.32	0.231	0.0305	0.00081	2.59E-06	0.0157	1.15E-07	0.00232	0.00961	0.00202	0.0727	3.48E-06	13.3	3.25E-06	1.99E-04	1.04E-04	2.83E-04	0.03
2166-06-01	140	77.5	67.7	0.755	1.38E-04	2.32	0.23	0.0305	0.000809	2.59E-06	0.0157	1.15E-07	0.00232	0.0096	0.00202	0.0726	3.48E-06	13.3	3.24E-06	1.99E-04	1.04E-04	2.83E-04	0.03
2166-07-01	140	77.4	67.6	0.754	1.48E-04	2.31	0.229	0.0305	0.000808	2.59E-06	0.0157	1.15E-07	0.00231	0.0096	0.00202	0.0725	3.48E-06	13.3	3.24E-06	1.99E-04	1.04E-04	2.83E-04	0.03
2166-08-01	140	77.3	67.5	0.754	1.58E-04	2.31	0.227	0.0305	0.000808	2.59E-06	0.0157	1.15E-07	0.00231	0.00959	0.00202	0.0725	3.48E-06	13.3	3.24E-06	1.99E-04	1.04E-04	2.83E-04	0.03
2166-09-01	140	77.3	67.5	0.754	1.67E-04	2.32	0.226	0.0305	0.000807	2.59E-06	0.0157	1.15E-07	0.00231	0.00959	0.00202	0.0725	3.48E-06	13.3	3.24E-06	1.99E-04	1.04E-04	2.83E-04	0.03
2166-10-01	140	77.3	67.5	0.754	1.76E-04	2.31	0.225	0.0304	0.000807	2.59E-06	0.0157	1.15E-07	0.00231	0.00959	0.00202	0.0724	3.48E-06	13.3	3.24E-06	1.99E-04	1.04E-04	2.82E-04	0.03
2166-11-01	140	77.2	67.4	0.754	1.85E-04	2.31	0.224	0.0304	0.000806	2.59E-06	0.0157	1.15E-07	0.00231	0.00959	0.00202	0.0724	3.48E-06	13.3	3.24E-06	1.98E-04	1.04E-04	2.82E-04	0.03
2166-12-01	140	77.2	67.4	0.753	1.94E-04	2.32	0.223	0.0304	0.000806	2.59E-06	0.0157	1.15E-07	0.00231	0.00959	0.00202	0.0724	3.47E-06	13.3	3.24E-06	1.98E-04	1.04E-04	2.82E-04	0.03
2167-01-01	141	77.2	67.4	0.754	2.02E-04	2.31	2.24E-01	0.0304	0.000806	2.59E-06	0.0157	1.15E-07	0.00231	0.00959	0.00202	0.0724	3.47E-06	13.3	3.24E-06	1.98E-04	1.04E-04	2.82E-04	0.03
2167-02-01	141	77.2	67.4	0.754	2.10E-04	2.31	0.224	0.0304	0.000806	2.59E-06	0.0157	1.14E-07	0.00231	0.00959	0.00202	0.0724	3.47E-06	13.3	3.24E-06	1.98E-04	1.04E-04	2.82E-04	0.03
2167-03-01	141	77.2	67.4	0.754	0.000217	2.31	0.224	0.0305	0.000806	2.59E-06	0.0157	1.14E-07	0.00231	0.0096	0.00202	0.0724	3.47E-06	13.3	3.24E-06	1.98E-04	1.04E-04	2.82E-04	0.03
2167-04-01	141	77.2	67.4	0.754	0.000225	2.31	0.224	0.0305	0.000806	2.59E-06	0.0157	1.14E-07	0.00232	0.0096	0.00202	0.0724	3.47E-06	13.3	3.24E-06	1.98E-04	1.04E-04	2.82E-04	0.03
2167-05-01	141	77.2	67.4	0.754	0.000234	2.31	0.223	0.0304	0.000805	2.58E-06	0.0157	1.14E-07	0.00231	0.00959	0.00202	0.0723	3.47E-06	13.3	3.24E-06	1.98E-04	1.04E-04	2.82E-04	0.03
2167-06-01	141	77.1	67.3	0.753	0.000245	2.31	0.222	0.0304	0.000804	2.58E-06	0.0157	1.14E-07	0.00231	0.00959	0.00202	0.0722	3.47E-06	13.3	3.23E-06	1.98E-04	1.04E-04	2.82E-04	0.03
2167-07-01	141	77	67.2	0.752	0.000254	2.31	0.22	0.0304	0.000803	2.58E-06	0.0156	1.14E-07	0.00231	0.00958	0.00202	0.0722	3.47E-06	13.3	3.23E-06	1.98E-04	1.04E-04	2.82E-04	0.03
2167-08-01	141	77	67.2	0.752	0.000264	2.31	0.219	0.0304	0.000803	2.58E-06	0.0156	1.14E-07	0.00231	0.00958	0.00202	0.0721	3.47E-06	13.3	3.23E-06	1.98E-04	1.04E-04	2.81E-04	0.03
2167-09-01	141	76.9	67.1	0.752	0.000273	2.31	0.218	0.0304	0.000803	2.58E-06	0.0156	1.14E-07	0.00231	0.00958	0.00202	0.0721	3.47E-06	13.3	3.23E-06	1.97E-04	1.04E-04	2.81E-04	0.03
2167-10-01	141	76.9	67.1	0.752	0.000281	2.31	0.217	0.0304	0.000802	2.58E-06	0.0156	1.14E-07	0.00231	0.00958	0.00201	0.072	3.47E-06	13.3	3.23E-06	1.97E-04	1.04E-04	2.81E-04	0.03
2167-11-01	141	76.9	67.1	0.751	0.00029	2.31	0.216	0.0304															

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2171-06-01	145	75.6	65.8	0.744	6.31E-04	2.3	0.189	0.0302	0.000786	2.55E-06	0.0155	1.13E-07	0.0023	0.00952	0.00201	0.0707	3.45E-06	13.3	3.20E-06	1.93E-04	1.04E-04	2.77E-04	0.03
2171-07-01	145	75.6	65.8	0.743	6.39E-04	2.3	0.188	0.0302	0.000786	2.55E-06	0.0155	1.12E-07	0.0023	0.00951	0.00201	0.0707	3.45E-06	13.3	3.20E-06	1.93E-04	1.04E-04	2.77E-04	0.03
2171-08-01	145	75.5	65.7	0.743	6.47E-04	2.3	0.187	0.0302	0.000785	2.55E-06	0.0155	1.12E-07	0.00229	0.00951	0.00201	0.0706	3.45E-06	13.3	3.20E-06	1.93E-04	1.04E-04	2.77E-04	0.03
2171-09-01	145	75.5	65.7	0.743	6.54E-04	2.3	0.186	0.0302	0.000785	2.55E-06	0.0155	1.12E-07	0.00229	0.00951	0.00201	0.0706	3.45E-06	13.3	3.20E-06	1.93E-04	1.04E-04	2.77E-04	0.03
2171-10-01	145	75.4	65.7	0.742	0.000662	2.3	0.185	0.0301	0.000784	2.55E-06	0.0155	1.12E-07	0.00229	0.00951	0.002	0.0706	3.45E-06	13.3	3.20E-06	1.93E-04	1.04E-04	2.77E-04	0.03
2171-11-01	145	75.4	65.6	0.742	0.000669	2.3	0.184	0.0301	0.000784	2.55E-06	0.0155	1.12E-07	0.00229	0.0095	0.002	0.0705	3.45E-06	13.3	3.20E-06	1.93E-04	1.04E-04	2.77E-04	0.03
2171-12-01	145	75.4	65.6	0.742	0.000676	2.3	0.183	0.0301	0.000784	2.55E-06	0.0155	1.12E-07	0.00229	0.0095	0.002	0.0705	3.45E-06	13.3	3.20E-06	1.92E-04	1.04E-04	2.77E-04	0.03
2172-01-01	146	75.4	65.6	0.742	0.000683	2.3	0.183	0.0301	0.000784	2.55E-06	0.0155	1.12E-07	0.00229	0.00951	0.002	0.0705	3.45E-06	13.3	3.20E-06	1.92E-04	1.04E-04	2.77E-04	0.03
2172-02-01	146	75.4	65.6	0.742	0.000689	2.3	0.183	0.0301	0.000784	2.55E-06	0.0155	1.12E-07	0.00229	0.00951	0.00201	0.0705	3.45E-06	13.3	3.20E-06	1.92E-04	1.04E-04	2.77E-04	0.03
2172-03-01	146	75.4	65.6	0.742	0.000696	2.3	0.183	0.0301	0.000783	2.55E-06	0.0155	1.12E-07	0.0023	0.00951	0.00201	0.0705	3.45E-06	13.3	3.20E-06	1.92E-04	1.04E-04	2.77E-04	0.03
2172-04-01	146	75.4	65.6	0.742	7.03E-04	2.3	0.182	0.0302	0.000783	2.55E-06	0.0155	1.12E-07	0.0023	0.00951	0.00201	0.0705	3.45E-06	13.3	3.20E-06	1.92E-04	1.04E-04	2.77E-04	0.03
2172-05-01	146	75.3	65.6	0.742	7.10E-04	2.3	0.181	0.0301	0.000783	2.55E-06	0.0155	1.12E-07	0.00229	0.00951	0.00201	0.0704	3.45E-06	13.3	3.20E-06	1.92E-04	1.04E-04	2.76E-04	0.03
2172-06-01	146	75.3	65.5	0.741	7.18E-04	2.3	0.18	0.0301	0.000782	2.54E-06	0.0155	1.12E-07	0.00229	0.0095	0.002	0.0704	3.45E-06	13.3	3.19E-06	1.92E-04	1.04E-04	2.76E-04	0.03
2172-07-01	146	75.2	65.4	0.741	7.25E-04	2.3	0.179	0.0301	0.000781	2.54E-06	0.0155	1.12E-07	0.00229	0.00949	0.002	0.0703	3.45E-06	13.3	3.19E-06	1.92E-04	1.04E-04	2.76E-04	0.03
2172-08-01	146	75.2	65.4	0.74	7.33E-04	2.3	0.178	0.0301	0.000781	2.54E-06	0.0155	1.12E-07	0.00229	0.00949	0.002	0.0703	3.45E-06	13.3	3.19E-06	1.92E-04	1.04E-04	2.76E-04	0.03
2172-09-01	146	75.1	65.4	0.74	7.40E-04	2.3	0.177	0.0301	0.000781	2.54E-06	0.0155	1.12E-07	0.00229	0.00949	0.002	0.0702	3.45E-06	13.3	3.19E-06	1.92E-04	1.04E-04	2.76E-04	0.03
2172-10-01	146	75.1	65.3	0.74	7.47E-04	2.3	0.176	0.0301	0.00078	2.54E-06	0.0155	1.12E-07	0.00229	0.00949	0.002	0.0702	3.45E-06	13.3	3.19E-06	1.92E-04	1.04E-04	2.76E-04	0.03
2172-11-01	146	75.1	65.3	0.74	7.54E-04	2.3	0.175	0.0301	0.00078	2.54E-06	0.0155	1.12E-07	0.00229	0.00949	0.002	0.0702	3.45E-06	13.3	3.19E-06	1.91E-04	1.04E-04	2.76E-04	0.03
2172-12-01	146	75	65.3	0.74	7.61E-04	2.3	0.175	0.0301	0.000779	2.54E-06	0.0154	1.12E-07	0.00229	0.00949	0.002	0.0701	3.45E-06	13.3	3.19E-06	1.91E-04	1.04E-04	2.76E-04	0.03
2173-01-01	147	75	65.3	0.74	7.67E-04	2.3	0.175	0.0301	0.000779	2.54E-06	0.0154	1.12E-07	0.00229	0.00949	0.002	0.0701	3.45E-06	13.3	3.19E-06	1.91E-04	1.04E-04	2.76E-04	0.03
2173-02-01	147	75	65.3	0.74	7.74E-04	2.3	0.175	0.0301	0.000779	2.54E-06	0.0154	1.12E-07	0.00229	0.00949	0.002	0.0701	3.45E-06	13.3	3.19E-06	1.91E-04	1.04E-04	2.76E-04	0.03
2173-03-01	147	75	65.3	0.74	7.80E-04	2.3	0.175	0.0301	0.000779	2.54E-06	0.0154	1.12E-07	0.00229	0.00949	0.002	0.0701	3.45E-06	13.3	3.19E-06	1.91E-04	1.04E-04	2.76E-04	0.03
2173-04-01	147	75	65.3	0.74	0.000786	2.3	0.176	0.0301	0.000779	2.54E-06	0.0154	1.12E-07	0.00229	0.00949	0.002	0.0701	3.45E-06	13.3	3.19E-06	1.91E-04	1.04E-04	2.75E-04	0.03
2173-05-01	147	75	65.2	0.74	0.000793	2.3	0.174	0.0301	0.000779	2.54E-06	0.0154	1.12E-07	0.00229	0.00949	0.002	0.0701	3.45E-06	13.3	3.19E-06	1.91E-04	1.04E-04	2.75E-04	0.03
2173-06-01	147	74.9	65.1	0.739	0.000801	2.29	0.173	0.03	0.000778	2.54E-06	0.0154	1.12E-07	0.00229	0.00948	0.002	0.07	3.44E-06	13.3	3.19E-06	1.91E-04	1.04E-04	2.75E-04	0.03
2173-07-01	147	74.8	65.1	0.738	0.000808	2.29	0.172	0.03	0.000777	2.54E-06	0.0154	1.12E-07	0.00229	0.00947	0.002	0.0699	3.44E-06	13.2	3.19E-06	1.91E-04	1.04E-04	2.75E-04	0.03
2173-08-01	147	74.8	65	0.738	0.000815	2.29	0.171	0.03	0.000777	2.54E-06	0.0154	1.12E-07	0.00229	0.00947	0.0								

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2177-03-01	151	73.7	63.9	0.731	8.55E-05	2.29	0.144	0.0298	0.000763	2.51E-06	0.0153	1.10E-07	0.00227	0.00941	0.00199	0.0688	3.43E-06	13.2	3.16E-06	1.87E-04	1.04E-04	2.72E-04	0.03
2177-04-01	151	73.7	63.9	0.731	9.13E-05	2.29	0.144	0.0298	0.000763	2.51E-06	0.0153	1.10E-07	0.00227	0.00941	0.00199	0.0688	3.43E-06	13.2	3.16E-06	1.87E-04	1.04E-04	2.72E-04	0.03
2177-05-01	151	73.6	63.9	0.73	9.76E-05	2.29	0.143	0.0298	0.000762	2.51E-06	0.0153	1.10E-07	0.00227	0.00941	0.00199	0.0687	3.43E-06	13.2	3.16E-06	1.87E-04	1.04E-04	2.71E-04	0.03
2177-06-01	151	73.5	63.8	0.73	0.000105	2.28	0.142	0.0298	0.000761	2.51E-06	0.0153	1.10E-07	0.00227	0.0094	0.00199	0.0686	3.43E-06	13.2	3.16E-06	1.87E-04	1.04E-04	2.71E-04	0.03
2177-07-01	151	73.5	63.8	0.729	0.000111	2.28	0.141	0.0297	0.000761	2.50E-06	0.0153	1.10E-07	0.00227	0.00939	0.00199	0.0686	3.43E-06	13.2	3.16E-06	1.87E-04	1.04E-04	2.71E-04	0.03
2177-08-01	151	73.5	63.7	0.729	0.000118	2.28	0.14	0.0297	0.00076	2.50E-06	0.0153	1.10E-07	0.00227	0.00939	0.00199	0.0685	3.43E-06	13.2	3.16E-06	1.87E-04	1.04E-04	2.71E-04	0.03
2177-09-01	151	73.4	63.7	0.729	0.000124	2.28	0.139	0.0297	0.00076	2.50E-06	0.0153	1.10E-07	0.00227	0.00939	0.00199	0.0685	3.43E-06	13.2	3.16E-06	1.86E-04	1.04E-04	2.71E-04	0.03
2177-10-01	151	73.4	63.7	0.728	0.00013	2.28	0.138	0.0297	0.00076	2.50E-06	0.0153	1.10E-07	0.00227	0.00939	0.00198	0.0685	3.43E-06	13.2	3.16E-06	1.86E-04	1.04E-04	2.71E-04	0.03
2177-11-01	151	73.4	63.6	0.728	0.000136	2.28	0.137	0.0297	0.000759	2.50E-06	0.0153	1.10E-07	0.00227	0.00938	0.00198	0.0685	3.43E-06	13.2	3.16E-06	1.86E-04	1.04E-04	2.71E-04	0.03
2177-12-01	151	73.3	63.6	0.728	0.000142	2.28	0.136	0.0297	0.000759	2.50E-06	0.0153	1.10E-07	0.00227	0.00938	0.00198	0.0684	3.42E-06	13.2	3.15E-06	1.86E-04	1.04E-04	2.71E-04	0.03
2178-01-01	152	73.3	63.6	0.728	0.000147	2.28	0.136	0.0297	0.000759	2.50E-06	0.0153	1.10E-07	0.00227	0.00938	0.00198	0.0684	3.42E-06	13.2	3.15E-06	1.86E-04	1.04E-04	2.71E-04	0.03
2178-02-01	152	73.3	63.6	0.728	0.000153	2.28	0.136	0.0297	0.000759	2.50E-06	0.0153	1.10E-07	0.00227	0.00938	0.00198	0.0684	3.42E-06	13.2	3.15E-06	1.86E-04	1.04E-04	2.71E-04	0.03
2178-03-01	152	73.3	63.6	0.728	0.000158	2.28	0.136	0.0297	0.000759	2.50E-06	0.0153	1.10E-07	0.00227	0.00939	0.00199	0.0684	3.42E-06	13.2	3.15E-06	1.86E-04	1.04E-04	2.71E-04	0.03
2178-04-01	152	73.3	63.6	0.728	0.000163	2.28	0.136	0.0297	0.000759	2.50E-06	0.0153	1.10E-07	0.00227	0.00939	0.00199	0.0684	3.42E-06	13.2	3.15E-06	1.86E-04	1.04E-04	2.71E-04	0.03
2178-05-01	152	73.3	63.6	0.728	0.000169	2.28	0.135	0.0297	0.000758	2.50E-06	0.0153	1.10E-07	0.00227	0.00938	0.00198	0.0684	3.42E-06	13.2	3.15E-06	1.86E-04	1.04E-04	2.70E-04	0.03
2178-06-01	152	73.2	63.5	0.727	0.000176	2.28	0.134	0.0297	0.000757	2.50E-06	0.0152	1.09E-07	0.00226	0.00937	0.00198	0.0683	3.42E-06	13.1	3.15E-06	1.86E-04	1.04E-04	2.70E-04	0.03
2178-07-01	152	73.2	63.4	0.727	0.000182	2.28	0.133	0.0297	0.000757	2.50E-06	0.0152	1.09E-07	0.00226	0.00937	0.00198	0.0683	3.42E-06	13.1	3.15E-06	1.86E-04	1.04E-04	2.70E-04	0.03
2178-08-01	152	73.1	63.4	0.726	0.000188	2.28	0.132	0.0297	0.000756	2.50E-06	0.0152	1.09E-07	0.00226	0.00937	0.00198	0.0682	3.42E-06	13.1	3.15E-06	1.86E-04	1.04E-04	2.70E-04	0.03
2178-09-01	152	73.1	63.4	0.726	0.000194	2.28	0.131	0.0297	0.000756	2.50E-06	0.0152	1.09E-07	0.00226	0.00937	0.00198	0.0682	3.42E-06	13.1	3.15E-06	1.85E-04	1.04E-04	2.70E-04	0.03
2178-10-01	152	73.1	63.4	0.726	0.0002	2.28	1.30E-01	0.0296	0.000756	2.49E-06	0.0152	1.09E-07	0.00226	0.00936	0.00198	0.0682	3.42E-06	13.1	3.15E-06	1.85E-04	1.04E-04	2.70E-04	0.03
2178-11-01	152	73	63.3	0.726	0.000206	2.28	0.129	0.0296	0.000755	2.49E-06	0.0152	1.09E-07	0.00226	0.00936	0.00198	0.0681	3.42E-06	13.1	3.15E-06	1.85E-04	1.04E-04	2.70E-04	0.03
2178-12-01	152	73	63.3	0.726	0.000211	2.28	0.128	0.0296	0.000755	2.49E-06	0.0152	1.09E-07	0.00226	0.00936	0.00198	0.0681	3.42E-06	13.1	3.15E-06	1.85E-04	1.04E-04	2.70E-04	0.03
2179-01-01	153	73	63.3	0.726	0.000216	2.28	0.128	0.0296	0.000755	2.49E-06	0.0152	1.09E-07	0.00226	0.00936	0.00198	0.0681	3.42E-06	13.1	3.15E-06	1.85E-04	1.04E-04	2.70E-04	0.03
2179-02-01	153	73	63.3	0.726	0.000221	2.28	0.128	0.0296	0.000755	2.49E-06	0.0152	1.09E-07	0.00226	0.00936	0.00198	0.0681	3.42E-06	13.1	3.15E-06	1.85E-04	1.04E-04	2.70E-04	0.03
2179-03-01	153	73	63.3	0.726	0.000226	2.28	0.128	0.0296	0.000755	2.49E-06	0.0152	1.09E-07	0.00226	0.00936	0.00198	0.0681	3.42E-06	13.1	3.15E-06	1.85E-04	1.04E-04	2.70E-04	0.03
2179-04-01	153	73	63.3	0.726	0.000231	2.28	0.128	0.0296	0.000755	2.49E-06	0.0152	1.09E-07	0.00226	0.00936	0.00198	0.0681	3.42E-06	13.1	3.15E-06	1.85E-04	1.04E-04	2.70E-04	0.03
2179-05-01	153	73	63.3	0.726	2.37E-04	2.28	0.127	0.0296</															

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2182-12-01	156	71.7	62.1	0.716	0.000457	2.27	0.0964	0.0293	0.00074	2.46E-06	0.0151	1.07E-07	0.00224	0.00926	0.00196	0.0668	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.66E-04	0.03
2183-01-01	157	71.7	62.1	0.716	0.000462	2.27	0.0965	0.0293	0.00074	2.46E-06	0.0151	1.07E-07	0.00224	0.00927	0.00196	0.0668	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.66E-04	0.03
2183-02-01	157	71.7	62.1	0.716	0.000466	2.27	9.65E-02	0.0293	0.00074	2.46E-06	0.0151	1.07E-07	0.00224	0.00927	0.00196	0.0668	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.66E-04	0.03
2183-03-01	157	71.7	62.1	0.716	0.00047	2.27	0.0966	0.0293	0.00074	2.46E-06	0.0151	1.07E-07	0.00224	0.00927	0.00196	0.0668	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.66E-04	0.03
2183-04-01	157	71.7	62.1	0.716	0.000475	2.27	0.0966	0.0293	0.00074	2.46E-06	0.0151	1.07E-07	0.00224	0.00927	0.00196	0.0668	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.66E-04	0.03
2183-05-01	157	71.7	62	0.716	0.000479	2.27	0.0956	0.0293	0.000739	2.46E-06	0.0151	1.07E-07	0.00224	0.00926	0.00196	0.0668	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.66E-04	0.03
2183-06-01	157	71.6	62	0.715	0.000484	2.27	0.0946	0.0293	0.000739	2.46E-06	0.0151	1.07E-07	0.00224	0.00926	0.00196	0.0667	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.66E-04	0.03
2183-07-01	157	71.6	61.9	0.715	0.000489	2.27	0.0936	0.0293	0.000738	2.46E-06	0.0151	1.07E-07	0.00223	0.00925	0.00196	0.0667	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.66E-04	0.03
2183-08-01	157	71.5	61.9	0.714	0.000494	2.27	0.0926	0.0293	0.000738	2.46E-06	0.015	1.07E-07	0.00223	0.00925	0.00196	0.0666	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.66E-04	0.03
2183-09-01	157	71.5	61.9	0.714	0.000499	2.27	0.0916	0.0293	0.000737	2.46E-06	0.015	1.07E-07	0.00223	0.00925	0.00196	0.0666	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.66E-04	0.03
2183-10-01	157	71.5	61.8	0.714	0.000503	2.27	0.0906	0.0292	0.000737	2.46E-06	0.015	1.07E-07	0.00223	0.00924	0.00196	0.0666	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.66E-04	0.03
2183-11-01	157	71.4	61.8	0.714	0.000508	2.27	0.0896	0.0292	0.000737	2.46E-06	0.015	1.07E-07	0.00223	0.00924	0.00196	0.0665	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.65E-04	0.03
2183-12-01	157	71.4	61.8	0.714	0.000512	2.27	0.0886	0.0292	0.000736	2.46E-06	0.015	1.07E-07	0.00223	0.00924	0.00196	0.0665	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.65E-04	0.03
2184-01-01	158	71.4	61.8	0.714	0.000516	2.27	8.87E-02	0.0292	0.000736	2.46E-06	0.015	1.07E-07	0.00223	0.00924	0.00196	0.0665	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.65E-04	0.03
2184-02-01	158	71.4	61.8	0.714	0.00052	2.27	8.87E-02	0.0292	0.000736	2.46E-06	0.015	1.07E-07	0.00223	0.00924	0.00196	0.0665	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.65E-04	0.03
2184-03-01	158	71.4	61.8	0.714	0.000524	2.27	0.0888	0.0292	0.000736	2.45E-06	0.015	1.07E-07	0.00223	0.00924	0.00196	0.0665	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.65E-04	0.03
2184-04-01	158	71.4	61.8	0.714	0.000529	2.27	0.0878	0.0292	0.000736	2.45E-06	0.015	1.07E-07	0.00223	0.00924	0.00196	0.0665	3.40E-06	13	3.12E-06	1.81E-04	1.05E-04	2.65E-04	0.03
2184-05-01	158	71.4	61.7	0.713	0.000533	2.27	0.0868	0.0292	0.000736	2.45E-06	0.015	1.07E-07	0.00223	0.00924	0.00196	0.0665	3.40E-06	13	3.12E-06	1.80E-04	1.05E-04	2.65E-04	0.03
2184-06-01	158	71.3	61.7	0.713	0.000538	2.27	0.0858	0.0292	0.000735	2.45E-06	0.015	1.07E-07	0.00223	0.00923	0.00196	0.0664	3.40E-06	13	3.12E-06	1.80E-04	1.05E-04	2.65E-04	0.03
2184-07-01	158	71.3	61.6	0.712	0.000542	2.27	0.0848	0.0292	0.000734	2.45E-06	0.015	1.07E-07	0.00223	0.00923	0.00195	0.0663	3.40E-06	13	3.12E-06	1.80E-04	1.05E-04	2.65E-04	0.03
2184-08-01	158	71.2	61.6	0.712	0.000547	2.27	0.0838	0.0292	0.000734	2.45E-06	0.015	1.07E-07	0.00223	0.00922	0.00195	0.0663	3.40E-06	13	3.12E-06	1.80E-04	1.05E-04	2.65E-04	0.03
2184-09-01	158	71.2	61.6	0.712	0.000551	2.27	0.0828	0.0292	0.000734	2.45E-06	0.015	1.07E-07	0.00223	0.00922	0.00195	0.0663	3.40E-06	13	3.12E-06	1.80E-04	1.05E-04	2.65E-04	0.03
2184-10-01	158	71.2	61.6	0.712	0.000556	2.27	0.0818	0.0292	0.000733	2.45E-06	0.015	1.07E-07	0.00223	0.00922	0.00195	0.0663	3.40E-06	13	3.11E-06	1.80E-04	1.05E-04	2.65E-04	0.03
2184-11-01	158	71.1	61.5	0.711	0.00056	2.27	0.0808	0.0292	0.000733	2.45E-06	0.015	1.07E-07	0.00223	0.00921	0.00195	0.0662	3.39E-06	13	3.11E-06	1.80E-04	1.05E-04	2.65E-04	0.03
2184-12-01	158	71.1	61.5	0.711	0.000564	2.27	0.0809	0.0291	0.000733	2.45E-06	0.015	1.07E-07	0.00223	0.00921	0.00195	0.0662	3.39E-06	13	3.11E-06	1.80E-04	1.05E-04	2.65E-04	0.03
2185-01-01	159	71.1	61.5	0.711	0.000568	2.27	0.0809	0.0292	0.000733	2.45E-06	0.015	1.07E-07	0.00223	0.00921	0.00195	0.0662	3.39E-06	13	3.11E-06	1.80E-04	1.05E-04	2.65E-04	0.03
2185-02-01	159	71.1	61.5	0.711	0.000572	2.27	0.0809	0.0292	0.000733	2.45E-06													

Site Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2188-09-01	162	70	60.4	0.702	7.14E-04	2.26	0.0516	0.0288	0.000719	2.41E-06	0.0148	1.05E-07	0.0022	0.00911	0.00193	0.0651	3.37E-06	12.8	3.09E-06	1.77E-04	1.05E-04	2.62E-04	0.03
2188-10-01	162	69.9	60.4	0.701	7.17E-04	2.26	0.0506	0.0288	0.000718	2.41E-06	0.0148	1.05E-07	0.0022	0.0091	0.00193	0.0651	3.37E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2188-11-01	162	69.9	60.4	0.701	7.20E-04	2.26	0.0497	0.0287	0.000718	2.41E-06	0.0148	1.04E-07	0.0022	0.0091	0.00193	0.065	3.37E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2188-12-01	162	69.9	60.4	0.701	7.23E-04	2.26	0.0497	0.0287	0.000718	2.41E-06	0.0148	1.04E-07	0.0022	0.0091	0.00193	0.065	3.37E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2189-01-01	163	69.9	60.4	0.701	7.26E-04	2.26	0.0497	0.0287	0.000718	2.41E-06	0.0148	1.04E-07	0.0022	0.0091	0.00193	0.065	3.37E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2189-02-01	163	69.9	60.4	0.701	7.29E-04	2.26	0.0498	0.0287	0.000718	2.41E-06	0.0148	1.04E-07	0.0022	0.0091	0.00193	0.065	3.37E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2189-03-01	163	69.9	60.4	0.701	7.32E-04	2.26	0.0498	0.0287	0.000718	2.41E-06	0.0148	1.04E-07	0.0022	0.0091	0.00193	0.065	3.37E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2189-04-01	163	69.9	60.4	0.701	7.35E-04	2.26	0.0498	0.0287	0.000718	2.41E-06	0.0148	1.04E-07	0.0022	0.0091	0.00193	0.065	3.37E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2189-05-01	163	69.8	60.3	0.701	7.38E-04	2.26	0.0488	0.0287	0.000717	2.41E-06	0.0148	1.04E-07	0.0022	0.0091	0.00193	0.065	3.37E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2189-06-01	163	69.8	60.3	0.7	7.41E-04	2.26	0.0478	0.0287	0.000716	2.41E-06	0.0148	1.04E-07	0.0022	0.00909	0.00193	0.0649	3.36E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2189-07-01	163	69.7	60.2	0.7	7.43E-04	2.25	0.0468	0.0287	0.000716	2.40E-06	0.0148	1.04E-07	0.0022	0.00908	0.00193	0.0648	3.36E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2189-08-01	163	69.7	60.2	0.699	7.46E-04	2.25	0.0458	0.0287	0.000715	2.40E-06	0.0148	1.04E-07	0.00219	0.00908	0.00193	0.0648	3.36E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2189-09-01	163	69.7	60.2	0.699	7.49E-04	2.25	0.0449	0.0287	0.000715	2.40E-06	0.0148	1.04E-07	0.00219	0.00908	0.00193	0.0648	3.36E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2189-10-01	163	69.6	60.1	0.699	7.52E-04	2.25	0.0439	0.0287	0.000715	2.40E-06	0.0148	1.04E-07	0.00219	0.00908	0.00193	0.0648	3.36E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2189-11-01	163	69.6	60.1	0.699	7.54E-04	2.25	0.0429	0.0286	0.000714	2.40E-06	0.0148	1.04E-07	0.00219	0.00907	0.00193	0.0647	3.36E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2189-12-01	163	69.6	60.1	0.699	7.57E-04	2.26	0.0419	0.0286	0.000714	2.40E-06	0.0148	1.04E-07	0.00219	0.00907	0.00193	0.0647	3.36E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2190-01-01	164	69.6	60.1	0.699	7.60E-04	2.25	0.042	0.0286	0.000714	2.40E-06	0.0148	1.04E-07	0.00219	0.00907	0.00193	0.0647	3.36E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2190-02-01	164	69.6	60.1	0.699	7.64E-04	2.25	0.042	0.0286	0.000714	2.40E-06	0.0148	1.04E-07	0.00219	0.00907	0.00193	0.0647	3.36E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2190-03-01	164	69.6	60.1	0.699	7.66E-04	2.25	0.042	0.0286	0.000714	2.40E-06	0.0148	1.04E-07	0.00219	0.00907	0.00193	0.0647	3.36E-06	12.8	3.09E-06	1.76E-04	1.05E-04	2.61E-04	0.03
2190-04-01	164	69.6	60.1	0.699	7.70E-04	2.25	0.0421	0.0286	0.000714	2.40E-06	0.0148	1.04E-07	0.00219	0.00907	0.00193	0.0647	3.36E-06	12.8	3.09E-06	1.75E-04	1.05E-04	2.61E-04	0.03
2190-05-01	164	69.6	60.1	0.698	7.72E-04	2.25	0.0411	0.0286	0.000714	2.40E-06	0.0148	1.04E-07	0.00219	0.00907	0.00193	0.0647	3.36E-06	12.8	3.09E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2190-06-01	164	69.5	60	0.698	7.74E-04	2.25	0.0401	0.0286	0.000713	2.40E-06	0.0147	1.04E-07	0.00219	0.00906	0.00192	0.0646	3.36E-06	12.7	3.09E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2190-07-01	164	69.4	59.9	0.697	7.77E-04	2.25	0.0391	0.0286	0.000712	2.39E-06	0.0147	1.04E-07	0.00219	0.00905	0.00192	0.0646	3.36E-06	12.7	3.08E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2190-08-01	164	69.4	59.9	0.697	7.80E-04	2.25	0.0381	0.0286	0.000712	2.39E-06	0.0147	1.04E-07	0.00219	0.00905	0.00192	0.0645	3.36E-06	12.7	3.08E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2190-09-01	164	69.4	59.9	0.697	7.83E-04	2.25	0.0371	0.0286	0.000712	2.39E-06	0.0147	1.04E-07	0.00219	0.00905	0.00192	0.0645	3.36E-06	12.7	3.08E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2190-10-01	164	69.3	59.9	0.697	7.85E-04	2.25	0.0362	0.0286	0.000711	2.39E-06	0.0147	1.04E-07	0.00219	0.00905	0.00192	0.0645	3.36E-06	12.7	3.08E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2190-11-01	164	69.3	59.8	0.696	0.000788	2.25	0.0352	0.0285	0.000711	2.39E-06	0.0147	1.03E-07	0.00219	0.00904	0.00192	0.0645	3.36E-06	12.7	3.08E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2190-12-01	164	69.3	59.8	0.696	0.000791	2.25	0.0342	0.0285	0.000711	2.39E-06	0.0147	1.03E-07	0.00219	0.00904	0.00192	0.0644	3.36E-06	12.7	3.08E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2191-01-01	165	69.3	59.8	0.696	0.000794	2.25	0.0342	0.0285	0.000711	2.39E-06	0.0147	1.03E-07	0.00219	0.00904	0.00192	0.0644	3.36E-06	12.7	3.08E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2191-02-01	165	69.3	59.8	0.696	0.000797	2.25	0.0343	0.0285	0.000711	2.39E-06	0.0147	1.03E-07	0.00219	0.00904	0.00192	0.0644	3.36E-06	12.7	3.08E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2191-03-01	165	69.3	59.8	0.696	0.000799	2.25	0.0343	0.0285	0.000711	2.39E-06	0.0147	1.03E-07	0.00219	0.00904	0.00192	0.0644	3.36E-06	12.7	3.08E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2191-04-01	165	69.3	59.8	0.696	0.000802	2.25	0.0343	0.0285	0.00071	2.39E-06	0.0147	1.03E-07	0.00219	0.00904	0.00192	0.0644	3.36E-06	12.7	3.08E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2191-05-01	165	69.3	59.8	0.696	0.000805	2.25	0.0334	0.0285	0.00071	2.39E-06	0.0147	1.03E-07	0.00219	0.00904	0.00192	0.0644	3.35E-06	12.7	3.08E-06	1.75E-04	1.05E-04	2.60E-04	0.03
2191-06-01	165	69.2	59.7	0.695	0.000807	2.25	0.0324	0.0285	0.000709	2.39E-06	0.0147	1.03E-07	0.00218	0.00903	0.00192	0.0643	3.35E-06	12.7	3.08E-06	1.74E-04	1.05E-04	2.59E-04	0.03
2191-07-01	165	69.1	59.7	0.695	0.000809	2.25	0.0314	0.0285	0.000709	2.39E-06	0.0147	1.03E-07	0.00218	0.00903	0.00192	0.0643	3.35E-06	12.7	3.08E-06	1.74E-04	1.05E-04	2.59E-04	0.03
2191-08-01	165	69.1	59.6	0.694	0.000812	2.25	0.0304	0.0285	0.000708	2.38E-06	0.0147	1.03E-07	0.00218	0.00902	0.00192	0.0642	3.35E-06	12.7	3.08E-06	1.74E-04	1.05E-04	2.59E-04	0.03
2191-09-01	165	69.1	59.6	0.694	0.000815	2.25	2.94E-02	0.0285	0.000708	2.38E-06	0.0147	1.03E-07	0.00218	0.00902	0.00192	0.0642	3.35E-06	12.7	3.08E-06	1.74E-04	1.05E-04	2.59E-04	0.03
2191-10-01	165	69.1	59.6	0.694	0.000817	2.25	2.85E-02	0.0285	0.000708	2.38E-06	0.0147	1.03E-07	0.00218	0.00902	0.00192	0.0642	3.35E-06	12.7	3.08E-06	1.74E-04	1.05E-04	2.59E-04	0.03
2191-11-01	165	69	59.6	0.694	0.00082	2.25	0.0275	0.0284	0.000707	2.38E-06	0.0147	1.03E-07	0.00218	0.00902	0.00192	0.0642	3.35E-06	12.7	3.08E-06	1.74E-04	1.05E-04	2.59E-04	0.03
2191-12-01	165	69	59.6	0.694	0.000823	2.25	0.0265	0.0284	0.000707	2.38E-06	0.0147	1.03E-07	0.00218	0.00901	0.00191	0.0642	3.35E-06	12.7	3.08E-06	1.74E-04	1.05E-04	2.59E-04	0.03
2192-01-01	166	69	59.6	0.694	0.000825	2.25	0.0265	0.0284	0.000707	2.38E-06	0.0147	1.03E-07	0.00218	0.00901	0.00191	0.0642	3.35E-06	12.7	3.08E-06	1.74E-04	1.05E-04	2.59E-04	0.03
2192-02-01	166	69	59.6	0.694	0.000828	2.25	0.0266	0.0284	0.000707	2.38E-06	0.0147	1.03E-07	0.00218	0.00902	0.00192	0.0642	3.35E-06	12.7	3.08E-06	1.74E-04	1.05E-04	2.59E-04	0.03
2192-03-01	166	69	59.6	0.694	0.000831	2.25	0.0266	0.0284	0.000707	2.38E-06	0.0147	1.03E-07	0.00218	0.00902	0.00192	0.0642	3.35E-06	12.7	3.08E-06	1.74E-04	1.05E-04	2.59E-04	0.03
2192-04-01	166	69	59.6	0.694	0.000834	2.25</																	

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2194-06-01	168	68.3	58.9	0.688	0.000898	2.25	2.36E-06	0.0084	0.000699	2.36E-06	0.0146	1.02E-07	0.00216	0.00895	0.0019	0.0635	3.34E-06	12.6	3.07E-06	1.72E-04	1.05E-04	2.57E-04	0.03
2194-07-01	168	68.3	58.9	0.688	0.0009	2.25	0.00743	0.0282	0.000699	2.36E-06	0.0146	1.02E-07	0.00216	0.00894	0.0019	0.0635	3.34E-06	12.6	3.07E-06	1.72E-04	1.05E-04	2.57E-04	0.03
2194-08-01	168	68.3	58.9	0.687	0.000902	2.25	0.00647	0.0282	0.000698	2.36E-06	0.0146	1.02E-07	0.00216	0.00894	0.0019	0.0634	3.34E-06	12.6	3.07E-06	1.72E-04	1.05E-04	2.57E-04	0.03
2194-09-01	168	68.3	58.9	0.687	0.000905	2.25	0.0055	0.0282	0.000698	2.36E-06	0.0146	1.02E-07	0.00216	0.00894	0.0019	0.0634	3.34E-06	12.6	3.07E-06	1.72E-04	1.05E-04	2.57E-04	0.03
2194-10-01	168	68.2	58.8	0.687	0.000907	2.25	0.00453	0.0282	0.000698	2.36E-06	0.0146	1.02E-07	0.00216	0.00893	0.0019	0.0634	3.34E-06	12.6	3.07E-06	1.72E-04	1.05E-04	2.57E-04	0.03
2194-11-01	168	68.2	58.8	0.687	0.00091	2.25	0.00357	0.0282	0.000697	2.36E-06	0.0146	1.01E-07	0.00216	0.00893	0.0019	0.0634	3.33E-06	12.6	3.07E-06	1.72E-04	1.05E-04	2.57E-04	0.03
2194-12-01	168	68.2	58.8	0.687	0.000912	2.25	0.0026	0.0281	0.000697	2.36E-06	0.0145	1.01E-07	0.00216	0.00893	0.0019	0.0633	3.33E-06	12.6	3.07E-06	1.72E-04	1.05E-04	2.57E-04	0.03
2195-01-01	169	68.2	58.8	0.687	0.000915	2.25	0.00264	0.0281	0.000697	2.36E-06	0.0145	1.01E-07	0.00216	0.00893	0.0019	0.0633	3.33E-06	12.6	3.07E-06	1.72E-04	1.05E-04	2.57E-04	0.03
2195-02-01	169	68.2	58.8	0.687	0.000918	2.25	0.00267	0.0281	0.000697	2.36E-06	0.0145	1.01E-07	0.00216	0.00893	0.0019	0.0633	3.33E-06	12.6	3.07E-06	1.72E-04	1.05E-04	2.57E-04	0.03
2195-03-01	169	68.2	58.8	0.687	0.00092	2.25	0.00271	0.0281	0.000697	2.36E-06	0.0145	1.01E-07	0.00216	0.00893	0.0019	0.0633	3.33E-06	12.6	3.07E-06	1.72E-04	1.05E-04	2.57E-04	0.03
2195-04-01	169	68.2	58.8	0.687	0.000923	2.25	2.74E-03	0.0282	0.000697	2.36E-06	0.0145	1.01E-07	0.00216	0.00893	0.0019	0.0633	3.33E-06	12.6	3.07E-06	1.72E-04	1.05E-04	2.57E-04	0.03
2195-05-01	169	68.1	58.8	0.686	0.000925	2.25	1.78E-03	0.0281	0.000696	2.35E-06	0.0145	1.01E-07	0.00216	0.00893	0.0019	0.0633	3.33E-06	12.6	3.06E-06	1.72E-04	1.05E-04	2.57E-04	0.03
2195-06-01	169	68.1	58.7	0.686	0.000927	2.24	0.000812	0.0281	0.000696	2.35E-06	0.0145	1.01E-07	0.00216	0.00892	0.0019	0.0632	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.57E-04	0.03
2195-07-01	169	68	58.7	0.685	0.000929	2.24	0.000849	0.0281	0.000695	2.35E-06	0.0145	1.01E-07	0.00216	0.00891	0.0019	0.0632	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.57E-04	0.03
2195-08-01	169	68	58.6	0.685	0.000932	2.24	0.000886	0.0281	0.000695	2.35E-06	0.0145	1.01E-07	0.00216	0.00891	0.0019	0.0632	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.57E-04	0.03
2195-09-01	169	68	58.6	0.685	0.000934	2.24	0.000922	0.0281	0.000695	2.35E-06	0.0145	1.01E-07	0.00216	0.00891	0.00189	0.0632	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.57E-04	0.03
2195-10-01	169	68	58.6	0.685	0.000937	2.24	0.000958	0.0281	0.000694	2.35E-06	0.0145	1.01E-07	0.00216	0.00891	0.00189	0.0631	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.56E-04	0.03
2195-11-01	169	67.9	58.6	0.684	0.000939	2.24	0.000994	0.0281	0.000694	2.35E-06	0.0145	1.01E-07	0.00215	0.0089	0.00189	0.0631	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.56E-04	0.03
2195-12-01	169	67.9	58.5	0.684	0.000942	2.24	0.00103	0.028	0.000694	2.35E-06	0.0145	1.01E-07	0.00215	0.0089	0.00189	0.0631	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.56E-04	0.03
2196-01-01	170	67.9	58.5	0.684	0.000944	2.24	0.00106	0.028	0.000694	2.35E-06	0.0145	1.01E-07	0.00215	0.0089	0.00189	0.0631	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.56E-04	0.03
2196-02-01	170	67.9	58.5	0.684	0.000947	2.24	0.0011	0.0281	0.000694	2.35E-06	0.0145	1.01E-07	0.00215	0.0089	0.00189	0.0631	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.56E-04	0.03
2196-03-01	170	67.9	58.5	0.684	0.00095	2.24	0.00113	0.0281	0.000694	2.35E-06	0.0145	1.01E-07	0.00215	0.0089	0.00189	0.0631	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.56E-04	0.03
2196-04-01	170	67.9	58.5	0.684	0.000953	2.24	0.000168	0.0281	0.000694	2.35E-06	0.0145	1.01E-07	0.00216	0.00891	0.00189	0.0631	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.56E-04	0.03
2196-05-01	170	67.9	58.5	0.684	0.000955	2.24	0.000204	0.028	0.000693	2.35E-06	0.0145	1.01E-07	0.00215	0.0089	0.00189	0.063	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.56E-04	0.03
2196-06-01	170	67.8	58.4	0.683	0.000957	2.24	0.000242	0.028	0.000692	2.34E-06	0.0145	1.01E-07	0.00215	0.00889	0.00189	0.063	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.56E-04	0.03
2196-07-01	170	67.8	58.4	0.683	0.000959	2.23	0.000279	0.028	0.000692	2.34E-06	0.0145	1.01E-07	0.00215	0.00889	0.00189	0.0629	3.33E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.56E-04	0.03
2196-08-01	170	67.7	58.4	0.683	0.000961	2.23	0.000316	0.028	0.000692	2.34E-06	0.0145	1.01E-07	0.00215	0.00888	0.00189	0.0629	3.32E-06	12.5	3.06E-06	1.71E-04	1.05E-04	2.56E-04	0.03
2196-09-01	170	67.7	58.4	0.683	0.000964	2.23	0.000353	0.028	0.000691	2.34E-06	0.0145	1.01E-07	0.00215	0.00888	0.00189	0.0629	3.33E-06	12.5	3.06E-06	1.70E-04	1.05E-04	2.56E-04	0.03
2196-10-01	170	67.7	58.3	0.682	0.000966	2.23	0.000388	0.028	0.000691	2.34E-06	0.0145	1.01E-07	0.00215	0.00888	0.00189	0.0629	3.32E-06	12.5	3.06E-06	1.70E-04	1.05E-04	2.56E-04	0.03
2196-11-01	170	67.6	58.3	0.682	0.000968	2.23	0.000425	0.028	0.000691	2.34E-06	0.0145	1.01E-07	0.00215	0.00888	0.00189	0.0628	3.32E-06	12.5	3.06E-06	1.70E-04	1.05E-04	2.56E-04	0.03
2196-12-01	170	67.6	58.3	0.682	0.000971	2.23	0.000459	0.028	0.00069	2.34E-06	0.0145	1.00E-07	0.00215	0.00888	0.00189	0.0628	3.32E-06	12.5	3.06E-06	1.70E-04	1.05E-04	2.56E-04	0.03
2197-01-01	171	67.6	58.3	0.682	0.000974	2.23	0.000495	0.028	0.00069	2.34E-06	0.0145	1.00E-07	0.00215	0.00888	0.00189	0.0628	3.32E-06	12.5	3.06E-06	1.70E-04	1.05E-04	2.56E-04	0.03
2197-02-01	171	67.6	58.3	0.682	0.000976	2.23	0.00053	0.028	0.00069	2.34E-06	0.0145	1.00E-07	0.00215	0.00888	0.00189	0.0628	3.32E-06	12.5	3.06E-06	1.70E-04	1.05E-04	2.56E-04	0.03
2197-03-01	171	67.6	58.3	0.682	0.000979	2.23	0.000562	0.028	0.00069	2.34E-06	0.0145	1.00E-07	0.00215	0.00888	0.00189	0.0628	3.32E-06	12.5	3.06E-06	1.70E-04	1.05E-04	2.56E-04	0.03
2197-04-01	171	67.6	58.3	0.682	0.000982	2.23	0.000598	0.028	0.00069	2.34E-06	0.0145	1.00E-07	0.00215	0.00888	0.00189	0.0628	3.32E-06	12.5	3.06E-06	1.70E-04	1.05E-04	2.56E-04	0.03
2197-05-01	171	67.6	58.3	0.682	0.000984	2.23	0.000633	0.0279	0.00069	2.34E-06	0.0145	1.00E-07	0.00215	0.00887	0.00189	0.0628	3.32E-06	12.5	3.06E-06	1.70E-04	1.05E-04	2.56E-04	0.03
2197-06-01	171	67.5	58.2	0.681	0.000986	2.23	0.000671	0.0279	0.000689	2.33E-06	0.0144	1.00E-07	0.00215	0.00887	0.00189	0.0627	3.32E-06	12.5	3.06E-06	1.70E-04	1.05E-04	2.55E-04	0.03
2197-07-01	171	67.5	58.2	0.681	0.000988	2.22	0.000708	0.0279	0.000689	2.33E-06	0.0144	1.00E-07	0.00214	0.00886	0.00189	0.0627	3.32E-06	12.5	3.06E-06	1.70E-04	1.05E-04	2.55E-04	0.03
2197-08-01	171	67.4	58.1	0.68	0.00099	2.22	0.000745	0.0279	0.000688	2.33E-06	0.0144	1.00E-07	0.00214	0.00886	0.00188	0.0626	3.32E-06	12.5	3.06E-06	1.70E-04	1.05E-04	2.55E-04	0.03
2197-09-01	171	67.4	58.1	0.68	0.000993	2.22	0.000781	0.0279	0.000688	2.33E-06	0.0144	1.00E-07	0.00214	0.00886	0.00188	0.0626	3.32E-06	12.4	3.06E-06	1.70E-04	1.05E-04	2.55E-04	0.03
2197-10-01	171	67.4	58.1	0.68	0.000995	2.22	0.000817	0.0279	0.000688	2.33E-06	0.0144	1.00E-07	0.00214	0.00885	0.00188	0.0626	3.32E-06	12.4	3.06E-06	1.70E-04	1.05E-04	2.55E-04	0.03
2197-11-01	171	67.4	58.1	0.68	0.000997	2.22	0.000853	0.0279	0.000687	2.33E-06	0.0144	1.00E-07	0.00214	0.00885	0.00188	0.0626	3.32E-06	12.4	3.05E-06	1.70E-04	1.05E-04	2.55E-04	0.

Pit Closure WQ																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2200-03-01	174	66.8	57.5	0.675	7.47E-05	2.2	0.000849	0.0277	0.000681	2.31E-06	0.0143	9.90E-08	0.00213	0.0088	0.00187	0.062	3.31E-06	12.4	3.05E-06	1.68E-04	1.05E-04	2.54E-04	0.03
2200-04-01	174	66.8	57.5	0.675	7.75E-05	2.2	0.000885	0.0277	0.000681	2.31E-06	0.0143	9.90E-08	0.00213	0.0088	0.00187	0.062	3.31E-06	12.4	3.05E-06	1.68E-04	1.05E-04	2.54E-04	0.03
2200-05-01	174	66.8	57.5	0.675	8.02E-05	2.2	0.00092	0.0277	0.00068	2.31E-06	0.0143	9.90E-08	0.00213	0.00879	0.00187	0.062	3.31E-06	12.4	3.04E-06	1.68E-04	1.05E-04	2.53E-04	0.03
2200-06-01	174	66.7	57.4	0.674	8.30E-05	2.2	0.000958	0.0276	0.000679	2.31E-06	0.0143	9.89E-08	0.00213	0.00878	0.00187	0.0619	3.30E-06	12.3	3.04E-06	1.68E-04	1.05E-04	2.53E-04	0.03
2200-07-01	174	66.7	57.4	0.674	8.57E-05	2.2	0.000994	0.0276	0.000679	2.31E-06	0.0143	9.88E-08	0.00213	0.00878	0.00187	0.0619	3.30E-06	12.3	3.04E-06	1.68E-04	1.05E-04	2.53E-04	0.03
2200-08-01	174	66.6	57.4	0.673	8.85E-05	2.19	0.00103	0.0276	0.000679	2.31E-06	0.0143	9.87E-08	0.00213	0.00878	0.00187	0.0618	3.30E-06	12.3	3.04E-06	1.68E-04	1.05E-04	2.53E-04	0.03
2200-09-01	174	66.6	57.4	0.673	9.14E-05	2.2	6.76E-05	0.0276	0.000678	2.31E-06	0.0143	9.87E-08	0.00213	0.00877	0.00187	0.0618	3.30E-06	12.3	3.04E-06	1.68E-04	1.05E-04	2.53E-04	0.03
2200-10-01	174	66.6	57.3	0.673	9.41E-05	2.19	0.000103	0.0276	0.000678	2.31E-06	0.0143	9.87E-08	0.00212	0.00877	0.00187	0.0618	3.30E-06	12.3	3.04E-06	0.000168	0.000105	0.000253	0.03
2200-11-01	174	66.6	57.3	0.673	9.69E-05	2.19	0.00014	0.0276	0.000678	2.31E-06	0.0143	9.86E-08	0.00212	0.00877	0.00187	0.0618	3.30E-06	12.3	3.04E-06	0.000167	0.000105	0.000253	0.03
2200-12-01	174	66.5	57.3	0.673	9.97E-05	2.19	0.000175	0.0276	0.000677	2.30E-06	0.0143	9.86E-08	0.00212	0.00877	0.00187	0.0618	3.30E-06	12.3	3.04E-06	0.000167	0.000105	0.000253	0.03

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Pit Lake water quality model re																						
Minimum		1.49	0.0106	49.5	0.0297	0.0072	0.00683	10.1	0.00516	0.000034	0.000837	0.000547	0.00136	0.00989	0.0000267	0.0000125	0.00000936	0.000318	0.00161	0.0000741	0.00201	0.0166
P10		1.55	0.0111	52.2	0.0307	0.00762	0.5823	10.5	0.00543	0.0000347	0.0008901	0.000585	0.03412	0.02981	0.00002811	0.0000132	0.0000209	0.0003621	0.0017	0.000121	0.00233	0.0172
Median		1.77	0.0144	68.7	0.0347	0.0102	1.21	12.4	0.00697	0.0000409	0.00127	0.000867	0.0821	0.0525	0.0000376	0.0000185	0.0000291	0.0007305	0.00239	0.000198	0.00268	0.0188
P90		2.36	0.02689	127	0.05179	0.0197	1.27	19.5	0.0123	0.00006589	0.00266	0.00194	0.0999	0.055	0.00007048	0.00003879	0.0000302	0.00101	0.005049	0.000229	0.00274	0.0194
Maximum		2.94	0.0386	182	0.0696	0.0285	1.28	26.5	0.0172	0.0000901	0.00393	0.00294	0.104	0.0552	0.0001	0.0000575	0.0000302	0.00102	0.00754	0.000237	0.00275	0.0197
Pit Lake water quality model re																						
Minimum		1.41	0.0101	46.1	0.0283	0.00672	1.18	9.48	0.00483	0.0000333	0.000774	0.000507	0.104	0.0506	0.0000248	0.0000118	0.0000263	0.00101	0.00152	0.000237	0.0025	0.0158
P10		1.42	0.0101	46.5	0.0285	0.00677	1.19	9.55	0.00487	0.0000334	0.000781	0.000511	0.105	0.0509	0.00002501	0.0000118	0.0000265	0.00101	0.00153	0.000238	0.00252	0.0159
Median		1.45	0.0103	47.7	0.029	0.00695	1.21	9.76	0.00499	0.0000336	0.000804	0.000526	0.107	0.0518	0.0000257	0.0000121	0.0000272	0.00102	0.00156	0.000243	0.00256	0.0162
P90		1.48	0.0105	49.1	0.0295	0.007149	1.22	9.99	0.00512	0.0000339	0.000829	0.0005429	0.109	0.0527	0.0000265	0.0000124	0.00002809	0.00102	0.0016	0.000247	0.0026	0.0165
Maximum		1.49	0.0106	49.5	0.0297	0.0072	1.23	10.1	0.00516	0.000034	0.000837	0.000547	0.11	0.053	0.0000267	0.0000125	0.0000283	0.00102	0.00161	0.000248	0.00261	0.0166
Monthly Results																						
2069-01-01	43	2.93	0.0386	182	0.0696	0.0285	0.00683	26.5	0.0172	9.01E-05	0.00393	2.94E-03	0.00136	0.00989	1.00E-04	5.75E-05	9.37E-06	3.19E-04	7.54E-03	7.48E-05	0.00201	0.0196
2069-02-01	43	2.94	0.0385	182	0.0696	0.0284	0.0129	26.5	0.0172	9.00E-05	0.00393	2.93E-03	0.00136	0.0101	9.99E-05	5.74E-05	9.37E-06	3.20E-04	7.53E-03	7.47E-05	0.00202	0.0196
2069-03-01	43	2.94	0.0385	181	0.0696	0.0284	0.0184	26.5	0.0172	8.99E-05	0.00392	2.93E-03	0.00136	0.0104	9.98E-05	5.74E-05	9.36E-06	3.20E-04	7.52E-03	7.47E-05	0.00203	0.0197
2069-04-01	43	2.93	0.0384	181	0.0695	0.0284	0.0245	26.4	0.0172	8.98E-05	0.00392	2.93E-03	0.00138	0.0106	9.97E-05	5.73E-05	9.39E-06	3.21E-04	7.51E-03	7.46E-05	0.00203	0.0197
2069-05-01	43	2.93	0.0383	180	0.0692	0.0283	0.0304	26.3	0.0171	8.94E-05	0.0039	2.91E-03	0.00152	0.0108	9.92E-05	5.70E-05	9.57E-06	3.20E-04	7.47E-03	7.45E-05	0.00203	0.0197
2069-06-01	43	2.91	0.038	179	0.0687	0.028	0.0364	26.2	0.017	8.88E-05	0.00387	2.89E-03	0.00176	0.011	9.86E-05	5.66E-05	9.89E-06	3.19E-04	7.41E-03	7.45E-05	0.00203	0.0196
2069-07-01	43	2.9	0.0377	178	0.0684	0.0279	0.0421	26	0.0169	8.83E-05	0.00385	2.87E-03	0.00196	0.0111	9.80E-05	5.62E-05	1.01E-05	3.19E-04	7.37E-03	7.45E-05	0.00203	0.0195
2069-08-01	43	2.88	0.0376	177	0.068	0.0277	0.048	25.9	0.0168	8.79E-05	0.00383	2.86E-03	0.00212	0.0113	9.76E-05	5.59E-05	1.04E-05	3.18E-04	7.33E-03	7.45E-05	0.00203	0.0195
2069-09-01	43	2.88	0.0374	177	0.0679	0.0276	0.0538	25.8	0.0168	8.76E-05	0.00381	2.85E-03	0.00222	0.0115	9.73E-05	5.57E-05	1.05E-05	3.19E-04	7.30E-03	7.44E-05	0.00203	0.0195
2069-10-01	43	2.87	0.0373	176	0.0676	0.0275	0.0594	25.8	0.0167	8.72E-05	0.0038	2.83E-03	0.00233	0.0117	9.69E-05	5.55E-05	1.06E-05	3.18E-04	7.27E-03	7.44E-05	0.00203	0.0195
2069-11-01	43	2.87	0.0372	175	0.0674	0.0274	0.0651	25.7	0.0166	8.69E-05	0.00378	2.82E-03	0.00242	0.0119	9.66E-05	5.53E-05	1.08E-05	3.18E-04	7.24E-03	7.43E-05	0.00203	0.0195
2069-12-01	43	2.86	0.0371	175	0.0673	0.0274	0.0707	25.6	0.0166	8.67E-05	0.00377	2.82E-03	0.00247	0.0122	9.64E-05	5.52E-05	1.08E-05	3.19E-04	7.22E-03	7.43E-05	0.00204	0.0195
2070-01-01	44	2.86	0.037	175	0.0673	0.0273	0.0764	25.6	0.0166	8.66E-05	0.00377	2.81E-03	0.00248	0.0124	9.62E-05	5.51E-05	1.08E-05	3.19E-04	7.22E-03	7.42E-05	0.00204	0.0195
2070-02-01	44	2.86	0.037	175	0.0673	0.0273	0.0822	25.6	0.0166	8.65E-05	0.00377	2.81E-03	0.00248	0.0126	9.62E-05	5.50E-05	1.08E-05	3.20E-04	7.21E-03	7.41E-05	0.00205	0.0196
2070-03-01	44	2.86	0.037	175	0.0672	0.0273	0.0873	25.6	0.0166	8.65E-05	0.00376	2.81E-03	0.00249	0.0128	9.61E-05	5.50E-05	1.08E-05	3.20E-04	7.20E-03	7.41E-05	0.00206	0.0196
2070-04-01	44	2.86	0.0369	174	0.0672	0.0273	0.0931	25.6	0.0166	8.63E-05	0.00376	2.80E-03	0.00254	0.013	9.59E-05	5.49E-05	1.08E-05	3.21E-04	7.19E-03	7.41E-05	0.00206	0.0196
2070-05-01	44	2.85	0.0368	174	0.0669	0.0272	0.0985	25.5	0.0165	8.60E-05	0.00374	2.79E-03	0.0028	0.0132	9.55E-05	5.47E-05	1.10E-05	3.21E-04	7.16E-03	7.43E-05	0.00207	0.0196
2070-06-01	44	2.84	0.0365	172	0.0665	0.027	0.104	25.3	0.0164	8.55E-05	0.00371	2.77E-03	0.00326	0.0134	9.49E-05	5.43E-05	1.13E-05	3.20E-04	7.10E-03	7.48E-05	0.00206	0.0195
2070-07-01	44	2.82	0.0363	171	0.0661	0.0268	0.109	25.2	0.0163	8.50E-05	0.00369	2.75E-03	0.00364	0.0135	9.44E-05	5.39E-05	1.15E-05	3.19E-04	7.06E-03	7.52E-05	0.00206	0.0195
2070-08-01	44	2.82	0.0361	171	0.0658	0.0267	0.115	25.1	0.0162	8.47E-05	0.00367	2.74E-03	0.00394	0.0137	9.40E-05	5.37E-05	1.17E-05	3.19E-04	7.02E-03	7.55E-0		

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2073-09-01	47	2.63	0.0324	154	0.0602	0.0239	0.294	22.9	0.0147	7.70E-05	0.00327	2.42E-03	0.0144	0.0199	8.47E-05	4.78E-05	1.53E-05	3.27E-04	6.24E-03	9.03E-05	0.00215	0.0194
2073-10-01	47	2.63	0.0323	153	0.06	0.0238	0.298	22.8	0.0146	7.68E-05	0.00326	2.41E-03	0.0147	0.02	8.44E-05	4.76E-05	1.54E-05	3.27E-04	6.22E-03	9.09E-05	0.00215	0.0193
2073-11-01	47	2.62	0.0322	153	0.0599	0.0238	0.303	22.7	0.0146	7.67E-05	0.00325	2.41E-03	0.015	0.0202	8.42E-05	4.75E-05	1.55E-05	3.28E-04	6.20E-03	9.13E-05	0.00216	0.0193
2073-12-01	47	2.62	0.0322	152	0.0598	0.0237	0.307	22.7	0.0145	7.65E-05	0.00325	2.40E-03	0.0152	0.0203	8.40E-05	4.74E-05	1.56E-05	3.28E-04	6.19E-03	9.15E-05	0.00216	0.0194
2074-01-01	48	2.62	0.0322	152	0.0598	0.0237	0.312	22.7	0.0145	7.64E-05	0.00324	2.40E-03	0.0152	0.0205	8.39E-05	4.73E-05	1.56E-05	3.29E-04	6.18E-03	9.15E-05	0.00217	0.0194
2074-02-01	48	2.62	0.0321	152	0.0598	0.0237	0.316	22.7	0.0145	7.64E-05	0.00324	2.40E-03	0.0152	0.0207	8.39E-05	4.73E-05	1.56E-05	3.30E-04	6.18E-03	9.15E-05	0.00217	0.0194
2074-03-01	48	2.62	0.0321	152	0.0598	0.0237	0.32	22.7	0.0145	7.63E-05	0.00324	2.39E-03	0.0152	0.0209	8.38E-05	4.72E-05	1.56E-05	3.30E-04	6.17E-03	9.14E-05	0.00218	0.0195
2074-04-01	48	2.62	0.0321	152	0.0597	0.0237	0.325	22.7	0.0145	7.62E-05	0.00323	2.39E-03	0.0153	0.021	8.37E-05	4.72E-05	1.56E-05	3.31E-04	6.16E-03	9.15E-05	0.00218	0.0195
2074-05-01	48	2.61	0.032	151	0.0595	0.0236	0.329	22.6	0.0145	7.60E-05	0.00322	2.38E-03	0.0157	0.0212	8.34E-05	4.70E-05	1.57E-05	3.31E-04	6.14E-03	9.21E-05	0.00218	0.0195
2074-06-01	48	2.6	0.0318	150	0.0592	0.0234	0.332	22.5	0.0144	7.57E-05	0.0032	2.37E-03	0.0164	0.0212	8.30E-05	4.67E-05	1.59E-05	3.31E-04	6.10E-03	9.33E-05	0.00218	0.0194
2074-07-01	48	2.59	0.0316	150	0.059	0.0233	0.336	22.4	0.0143	7.54E-05	0.00319	2.35E-03	0.017	0.0213	8.26E-05	4.65E-05	1.61E-05	3.31E-04	6.07E-03	9.43E-05	0.00218	0.0194
2074-08-01	48	2.59	0.0315	149	0.0588	0.0232	0.34	22.3	0.0143	7.52E-05	0.00317	2.34E-03	0.0175	0.0214	8.23E-05	4.63E-05	1.62E-05	3.31E-04	6.05E-03	9.51E-05	0.00218	0.0193
2074-09-01	48	2.58	0.0314	149	0.0587	0.0232	0.344	22.3	0.0142	7.50E-05	0.00316	2.34E-03	0.0178	0.0216	8.21E-05	4.62E-05	1.63E-05	3.31E-04	6.03E-03	9.56E-05	0.00218	0.0193
2074-10-01	48	2.58	0.0313	148	0.0585	0.0231	0.348	22.2	0.0142	7.49E-05	0.00315	2.33E-03	0.0181	0.0217	8.19E-05	4.60E-05	1.64E-05	3.31E-04	6.01E-03	9.61E-05	0.00218	0.0193
2074-11-01	48	2.57	0.0313	148	0.0584	0.023	0.352	22.1	0.0142	7.47E-05	0.00314	2.32E-03	0.0184	0.0218	8.17E-05	4.59E-05	1.65E-05	3.32E-04	5.99E-03	9.65E-05	0.00218	0.0193
2074-12-01	48	2.57	0.0312	148	0.0583	0.023	0.356	22.1	0.0141	7.46E-05	0.00314	2.32E-03	0.0186	0.022	8.15E-05	4.58E-05	1.65E-05	3.32E-04	5.98E-03	9.67E-05	0.00219	0.0193
2075-01-01	49	2.57	0.0312	148	0.0583	0.023	0.361	22.1	0.0141	7.45E-05	0.00314	2.32E-03	0.0186	0.0222	8.15E-05	4.57E-05	1.65E-05	3.33E-04	5.97E-03	9.67E-05	0.00219	0.0194
2075-02-01	49	2.57	0.0312	148	0.0583	0.023	0.365	22.1	0.0141	7.44E-05	0.00313	2.31E-03	0.0186	0.0224	8.14E-05	4.57E-05	1.65E-05	3.34E-04	5.97E-03	9.66E-05	0.0022	0.0194
2075-03-01	49	2.57	0.0311	148	0.0583	0.0229	0.369	22.1	0.0141	7.44E-05	0.00313	2.31E-03	0.0186	0.0225	8.13E-05	4.57E-05	1.65E-05	3.35E-04	5.96E-03	9.66E-05	0.0022	0.0194
2075-04-01	49	2.57	0.0311	147	0.0582	0.0229	0.373	22.1	0.0141	7.43E-05	0.00313	2.31E-03	0.0186	0.0227	8.12E-05	4.56E-05	1.65E-05	3.35E-04	5.96E-03	9.66E-05	0.00221	0.0195
2075-05-01	49	2.57	0.031	147	0.0581	0.0228	0.377	22	0.0141	7.41E-05	0.00312	2.30E-03	0.019	0.0228	8.10E-05	4.54E-05	1.66E-05	3.35E-04	5.93E-03	9.72E-05	0.00221	0.0194
2075-06-01	49	2.56	0.0308	146	0.0578	0.0227	0.38	21.9	0.014	7.38E-05	0.0031	2.29E-03	0.0197	0.0229	8.06E-05	4.52E-05	1.68E-05	3.35E-04	5.90E-03	9.84E-05	0.00221	0.0194
2075-07-01	49	2.55	0.0307	145	0.0575	0.0226	0.383	21.8	0.0139	7.35E-05	0.00308	2.27E-03	0.0203	0.0229	8.02E-05	4.50E-05	1.70E-05	3.35E-04	5.87E-03	9.93E-05	0.00221	0.0193
2075-08-01	49	2.54	0.0306	145	0.0574	0.0225	0.387	21.7	0.0139	7.33E-05	0.00307	2.27E-03	0.0207	0.0231	8.00E-05	4.48E-05	1.72E-05	3.35E-04	5.85E-03	1.00E-04	0.00221	0.0193
2075-09-01	49	2.54	0.0305	145	0.0573	0.0225	0.391	21.7	0.0138	7.32E-05	0.00306	2.26E-03	0.021	0.0232	7.98E-05	4.47E-05	1.72E-05	3.36E-04	5.83E-03	1.01E-04	0.00221	0.0193
2075-10-01	49	2.53	0.0304	144	0.0571	0.0224	0.394	21.6	0.0138	7.30E-05	0.00305	2.25E-03	0.0213	0.0233	7.96E-05	4.45E-05	1.73E-05	3.36E-04	5.82E-03	1.01E-04	0.00221	0.0193
2075-11-01	49	2.53	0.0304	144	0.057	0.0223	0.398	21.6	0.0138	7.29E-05	0.00305	2.24E-03	0.0216	0.0234	7.94E-05	4.44E-05	1.74E-05	3.36E-04	5.80E-03	1.01E-04	0.00221	0.0193
2075-12-01	49	2.53	0.0303	144	0.0569	0.0223	0.402	21.6	0.0137	7.28E-05	0.00304	2.24E-03	0.0217	0.0236	7.93E-05	4.43E-05	1.74E-05	3.37E-04	5.79E-03	1.02E-04	0.00221	0.0193
2076-01-01	50	2.53	0.0303	143	0.0569	0.0223	0.406	21.6	0.0137	7.27E-05	0.00304	2.24E-03	0.0217	0.0237	7.92E-05	4.43E-05	1.74E-05	3.37E-04	5.78E-03	1.02E-04	0.00222	0.0194
2076-02-01	50	2.53	0.0303	143	0.0569	0.0223	0.41	21.6	0.0137	7.26E-05	0.00303	2.24E-03	0.0217	0.0239	7.91E-05	4.43E-05	1.74E-05	3.38E-04	5.78E-03	1.01E-04	0.00223	0.0194
2076-03-01	50	2.53	0.0302	143	0.0569	0.0223	0.414	21.5	0.0137	7.26E-05	0.00303	2.23E-03	0.0217	0.0241	7.91E-05	4.42E-05	1.74E-05	3.39E-04	5.77E-03	1.01E-04	0.00223	0.0194
2076-04-01	50	2.53	0.0302	143	0.0569	0.0222	0.419	21.5	0.0137	7.25E-05	0.00303	2.23E-03	0.0218	0.0242	7.90E-05	4.42E-05	1.74E-05	3.40E-04	5.77E-03	1.01E-04	0.00224	0.0195
2076-05-01	50	2.52	0.0301	143	0.0567	0.0222	0.422	21.5	0.0137	7.23E-05	0.00302	2.22E-03	0.0221	0.0243	7.87E-05	4.40E-05	1.75E-05	3.40E-04	5.75E-03	1.02E-04	0.00224	0.0194
2076-06-01	50	2.51	0.03	142	0.0564	0.022	0.425	21.4	0.0136	7.20E-05	0.003	2.21E-03	0.0228	0.0244	7.83E-05	4.38E-05	1.77E-05	3.40E-04	5.71E-03	1.03E-04	0.00223	0.0194
2076-07-01	50	2.51	0.0298	141	0.0562	0.022	0.428	21.3	0.0135	7.18E-05	0.00299	2.20E-03	0.0233	0.0245	7.80E-05	4.36E-05	1.79E-05	3.40E-04	5.69E-03	1.04E-04	0.00223	0.0193
2076-08-01	50	2.5	0.0297	141	0.0561	0.0219	0.431	21.2	0.0135	7.16E-05	0.00298	2.19E-03	0.0237	0.0246	7.78E-05	4.34E-05	1.80E-05	3.40E-04	5.67E-03	1.05E-04	0.00223	0.0193
2076-09-01	50	2.5	0.0297	141	0.056	0.0218	0.435	21.2	0.0135	7.15E-05	0.00297	2.19E-03	0.024	0.0247	7.76E-05	4.33E-05	1.81E-05	3.40E-04	5.65E-03	1.05E-04	0.00223	0.0193
2076-10-01	50	2.49	0.0296	140	0.0558	0.0218	0.438	21.1	0.0134	7.13E-05	0.00296	2.18E-03	0.0243	0.0248	7.74E-05	4.32E-05	1.82E-05	3.41E-04	5.64E-03	1.06E-04	0.00224	0.0193
2076-11-01	50	2.49	0.0295	140	0.0557	0.0217	0.441	21.1	0.0134	7.12E-05	0.00295	2.17E-03	0.0245	0.0249	7.73E-05	4.31E-05	1.82E-05	3.41E-04	5.62E-03	1.06E-04	0.00224	0.0193
2076-12-01	50	2.49	0.0295	140	0.0557	0.0217	0.445	21.1	0.0134	7.11E-05	0.00295	2.17E-03	0.0247	0.0251	7.71E-05	4.30E-05	1.83E-05	3.42E-04	5.61E-03	1.06E-04	0.00224	0.0193
2077-01-01	51	2.49	0.0294	140	0.0557	0.0217	0.449	21.1	0.0134	7.10E-05	0.00295	2.17E-03	0.0247	0.0252	7.71E-05	4.29E-05	1.83E-05	3.42E-04	5.60E-03	1.06E-04	0.00225	0.0194
2077-02-01	51	2.49	0.0294	140	0.0557	0.0216	0.453	21.1	0.0134	7.10E-05	0.00294	2.16E-03	0.0247	0.0254	7.70E-05	4.29E-05	1.83E-05	3.43E-04	5.60E-03	1.06E-04	0.00225	0.0194
2077-03-01	51	2.49	0.0294	139	0.0556	0.0216	0.457	21.1	0.0134	7.09E-05	0.00294	2.16E-03	0.0247	0.0255	7.69E-05	4.29E-05	1.83E-05	3.44E-04	5.60E-03	1.06E-04	0.00226	0.0194
2077-04-01	51	2.49	0.0294	139	0.0556	0.0216	0.461	21	0.0134	7.09E-05	0.00294	2.16E-03	0.0247	0.0257	7.69E-05	4.28E-05	1.83E-05	3.45E-04	5.59E-03	1.06E-04	0.00226	0.0194
2077-05-01	51	2.48	0.0293	139																		

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2079-06-01	53	2.4	0.0277	131	0.053	0.0203	0.542	20	0.0126	6.75E-05	0.00275	2.02E-03	0.0309	0.0285	7.26E-05	4.01E-05	2.00E-05	3.56E-04	5.23E-03	1.16E-04	0.0023	0.0194
2079-07-01	53	2.4	0.0276	131	0.0529	0.0203	0.545	20	0.0126	6.73E-05	0.00274	2.01E-03	0.0313	0.0285	7.23E-05	4.00E-05	2.01E-05	3.56E-04	5.21E-03	1.17E-04	0.0023	0.0193
2079-08-01	53	2.39	0.0275	130	0.0527	0.0202	0.547	19.9	0.0126	6.72E-05	0.00273	2.00E-03	0.0317	0.0286	7.21E-05	3.98E-05	2.02E-05	3.56E-04	5.19E-03	1.17E-04	0.0023	0.0193
2079-09-01	53	2.39	0.0275	130	0.0527	0.0202	0.55	19.9	0.0125	6.71E-05	0.00273	2.00E-03	0.0319	0.0287	7.20E-05	3.97E-05	2.03E-05	3.57E-04	5.18E-03	1.18E-04	0.00231	0.0193
2079-10-01	53	2.39	0.0274	130	0.0526	0.0201	0.553	19.8	0.0125	6.70E-05	0.00272	1.99E-03	0.0322	0.0288	7.18E-05	3.96E-05	2.04E-05	3.57E-04	5.17E-03	1.18E-04	0.00231	0.0193
2079-11-01	53	2.38	0.0273	130	0.0525	0.0201	0.556	19.8	0.0125	6.68E-05	0.00271	1.98E-03	0.0324	0.0289	7.17E-05	3.95E-05	2.04E-05	3.58E-04	5.15E-03	1.18E-04	0.00231	0.0193
2079-12-01	53	2.38	0.0273	129	0.0524	0.02	0.559	19.8	0.0125	6.67E-05	0.00271	1.98E-03	0.0325	0.029	7.16E-05	3.95E-05	2.05E-05	3.58E-04	5.14E-03	1.18E-04	0.00231	0.0193
2080-01-01	54	2.38	0.0273	129	0.0524	0.02	0.563	19.8	0.0125	6.67E-05	0.00271	1.98E-03	0.0325	0.0292	7.15E-05	3.94E-05	2.04E-05	3.59E-04	5.14E-03	1.18E-04	0.00232	0.0194
2080-02-01	54	2.38	0.0273	129	0.0524	0.02	0.566	19.8	0.0125	6.66E-05	0.0027	1.98E-03	0.0325	0.0293	7.15E-05	3.94E-05	2.04E-05	3.60E-04	5.14E-03	1.18E-04	0.00232	0.0194
2080-03-01	54	2.38	0.0273	129	0.0524	0.02	0.57	19.8	0.0125	6.66E-05	0.0027	1.98E-03	0.0325	0.0294	7.14E-05	3.94E-05	2.04E-05	3.61E-04	5.13E-03	1.18E-04	0.00232	0.0194
2080-04-01	54	2.38	0.0272	129	0.0524	0.02	0.573	19.8	0.0125	6.65E-05	0.0027	1.97E-03	0.0325	0.0296	7.13E-05	3.93E-05	2.04E-05	3.62E-04	5.13E-03	1.18E-04	0.00233	0.0194
2080-05-01	54	2.38	0.0272	129	0.0523	0.0199	0.575	19.7	0.0124	6.64E-05	0.00269	1.97E-03	0.0328	0.0297	7.12E-05	3.92E-05	2.05E-05	3.62E-04	5.11E-03	1.19E-04	0.00233	0.0194
2080-06-01	54	2.37	0.027	128	0.052	0.0198	0.577	19.6	0.0124	6.62E-05	0.00268	1.96E-03	0.0333	0.0297	7.09E-05	3.90E-05	2.07E-05	3.62E-04	5.09E-03	1.20E-04	0.00233	0.0194
2080-07-01	54	2.37	0.0269	128	0.0519	0.0198	0.579	19.6	0.0123	6.60E-05	0.00267	1.95E-03	0.0337	0.0297	7.06E-05	3.89E-05	2.08E-05	3.62E-04	5.07E-03	1.20E-04	0.00232	0.0193
2080-08-01	54	2.36	0.0269	127	0.0518	0.0197	0.582	19.5	0.0123	6.59E-05	0.00266	1.94E-03	0.0341	0.0298	7.05E-05	3.88E-05	2.09E-05	3.62E-04	5.05E-03	1.21E-04	0.00232	0.0193
2080-09-01	54	2.36	0.0268	127	0.0517	0.0197	0.585	19.5	0.0123	6.58E-05	0.00266	1.94E-03	0.0343	0.0299	7.03E-05	3.87E-05	2.09E-05	3.63E-04	5.04E-03	1.21E-04	0.00233	0.0193
2080-10-01	54	2.36	0.0268	127	0.0516	0.0196	0.587	19.5	0.0122	6.57E-05	0.00265	1.93E-03	0.0345	0.03	7.02E-05	3.86E-05	2.10E-05	3.63E-04	5.03E-03	1.22E-04	0.00233	0.0193
2080-11-01	54	2.35	0.0267	127	0.0515	0.0196	0.59	19.4	0.0122	6.56E-05	0.00264	1.93E-03	0.0347	0.0301	7.00E-05	3.85E-05	2.10E-05	3.64E-04	5.02E-03	1.22E-04	0.00233	0.0193
2080-12-01	54	2.35	0.0267	126	0.0515	0.0195	0.593	19.4	0.0122	6.55E-05	0.00264	1.93E-03	0.0348	0.0302	6.99E-05	3.84E-05	2.11E-05	3.65E-04	5.01E-03	1.22E-04	0.00233	0.0193
2081-01-01	55	2.35	0.0266	126	0.0515	0.0195	0.596	19.4	0.0122	6.54E-05	0.00264	1.92E-03	0.0348	0.0303	6.99E-05	3.84E-05	2.11E-05	3.65E-04	5.00E-03	1.22E-04	0.00234	0.0194
2081-02-01	55	2.35	0.0266	126	0.0515	0.0195	0.6	19.4	0.0122	6.54E-05	0.00263	1.92E-03	0.0348	0.0305	6.98E-05	3.84E-05	2.10E-05	3.66E-04	5.00E-03	1.22E-04	0.00234	0.0194
2081-03-01	55	2.35	0.0266	126	0.0515	0.0195	0.603	19.4	0.0122	6.53E-05	0.00263	1.92E-03	0.0348	0.0306	6.98E-05	3.84E-05	2.10E-05	3.67E-04	5.00E-03	1.22E-04	0.00235	0.0194
2081-04-01	55	2.35	0.0266	126	0.0515	0.0195	0.606	19.4	0.0122	6.53E-05	0.00263	1.92E-03	0.0348	0.0307	6.97E-05	3.83E-05	2.10E-05	3.68E-04	4.99E-03	1.22E-04	0.00235	0.0194
2081-05-01	55	2.35	0.0265	126	0.0513	0.0195	0.608	19.3	0.0122	6.51E-05	0.00262	1.91E-03	0.0351	0.0308	6.95E-05	3.82E-05	2.11E-05	3.68E-04	4.98E-03	1.22E-04	0.00235	0.0194
2081-06-01	55	2.34	0.0264	125	0.0511	0.0194	0.61	19.3	0.0121	6.49E-05	0.00261	1.90E-03	0.0356	0.0308	6.93E-05	3.80E-05	2.12E-05	3.68E-04	4.95E-03	1.23E-04	0.00235	0.0194
2081-07-01	55	2.34	0.0263	125	0.051	0.0193	0.612	19.2	0.0121	6.48E-05	0.0026	1.90E-03	0.036	0.0309	6.90E-05	3.79E-05	2.14E-05	3.68E-04	4.94E-03	1.24E-04	0.00234	0.0193
2081-08-01	55	2.33	0.0262	125	0.0509	0.0192	0.614	19.2	0.012	6.47E-05	0.00259	1.89E-03	0.0363	0.0309	6.89E-05	3.78E-05	2.14E-05	3.69E-04	4.92E-03	1.24E-04	0.00234	0.0193
2081-09-01	55	2.33	0.0262	124	0.0508	0.0192	0.617	19.1	0.012	6.46E-05	0.00259	1.89E-03	0.0365	0.031	6.88E-05	3.77E-05	2.15E-05	3.69E-04	4.91E-03	1.25E-04	0.00235	0.0193
2081-10-01	55	2.33</																				

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2085-03-01	59	2.25	0.0244	116	0.0482	0.0179	0.719	18.1	0.0113	6.09E-05	0.00239	1.73E-03	0.043	0.0347	6.41E-05	3.48E-05	2.30E-05	0.000394	4.53E-03	1.35E-04	0.00242	0.0194
2085-04-01	59	2.25	0.0244	116	0.0482	0.0178	0.722	18.1	0.0112	6.09E-05	0.00239	1.73E-03	0.043	0.0348	6.40E-05	3.48E-05	2.30E-05	0.000395	4.52E-03	1.35E-04	0.00242	0.0194
2085-05-01	59	2.24	0.0243	116	0.0481	0.0178	0.724	18	0.0112	6.08E-05	0.00238	1.73E-03	0.0432	0.0348	6.39E-05	3.47E-05	2.30E-05	0.000395	4.51E-03	1.35E-04	0.00242	0.0194
2085-06-01	59	2.24	0.0242	115	0.048	0.0177	0.724	18	0.0112	6.06E-05	0.00237	1.72E-03	0.0436	0.0348	6.36E-05	3.45E-05	2.31E-05	0.000395	4.49E-03	1.36E-04	0.00242	0.0194
2085-07-01	59	2.23	0.0242	115	0.0478	0.0177	0.726	17.9	0.0111	6.05E-05	0.00236	1.71E-03	0.044	0.0349	6.35E-05	3.44E-05	2.32E-05	0.000395	4.48E-03	1.36E-04	0.00242	0.0194
2085-08-01	59	2.23	0.0241	115	0.0477	0.0176	0.727	17.9	0.0111	6.04E-05	0.00236	1.71E-03	0.0442	0.0349	6.33E-05	3.43E-05	2.33E-05	0.000395	4.46E-03	1.37E-04	0.00242	0.0193
2085-09-01	59	2.23	0.0241	114	0.0477	0.0176	0.73	17.9	0.0111	6.03E-05	0.00235	1.70E-03	0.0444	0.035	6.32E-05	3.43E-05	2.33E-05	0.000396	4.46E-03	1.37E-04	0.00242	0.0193
2085-10-01	59	2.23	0.024	114	0.0476	0.0176	0.732	17.8	0.0111	6.02E-05	0.00235	1.70E-03	0.0446	0.0351	6.31E-05	3.42E-05	2.34E-05	0.000397	4.45E-03	1.38E-04	0.00242	0.0193
2085-11-01	59	2.22	0.024	114	0.0476	0.0175	0.734	17.8	0.0111	6.01E-05	0.00234	1.70E-03	0.0447	0.0351	6.30E-05	3.41E-05	2.34E-05	0.000397	4.44E-03	1.38E-04	0.00242	0.0193
2085-12-01	59	2.22	0.024	114	0.0475	0.0175	0.736	17.8	0.0111	6.01E-05	0.00234	1.69E-03	0.0448	0.0352	6.29E-05	3.41E-05	2.34E-05	0.000398	4.43E-03	1.38E-04	0.00242	0.0193
2086-01-01	60	2.22	0.024	114	0.0475	0.0175	0.739	17.8	0.0111	6.00E-05	0.00234	1.69E-03	0.0448	0.0353	6.29E-05	3.40E-05	2.34E-05	0.000399	4.43E-03	1.38E-04	0.00243	0.0194
2086-02-01	60	2.22	0.0239	114	0.0475	0.0175	0.742	17.8	0.011	6.00E-05	0.00234	1.69E-03	0.0448	0.0355	6.28E-05	3.40E-05	2.34E-05	0.0004	4.43E-03	1.38E-04	0.00243	0.0194
2086-03-01	60	2.22	0.0239	114	0.0475	0.0175	0.744	17.8	0.011	6.00E-05	0.00233	1.69E-03	0.0448	0.0356	6.28E-05	3.40E-05	2.34E-05	0.000401	4.42E-03	1.38E-04	0.00243	0.0194
2086-04-01	60	2.22	0.0239	114	0.0475	0.0175	0.747	17.8	0.011	5.99E-05	0.00233	1.69E-03	0.0448	0.0357	6.28E-05	3.40E-05	2.34E-05	0.000402	4.42E-03	1.38E-04	0.00244	0.0194
2086-05-01	60	2.22	0.0239	113	0.0474	0.0174	0.749	17.8	0.011	5.98E-05	0.00233	1.68E-03	0.045	0.0357	6.26E-05	3.39E-05	2.34E-05	0.000402	4.41E-03	1.38E-04	0.00244	0.0194
2086-06-01	60	2.21	0.0238	113	0.0473	0.0174	0.749	17.7	0.011	5.96E-05	0.00232	1.68E-03	0.0454	0.0357	6.24E-05	3.38E-05	2.35E-05	0.000402	4.39E-03	1.39E-04	0.00243	0.0194
2086-07-01	60	2.21	0.0237	113	0.0472	0.0173	0.751	17.6	0.0109	5.95E-05	0.00231	1.67E-03	0.0457	0.0357	6.22E-05	3.37E-05	2.36E-05	0.000402	4.38E-03	1.39E-04	0.00243	0.0194
2086-08-01	60	2.21	0.0237	112	0.0471	0.0173	0.752	17.6	0.0109	5.94E-05	0.0023	1.67E-03	0.046	0.0358	6.21E-05	3.36E-05	2.37E-05	0.000403	4.36E-03	1.40E-04	0.00243	0.0193
2086-09-01	60	2.21	0.0236	112	0.047	0.0172	0.755	17.6	0.0109	5.94E-05	0.0023	1.66E-03	0.0462	0.0359	6.20E-05	3.35E-05	2.37E-05	0.000403	4.36E-03	1.40E-04	0.00244	0.0194
2086-10-01	60	2.2	0.0236	112	0.047	0.0172	0.756	17.6	0.0109	5.93E-05	0.0023	1.66E-03	0.0463	0.0359	6.19E-05	3.34E-05	2.37E-05	0.000404	4.35E-03	1.40E-04	0.00244	0.0193
2086-11-01	60	2.2	0.0235	112	0.0469	0.0172	0.758	17.5	0.0109	5.92E-05	0.00229	1.66E-03	0.0465	0.036	6.18E-05	3.34E-05	2.38E-05	0.000404	4.34E-03	1.41E-04	0.00244	0.0193
2086-12-01	60	2.2	0.0235	112	0.0469	0.0172	0.76	17.5	0.0109	5.91E-05	0.00229	1.65E-03	0.0465	0.0361	6.17E-05	3.33E-05	2.38E-05	0.000405	4.33E-03	1.41E-04	0.00244	0.0193
2087-01-01	61	2.2	0.0235	112	0.0469	0.0172	0.763	17.5	0.0109	5.91E-05	0.00229	1.65E-03	0.0465	0.0362	6.17E-05	3.33E-05	2.38E-05	0.000406	4.33E-03	1.41E-04	0.00244	0.0194
2087-02-01	61	2.2	0.0235	112	0.0469	0.0172	0.766	17.5	0.0109	5.91E-05	0.00228	1.65E-03	0.0465	0.0363	6.16E-05	3.33E-05	2.38E-05	0.000407	4.33E-03	1.40E-04	0.00245	0.0194
2087-03-01	61	2.2	0.0235	112	0.0469	0.0171	0.769	17.5	0.0109	5.90E-05	0.00228	1.65E-03	0.0465	0.0364	6.16E-05	3.33E-05	2.37E-05	0.000408	0.00433	1.40E-04	0.00245	0.0194
2087-04-01	61	2.2	0.0235	111	0.0469	0.0171	0.771	17.5	0.0109	5.90E-05	0.00228	1.65E-03	0.0465	0.0365	6.16E-05	3.32E-05	2.37E-05	0.000409	0.00432	1.40E-04	0.00245	0.0194
2087-05-01	61	2.2	0.0234	111	0.0468	0.0171	0.773	17.5	0.0108	5.89E-05	0.00228	1.65E-03	0.0467	0.0366	6.14E-05	3.32E-05	2.38E-05	0.000409	0.00431	1.41E-04	0.00245	0.0194
2087-06-01	61	2.19	0.0233	111	0.0466	0.017	0.773	17.4	0.0108	5.87E-05	0.00227	1.64E-03	0.0471	0.0366	6.12E-05	3.30E-05	2.39E-05	0.000409	0.00429	1.41E-04	0.00245	0.0194
2087-07-01	61	2.19	0.0233	111	0.0465	0.017	0.774	17.4	0.0108	5.86E-05	0.00226	1.63E-03	0.0474	0.0366	6.11E-05	3.29E-05	2.39E-05	0.000409	0.00428	1.42E-04	0.00245	0.0194
2087-08-01	61	2.19	0.0232	110	0.0464	0.0169	0.776	17.4	0.0107	5.85E-05	0.00225	1.63E-03	0.0477	0.0366	6.09E-05	3.28E-05	2.40E-05	0.00041	0.00427	1.42E-04	0.00245	0.0193
2087-09-01	61	2.18	0.0232	110	0.0464	0.0169	0.778	17.3	0.0107	5.85E-05	0.00225	1.63E-03	0.0478	0.0367	6.09E-05	3.28E-05	2.40E-05	0.000411	0.00426	1.43E-04	0.00245	0.0194
2087-10-01	61	2.18	0.0231	110	0.0463	0.0169	0.78	17.3	0.0107	5.84E-05	0.00225	1.62E-03	0.048	0.0368	6.08E-05	3.27E-05	2.41E-05	0.000411	0.00425	1.43E-04	0.00245	0.0193
2087-11-01	61	2.18	0.0231	110	0.0463	0.0169	0.782	17.3	0.0107	5.83E-05	0.00224	1.62E-03	0.0481	0.0368	6.07E-05	3.27E-05	2.41E-05	0.000412	0.00425	1.43E-04	0.00245	0.0193
2087-12-01	61	2.18	0.0231	110	0.0462	0.0168	0.784	17.3	0.0107	5.83E-05	0.00224	1.62E-03	0.0482	0.0369	6.06E-05	3.26E-05	2.41E-05	0.000412	0.00424	1.43E-04	0.00245	0.0193
2088-01-01	62	2.18	0.0231	110	0.0462	0.0168	0.786	17.3	0.0107	5.82E-05	0.00224	1.62E-03	0.0482	0.037	6.05E-05	3.26E-05	2.41E-05	0.000413	0.00424	1.43E-04	0.00246	0.0194
2088-02-01	62	2.18	0.0231	110	0.0462	0.0168	0.789	17.3	0.0107	5.82E-05	0.00224	1.61E-03	0.0482	0.0371	6.05E-05	3.26E-05	2.41E-05	0.000414	0.00423	1.43E-04	0.00246	0.0194
2088-03-01	62	2.18	0.023	109	0.0463	0.0168	0.792	17.3	0.0107	5.82E-05	0.00223	1.61E-03	0.0481	0.0372	6.05E-05	3.26E-05	2.41E-05	0.000415	0.00423	1.43E-04	0.00247	0.0194
2088-04-01	62	2.18	0.023	109	0.0463	0.0168	0.794	17.3	0.0107	5.81E-05	0.00223	1.61E-03	0.0482	0.0374	6.04E-05	3.25E-05	2.41E-05	0.000416	0.00423	1.43E-04	0.00247	0.0194
2088-05-01	62	2.18	0.023	109	0.0462	0.0168	0.796	17.2	0.0106	5.80E-05	0.00223	1.61E-03	0.0483	0.0374	6.03E-05	3.25E-05	2.41E-05	0.000417	0.00422	1.43E-04	0.00247	0.0194
2088-06-01	62	2.17	0.0229	109	0.046	0.0167	0.796	17.2	0.0106	5.79E-05	0.00222	1.60E-03	0.0487	0.0374	6.01E-05	3.23E-05	2.42E-05	0.000417	0.0042	1.44E-04	0.00246	0.0194
2088-07-01	62	2.17	0.0228	109	0.0459	0.0167	0.797	17.1	0.0106	5.78E-05	0.00221	1.60E-03	0.049	0.0374	6.00E-05	3.22E-05	2.43E-05	0.000417	0.00419	1.44E-04	0.00246	0.0194
2088-08-01	62	2.17	0.0228	108	0.0458	0.0166	0.799	17.1	0.0106	5.77E-05	0.00221	1.59E-03	0.0493	0.0374	5.98E-05	3.22E-05	2.43E-05	0.000417	0.00418	1.45E-04	0.00246	0.0193
2088-09-01	62	2.16	0.0228	108	0.0458	0.0166	0.801	17.1	0.0105	5.76E-05	0.0022	1.59E-03	0.0494	0.0375	5.98E-05	3.21E-05	2.44E-05	0.000418	0.00417	1.45E-04	0.00247	0.0194
2088-10-01	62	2.16	0.0227	108	0.0457	0.0166	0.802	17.1	0.0105	5.76E-05	0.0022	1.59E-03	0.0496	0.0376	5.97E-05	3.20E-05	2.44E-05	0.000418	0.00416	1.45E-04	0.00247	0.0193
2088-11-01	62	2.16	0.0227	108	0.0457	0.0165	0.804															

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2090-12-01	64	2.12	0.0219	104	0.0445	0.0159	0.847	16.6	0.0102	5.59E-05	0.00211	1.51E-03	0.0527	0.0392	5.74E-05	3.07E-05	2.50E-05	0.000435	0.00398	1.50E-04	0.00249	0.0193
2091-01-01	65	2.12	0.0219	104	0.0445	0.0159	0.849	16.6	0.0102	5.58E-05	0.0021	1.51E-03	0.0527	0.0393	5.74E-05	3.07E-05	2.50E-05	0.000436	0.00398	1.50E-04	0.0025	0.0194
2091-02-01	65	2.12	0.0219	104	0.0446	0.0159	0.852	16.6	0.0102	5.58E-05	0.0021	1.51E-03	0.0527	0.0394	5.74E-05	3.06E-05	2.50E-05	0.000437	0.00398	1.50E-04	0.0025	0.0194
2091-03-01	65	2.12	0.0219	104	0.0446	0.0159	0.854	16.6	0.0102	5.58E-05	0.0021	1.51E-03	0.0526	0.0395	5.73E-05	3.06E-05	2.50E-05	0.000438	0.00398	1.50E-04	0.00251	0.0194
2091-04-01	65	2.12	0.0218	104	0.0446	0.0159	0.857	16.6	0.0102	5.57E-05	0.0021	1.51E-03	0.0527	0.0396	5.73E-05	3.06E-05	2.50E-05	0.000439	0.00397	1.50E-04	0.00251	0.0194
2091-05-01	65	2.12	0.0218	104	0.0445	0.0159	0.858	16.5	0.0101	5.57E-05	0.0021	1.51E-03	0.0528	0.0396	5.72E-05	3.05E-05	2.50E-05	0.000439	0.00397	1.50E-04	0.00251	0.0194
2091-06-01	65	2.12	0.0217	103	0.0444	0.0158	0.858	16.5	0.0101	5.55E-05	0.00209	1.50E-03	0.0531	0.0396	5.70E-05	3.04E-05	2.51E-05	0.000439	0.00395	1.51E-04	0.0025	0.0194
2091-07-01	65	2.11	0.0217	103	0.0443	0.0158	0.858	16.5	0.0101	5.54E-05	0.00208	1.50E-03	0.0534	0.0396	5.69E-05	3.03E-05	2.52E-05	0.000439	0.00394	1.51E-04	0.0025	0.0193
2091-08-01	65	2.11	0.0216	103	0.0442	0.0157	0.86	16.4	0.0101	5.54E-05	0.00208	1.49E-03	0.0536	0.0396	5.68E-05	3.03E-05	2.52E-05	0.00044	0.00393	1.52E-04	0.0025	0.0193
2091-09-01	65	2.11	0.0216	103	0.0442	0.0157	0.861	16.4	0.0101	5.53E-05	0.00208	1.49E-03	0.0538	0.0397	5.67E-05	3.02E-05	2.53E-05	0.000441	0.00393	1.52E-04	0.0025	0.0193
2091-10-01	65	2.11	0.0216	103	0.0441	0.0157	0.863	16.4	0.01	5.53E-05	0.00207	1.49E-03	0.0539	0.0397	5.66E-05	3.02E-05	2.53E-05	0.000441	0.00392	1.52E-04	0.0025	0.0193
2091-11-01	65	2.11	0.0215	102	0.0441	0.0157	0.864	16.4	0.01	5.52E-05	0.00207	1.48E-03	0.054	0.0398	5.65E-05	3.01E-05	2.53E-05	0.000442	0.00391	1.53E-04	0.00251	0.0193
2091-12-01	65	2.11	0.0215	102	0.044	0.0157	0.866	16.4	0.01	5.51E-05	0.00207	1.48E-03	0.0541	0.0398	5.65E-05	3.01E-05	2.53E-05	0.000442	0.00391	1.53E-04	0.00251	0.0193
2092-01-01	66	2.11	0.0215	102	0.044	0.0156	0.868	16.4	0.01	5.51E-05	0.00206	1.48E-03	0.0541	0.0399	5.64E-05	3.01E-05	2.53E-05	0.000443	0.0039	1.53E-04	0.00251	0.0194
2092-02-01	66	2.11	0.0215	102	0.044	0.0156	0.871	16.4	0.01	5.51E-05	0.00206	1.48E-03	0.054	0.04	5.64E-05	3.01E-05	2.53E-05	0.000444	0.0039	1.52E-04	0.00251	0.0194
2092-03-01	66	2.11	0.0215	102	0.044	0.0156	0.873	16.4	0.01	5.50E-05	0.00206	1.48E-03	0.054	0.0401	5.64E-05	3.00E-05	2.53E-05	0.000445	0.0039	1.52E-04	0.00252	0.0194
2092-04-01	66	2.11	0.0215	102	0.044	0.0156	0.875	16.4	0.01	5.50E-05	0.00206	1.48E-03	0.054	0.0402	5.64E-05	3.00E-05	2.53E-05	0.000446	0.0039	1.52E-04	0.00252	0.0194
2092-05-01	66	2.1	0.0214	102	0.044	0.0156	0.876	16.3	0.00999	5.49E-05	0.00206	1.47E-03	0.0542	0.0403	5.63E-05	3.00E-05	2.53E-05	0.000447	0.00389	1.53E-04	0.00252	0.0194
2092-06-01	66	2.1	0.0214	102	0.0438	0.0155	0.876	16.3	0.00996	5.48E-05	0.00205	1.47E-03	0.0545	0.0402	5.61E-05	2.98E-05	2.54E-05	0.000447	0.00387	1.53E-04	0.00252	0.0194
2092-07-01	66	2.1	0.0213	101	0.0438	0.0155	0.877	16.2	0.00993	5.47E-05	0.00204	1.46E-03	0.0548	0.0402	5.60E-05	2.98E-05	2.55E-05	0.000447	0.00386	1.54E-04	0.00252	0.0193
2092-08-01	66	2.09	0.0213	101	0.0437	0.0155	0.878	16.2	0.00991	5.47E-05	0.00204	1.46E-03	0.055	0.0403	5.59E-05	2.97E-05	2.55E-05	0.000448	0.00386	1.54E-04	0.00252	0.0193
2092-09-01	66	2.09	0.0213	101	0.0437	0.0155	0.88	16.2	0.0099	5.46E-05	0.00204	1.46E-03	0.0551	0.0403	5.58E-05	2.97E-05	2.55E-05	0.000448	0.00385	1.54E-04	0.00252	0.0193
2092-10-01	66	2.09	0.0212	101	0.0436	0.0154	0.881	16.2	0.00989	5.45E-05	0.00203	1.46E-03	0.0553	0.0404	5.57E-05	2.96E-05	2.56E-05	0.000449	0.00384	1.54E-04	0.00252	0.0193
2092-11-01	66	2.09	0.0212	101	0.0436	0.0154	0.883	16.2	0.00987	5.45E-05	0.00203	1.45E-03	0.0554	0.0404	5.56E-05	2.96E-05	2.56E-05	0.000449	0.00384	1.55E-04	0.00252	0.0193
2092-12-01	66	2.09	0.0212	101	0.0435	0.0154	0.884	16.2	0.00986	5.44E-05	0.00203	1.45E-03	0.0554	0.0405	5.56E-05	2.95E-05	2.56E-05	0.00045	0.00383	1.55E-04	0.00252	0.0193
2093-01-01	67	2.09	0.0212	101	0.0435	0.0154	0.887	16.2	0.00986	5.44E-05	0.00202	1.45E-03	0.0554	0.0406	5.55E-05	2.95E-05	2.56E-05	0.000451	0.00383	1.55E-04	0.00252	0.0194
2093-02-01	67	2.09	0.0212	101	0.0435	0.0154	0.889	16.2	0.00986	5.44E-05	0.00202	1.45E-03	0.0554	0.0407	5.55E-05	2.95E-05	2.56E-05	0.000452	0.00383	1.55E-04	0.00253	0.0194
2093-03-01	67	2.09	0.0211	101	0.0436	0.0154	0.891	16.2	0.00986	5.43E-05	0.00202	1.45E-03	0.0554	0.0408	5.55E-05	2.95E-05	2.56E-05	0.000453	0.00383	1.55E-04	0.00253	0.0194
2093-04-01	67	2.09	0.0211	101	0.0436	0.0154	0.893	16.2	0.00986	5.43E-05	0.00202	1.45E-03	0.0554	0.0409	5.54E-05	2.95E-05	2.56E-05	0.000454	0.00382	1.55E-04	0.00253	0.0194
2093-05-01	67	2.09	0.0211	100	0.0435	0.0153	0.894	16.1	0.00984	5.42E-05	0.00202	1.44E-03	0.0555	0.0409	5.53E-05	2.94E-05	2.56E-05	0.000455	0.00381	1.55E-04	0.00253	0.0194
2093-06-01	67	2.08	0.021	100	0.0434	0.0153	0.894	16.1	0.00981	5.41E-05	0.00201	1.44E-03	0.0558	0.0409	5.52E-05	2.93E-05	2.57E-05	0.000455	0.0038	1.55E-04	0.00253	0.0194
2093-07-01	67	2.08	0.021	99.7	0.0433	0.0152	0.895	16	0.00979	5.40E-05	0.00201	1.44E-03	0.0561	0.0409	5.51E-05	2.92E-05	2.57E-05	0.000455	0.00379	1.56E-04	0.00253	0.0193
2093-08-01	67	2.08	0.0209	99.6	0.0432	0.0152	0.896	16	0.00977	5.40E-05	0.002	1.43E-03	0.0563	0.0409	5.50E-05	2.92E-05	2.58E-05	0.000455	0.00378	1.56E-04	0.00253	0.0193
2093-09-01	67	2.08	0.0209	99.4	0.0432	0.0152	0.897	16	0.00976	5.39E-05	0.002	1.43E-03	0.0564	0.041	5.49E-05	2.91E-05	2.58E-05	0.000456	0.00378	1.56E-04	0.00253	0.0193
2093-10-01	67	2.07	0.0209	99.3	0.0431	0.0152	0.899	16	0.00974	5.39E-05	0.00199	1.43E-03	0.0565	0.041	5.48E-05	2.91E-05	2.58E-05	0.000457	0.00377	1.57E-04	0.00253	0.0193
2093-11-01	67	2.07	0.0209	99.1	0.0431	0.0152	0.9	16	0.00973	5.38E-05	0.00199	1.42E-03	0.0566	0.041	5.47E-05	2.90E-05	2.58E-05	0.000457	0.00376	1.57E-04	0.00253	0.0193
2093-12-01	67	2.07	0.0208	99	0.0431	0.0151	0.902	16	0.00972	5.38E-05	0.00199	1.42E-03	0.0567	0.0411	5.47E-05	2.90E-05	2.58E-05	0.000458	0.00376	1.57E-04	0.00253	0.0193
2094-01-01	68	2.07	0.0208	99	0.0431	0.0151	0.904	16	0.00972	5.37E-05	0.00199	1.42E-03	0.0567	0.0412	5.47E-05	2.90E-05	2.58E-05	0.000459	0.00376	1.57E-04	0.00253	0.0193
2094-02-01	68	2.07	0.0208	99	0.0431	0.0151	0.906	16	0.00972	5.37E-05	0.00199	1.42E-03	0.0566	0.0413	5.46E-05	2.89E-05	2.58E-05	0.00046	0.00376	1.57E-04	0.00254	0.0194
2094-03-01	68	2.07	0.0208	99	0.0431	0.0151	0.908	16	0.00972	5.37E-05	0.00199	1.42E-03	0.0566	0.0414	5.46E-05	2.89E-05	2.58E-05	0.000461	0.00375	1.57E-04	0.00254	0.0194
2094-04-01	68	2.07	0.0208	98.9	0.0431	0.0151	0.91	16	0.00972	5.36E-05	0.00198	1.42E-03	0.0566	0.0415	5.46E-05	2.89E-05	2.58E-05	0.000462	0.00375	1.57E-04	0.00254	0.0194
2094-05-01	68	2.07	0.0208	98.7	0.043	0.0151	0.911	15.9	0.0097	5.36E-05	0.00198	1.42E-03	0.0568	0.0415	5.45E-05	2.89E-05	2.58E-05	0.000462	0.00374	1.57E-04	0.00254	0.0194
2094-06-01	68	2.07	0.0207	98.4	0.0429	0.015	0.911	15.9	0.00967	5.35E-05	0.00197	1.41E-03	0.0571	0.0415	5.43E-05	2.88E-05	2.59E-05	0.000462	0.00373	1.57E-04	0.00254	0.0194
2094-07-01	68	2.06	0.0207	98.2	0.0428	0.015	0.912	15.9	0.00965	5.34E-05	0.00197	1.41E-03	0.0573	0.0415	5.42E-05	2.87E-05	2.60E-05	0.000463	0.00372	1.58E-04	0.00254	0.0193
2094-08-01	68	2.06	0.0206	98	0.0428	0.015	0.913	15.8	0.00963	5.33E-0												

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2096-09-01	70	2.03	0.02	95	0.0419	0.0145	0.946	15.5	0.00936	5.21E-05	0.00189	1.35E-03	0.06	0.0427	5.24E-05	2.76E-05	2.65E-05	0.00048	0.00358	1.62E-04	0.00256	0.0193
2096-10-01	70	2.03	0.02	94.9	0.0418	0.0145	0.947	15.5	0.00935	5.20E-05	0.00189	1.35E-03	0.0601	0.0427	5.24E-05	2.76E-05	2.65E-05	0.00048	0.00357	1.62E-04	0.00256	0.0193
2096-11-01	70	2.03	0.0199	94.8	0.0418	0.0144	0.948	15.4	0.00934	5.19E-05	0.00189	1.34E-03	0.0602	0.0428	5.23E-05	2.75E-05	2.65E-05	0.000481	0.00357	1.62E-04	0.00256	0.0193
2096-12-01	70	2.03	0.0199	94.7	0.0418	0.0144	0.949	15.4	0.00933	5.19E-05	0.00189	1.34E-03	0.0602	0.0428	5.22E-05	2.75E-05	2.65E-05	0.000482	0.00356	1.62E-04	0.00256	0.0193
2097-01-01	71	2.03	0.0199	94.7	0.0418	0.0144	0.951	15.4	0.00933	5.19E-05	0.00188	1.34E-03	0.0602	0.0429	5.22E-05	2.75E-05	2.65E-05	0.000483	0.00356	1.62E-04	0.00256	0.0193
2097-02-01	71	2.03	0.0199	94.6	0.0418	0.0144	0.953	15.4	0.00933	5.19E-05	0.00188	1.34E-03	0.0602	0.043	5.22E-05	2.74E-05	2.65E-05	0.000484	0.00356	1.62E-04	0.00257	0.0193
2097-03-01	71	2.03	0.0199	94.6	0.0418	0.0144	0.955	15.4	0.00933	5.18E-05	0.00188	1.34E-03	0.0602	0.0431	5.22E-05	2.74E-05	2.65E-05	0.000485	0.00356	1.62E-04	0.00257	0.0194
2097-04-01	71	2.03	0.0199	94.6	0.0418	0.0144	0.957	15.4	0.00933	5.18E-05	0.00188	1.34E-03	0.0602	0.0432	5.21E-05	2.74E-05	2.65E-05	0.000486	0.00355	1.62E-04	0.00257	0.0194
2097-05-01	71	2.03	0.0199	94.4	0.0418	0.0144	0.958	15.4	0.00931	5.17E-05	0.00188	1.34E-03	0.0603	0.0432	5.21E-05	2.74E-05	2.65E-05	0.000486	0.00355	1.62E-04	0.00257	0.0194
2097-06-01	71	2.02	0.0198	94.1	0.0416	0.0143	0.958	15.4	0.00928	5.16E-05	0.00187	1.33E-03	0.0606	0.0432	5.19E-05	2.73E-05	2.66E-05	0.000486	0.00354	1.63E-04	0.00257	0.0193
2097-07-01	71	2.02	0.0198	93.9	0.0416	0.0143	0.958	15.3	0.00926	5.16E-05	0.00187	1.33E-03	0.0608	0.0431	5.18E-05	2.72E-05	2.66E-05	0.000486	0.00353	1.63E-04	0.00257	0.0193
2097-08-01	71	2.02	0.0197	93.8	0.0415	0.0143	0.959	15.3	0.00925	5.15E-05	0.00186	1.33E-03	0.061	0.0432	5.17E-05	2.72E-05	2.67E-05	0.000487	0.00352	1.64E-04	0.00257	0.0193
2097-09-01	71	2.02	0.0197	93.7	0.0415	0.0143	0.96	15.3	0.00924	5.15E-05	0.00186	1.32E-03	0.0611	0.0432	5.17E-05	2.71E-05	2.67E-05	0.000488	0.00352	1.64E-04	0.00257	0.0193
2097-10-01	71	2.02	0.0197	93.5	0.0415	0.0143	0.961	15.3	0.00923	5.14E-05	0.00186	1.32E-03	0.0612	0.0433	5.16E-05	2.71E-05	2.67E-05	0.000488	0.00351	1.64E-04	0.00257	0.0193
2097-11-01	71	2.02	0.0196	93.4	0.0414	0.0142	0.962	15.3	0.00921	5.14E-05	0.00186	1.32E-03	0.0613	0.0433	5.15E-05	2.70E-05	2.67E-05	0.000489	0.0035	1.64E-04	0.00257	0.0193
2097-12-01	71	2.01	0.0196	93.3	0.0414	0.0142	0.964	15.3	0.00921	5.13E-05	0.00185	1.32E-03	0.0613	0.0433	5.15E-05	2.70E-05	2.67E-05	0.00049	0.0035	1.64E-04	0.00257	0.0193
2098-01-01	72	2.02	0.0196	93.3	0.0414	0.0142	0.966	15.3	0.00921	5.13E-05	0.00185	1.32E-03	0.0613	0.0434	5.15E-05	2.70E-05	2.67E-05	0.000491	0.0035	1.64E-04	0.00257	0.0193
2098-02-01	72	2.02	0.0196	93.3	0.0414	0.0142	0.968	15.3	0.00921	5.13E-05	0.00185	1.32E-03	0.0613	0.0435	5.14E-05	2.70E-05	2.67E-05	0.000492	0.0035	1.64E-04	0.00258	0.0193
2098-03-01	72	2.02	0.0196	93.3	0.0414	0.0142	0.97	15.3	0.00921	5.13E-05	0.00185	1.32E-03	0.0613	0.0436	5.14E-05	2.70E-05	2.67E-05	0.000493	0.0035	1.64E-04	0.00258	0.0193
2098-04-01	72	2.02	0.0196	93.3	0.0414	0.0142	0.972	15.3	0.0092	5.12E-05	0.00185	1.32E-03	0.0613	0.0437	5.14E-05	2.70E-05	2.67E-05	0.000494	0.00349	1.64E-04	0.00258	0.0194
2098-05-01	72	2.01	0.0196	93.1	0.0414	0.0142	0.972	15.2	0.00919	5.12E-05	0.00185	1.31E-03	0.0614	0.0437	5.13E-05	2.69E-05	2.67E-05	0.000494	0.00349	1.64E-04	0.00258	0.0193
2098-06-01	72	2.01	0.0195	92.8	0.0413	0.0141	0.972	15.2	0.00916	5.11E-05	0.00184	1.31E-03	0.0616	0.0437	5.12E-05	2.68E-05	2.68E-05	0.000494	0.00348	1.65E-04	0.00258	0.0193
2098-07-01	72	2.01	0.0195	92.6	0.0412	0.0141	0.972	15.2	0.00914	5.10E-05	0.00184	1.30E-03	0.0619	0.0437	5.11E-05	2.68E-05	2.68E-05	0.000494	0.00347	1.65E-04	0.00258	0.0193
2098-08-01	72	2.01	0.0194	92.5	0.0411	0.0141	0.973	15.2	0.00913	5.10E-05	0.00183	1.30E-03	0.062	0.0437	5.10E-05	2.67E-05	2.69E-05	0.000495	0.00346	1.65E-04	0.00258	0.0193
2098-09-01	72	2.01	0.0194	92.4	0.0411	0.0141	0.974	15.1	0.00912	5.09E-05	0.00183	1.30E-03	0.0621	0.0437	5.10E-05	2.67E-05	2.69E-05	0.000496	0.00346	1.65E-04	0.00258	0.0193
2098-10-01	72	2	0.0194	92.2	0.0411	0.014	0.975	15.1	0.00911	5.09E-05	0.00183	1.30E-03	0.0623	0.0438	5.09E-05	2.66E-05	2.69E-05	0.000496	0.00345	1.66E-04	0.00258	0.0193
2098-11-01	72	2	0.0194	92.1	0.041	0.014	0.976	15.1	0.0091	5.08E-05	0.00183	1.30E-03	0.0623	0.0438	5.08E-05	2.66E-05	2.69E-05	0.000497	0.00345	1.66E-04	0.00258	0.0193
2098-12-01	72	2	0.0194	92.1	0.041	0.014	0.978	15.1	0.00909	5.08E-05	0.00182	1.29E-03	0.0624	0.0438	5.08E-05	2.66E-05	2.69E-05	0.000498	0.00344	1.66E-04	0.00258	0.0193

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2102-06-01	76	1.96	0.0185	88	0.0399	0.0134	1.02	14.6	0.00873	4.90E-05	0.00173	1.22E-03	0.0656	0.0455	4.85E-05	2.52E-05	2.75E-05	0.000527	0.00326	1.71E-04	0.00261	0.0193
2102-07-01	76	1.96	0.0185	87.8	0.0398	0.0133	1.02	14.6	0.00871	4.90E-05	0.00172	1.22E-03	0.0658	0.0455	4.84E-05	2.51E-05	2.75E-05	0.000527	0.00325	1.71E-04	0.00261	0.0192
2102-08-01	76	1.96	0.0184	87.7	0.0398	0.0133	1.02	14.6	0.0087	4.89E-05	0.00172	1.21E-03	0.066	0.0455	4.83E-05	2.51E-05	2.76E-05	0.000528	0.00324	1.72E-04	0.00261	0.0192
2102-09-01	76	1.96	0.0184	87.6	0.0398	0.0133	1.02	14.6	0.00869	4.89E-05	0.00172	1.21E-03	0.0661	0.0456	4.83E-05	2.50E-05	2.76E-05	0.000528	0.00324	1.72E-04	0.00261	0.0192
2102-10-01	76	1.96	0.0184	87.5	0.0397	0.0133	1.03	14.6	0.00868	4.89E-05	0.00172	1.21E-03	0.0662	0.0456	4.82E-05	2.50E-05	2.76E-05	0.000529	0.00324	1.72E-04	0.00261	0.0192
2102-11-01	76	1.95	0.0184	87.4	0.0397	0.0133	1.03	14.5	0.00867	4.88E-05	0.00171	1.21E-03	0.0662	0.0456	4.82E-05	2.50E-05	2.76E-05	0.00053	0.00323	1.72E-04	0.00261	0.0192
2102-12-01	76	1.95	0.0184	87.3	0.0397	0.0133	1.03	14.5	0.00866	4.88E-05	0.00171	1.21E-03	0.0663	0.0457	4.81E-05	2.49E-05	2.76E-05	0.00053	0.00323	1.72E-04	0.00261	0.0192
2103-01-01	77	1.95	0.0183	87.3	0.0397	0.0132	1.03	14.5	0.00866	4.87E-05	0.00171	1.21E-03	0.0662	0.0458	4.81E-05	2.49E-05	2.76E-05	0.000531	0.00323	1.72E-04	0.00261	0.0192
2103-02-01	77	1.96	0.0183	87.3	0.0397	0.0132	1.03	14.5	0.00866	4.87E-05	0.00171	1.21E-03	0.0662	0.0458	4.81E-05	2.49E-05	2.76E-05	0.000533	0.00322	1.72E-04	0.00262	0.0193
2103-03-01	77	1.96	0.0183	87.3	0.0397	0.0132	1.03	14.5	0.00866	4.87E-05	0.00171	1.21E-03	0.0662	0.0459	4.81E-05	2.49E-05	2.76E-05	0.000534	0.00322	1.72E-04	0.00262	0.0193
2103-04-01	77	1.96	0.0183	87.3	0.0397	0.0132	1.03	14.5	0.00866	4.87E-05	0.00171	1.21E-03	0.0662	0.046	4.80E-05	2.49E-05	2.76E-05	0.000535	0.00322	1.72E-04	0.00262	0.0193
2103-05-01	77	1.95	0.0183	87.1	0.0397	0.0132	1.04	14.5	0.00865	4.86E-05	0.00171	1.20E-03	0.0663	0.046	4.80E-05	2.49E-05	2.76E-05	0.000535	0.00322	1.72E-04	0.00262	0.0193
2103-06-01	77	1.95	0.0183	86.9	0.0396	0.0132	1.03	14.5	0.00863	4.86E-05	0.0017	1.20E-03	0.0665	0.0459	4.79E-05	2.48E-05	2.76E-05	0.000535	0.00321	1.72E-04	0.00262	0.0193
2103-07-01	77	1.95	0.0182	86.7	0.0395	0.0132	1.03	14.5	0.00861	4.85E-05	0.0017	1.20E-03	0.0667	0.0459	4.78E-05	2.47E-05	2.77E-05	0.000535	0.0032	1.73E-04	0.00262	0.0192
2103-08-01	77	1.95	0.0182	86.6	0.0395	0.0131	1.04	14.4	0.0086	4.85E-05	0.00169	1.19E-03	0.0669	0.0459	4.77E-05	2.47E-05	2.77E-05	0.000536	0.00319	1.73E-04	0.00262	0.0192
2103-09-01	77	1.95	0.0182	86.5	0.0394	0.0131	1.04	14.4	0.00859	4.84E-05	0.00169	1.19E-03	0.067	0.046	4.77E-05	2.47E-05	2.77E-05	0.000537	0.00319	1.73E-04	0.00262	0.0192
2103-10-01	77	1.94	0.0182	86.4	0.0394	0.0131	1.04	14.4	0.00858	4.84E-05	0.00169	1.19E-03	0.0671	0.046	4.76E-05	2.46E-05	2.78E-05	0.000537	0.00319	1.73E-04	0.00262	0.0192
2103-11-01	77	1.94	0.0181	86.3	0.0394	0.0131	1.04	14.4	0.00857	4.83E-05	0.00169	1.19E-03	0.0671	0.046	4.76E-05	2.46E-05	2.78E-05	0.000538	0.00318	1.73E-04	0.00262	0.0192
2103-12-01	77	1.94	0.0181	86.3	0.0394	0.0131	1.04	14.4	0.00857	4.83E-05	0.00169	1.19E-03	0.0672	0.0461	4.75E-05	2.46E-05	2.78E-05	0.000539	0.00318	1.73E-04	0.00262	0.0192
2104-01-01	78	1.94	0.0181	86.2	0.0394	0.0131	1.04	14.4	0.00857	4.83E-05	0.00168	1.19E-03	0.0671	0.0462	4.75E-05	2.46E-05	2.78E-05	0.00054	0.00318	1.73E-04	0.00262	0.0192
2104-02-01	78	1.94	0.0181	86.2	0.0394	0.0131	1.04	14.4	0.00857	4.83E-05	0.00168	1.19E-03	0.0671	0.0462	4.75E-05	2.45E-05	2.78E-05	0.000541	0.00318	1.73E-04	0.00262	0.0193
2104-03-01	78	1.94	0.0181	86.2	0.0394	0.0131	1.04	14.4	0.00857	4.83E-05	0.00168	1.19E-03	0.0671	0.0463	4.75E-05	2.45E-05	2.77E-05	0.000542	0.00317	1.73E-04	0.00263	0.0193
2104-04-01	78	1.95	0.0181	86.2	0.0394	0.0131	1.05	14.4	0.00857	4.82E-05	0.00168	1.19E-03	0.0671	0.0464	4.74E-05	2.45E-05	2.77E-05	0.000543	0.00317	1.73E-04	0.00263	0.0193
2104-05-01	78	1.94	0.0181	86.1	0.0394	0.013	1.05	14.4	0.00855	4.82E-05	0.00168	1.18E-03	0.0672	0.0464	4.74E-05	2.45E-05	2.78E-05	0.000543	0.00317	1.73E-04	0.00263	0.0193
2104-06-01	78	1.94	0.018	85.8	0.0393	0.013	1.05	14.4	0.00853	4.81E-05	0.00168	1.18E-03	0.0674	0.0464	4.73E-05	2.44E-05	2.78E-05	0.000543	0.00316	1.74E-04	0.00263	0.0192
2104-07-01	78	1.94	0.018	85.7	0.0392	0.013	1.05	14.3	0.00851	4.81E-05	0.00167	1.18E-03	0.0676	0.0463	4.72E-05	2.44E-05	2.78E-05	0.000544	0.00315	1.74E-04	0.00262	0.0192
2104-08-01	78	1.94	0.018	85.5	0.0392	0.013	1.05	14.3	0.0085	4.80E-05	0.00167	1.17E-03	0.0677	0.0464	4.71E-05	2.43E-05	2.79E-05	0.000544	0.00315	1.74E-04	0.00262	0.0192
2104-09-01	78	1.94	0.018	85.5	0.0392	0.013	1.05	14.3	0.0085	4.80E-05	0.00167	1.17E-03	0.0678	0.0464	4.71E-05	2.43E-05	2.79E-05	0.000545	0.00314	1.75E-04	0.00262	0.0192
2104-10-01	78	1.93	0.0179	85.4	0.0391	0.0129	1.05	14.3	0.00849	4.79E-05	0.00166	1.17E-03	0.0679	0.0464	4.70E-05	2.43E-05	2.79E-05	0.000545	0.00314	1.75E-04	0.00262	0.0192
2104-11-01	78	1.93	0.0179	85.3	0.0391	0.0129	1.05	14.3	0.00848	4.79E-05	0.00166	1.17E-03	0.068	0.0464	4.70E-05	2.42E-05	2.79E-05	0.000546	0.00313	1.75E-04	0.00262	0.0192
2104-12-01	78	1.93	0.0179	85.2	0.0391	0.0129	1.05	14.3	0.00847	4.79E-05	0.00166	1.17E-03	0.068	0.0465	4.69E-05	2.42E-05	2.79E-05	0.000547	0.00313	1.75E-04	0.00263	0.0192
2105-01-01	79	1.93	0.0179	85.2	0.0391	0.0129	1.05	14.3	0.00847	4.78E-05	0.00166	1.17E-03	0.068	0.0466	4.69E-05	2.42E-05	2.79E-05	0.000548	0.00313	1.75E-04	0.00263	0.0192
2105-02-01	79	1.93	0.0179	85.2	0.0391	0.0129	1.05	14.3	0.00847	4.78E-05	0.00166	1.17E-03	0.068	0.0466	4.69E-05	2.42E-05	2.79E-05	0.000549	0.00313	1.75E-04	0.00263	0.0192
2105-03-01	79	1.93	0.0179	85.2	0.0391	0.0129	1.05	14.3	0.00847	4.78E-05	0.00166	1.17E-03	0.068	0.0467	4.69E-05	2.42E-05	2.79E-05	0.00055	0.00313	1.75E-04	0.00263	0.0193
2105-04-01	79	1.93	0.0179	85.1	0.0391	0.0129	1.06	14.3	0.00847	4.78E-05	0.00166	1.17E-03	0.068	0.0468	4.68E-05	2.42E-05	2.79E-05	0.000551	0.00313	1.75E-04	0.00264	0.0193
2105-05-01	79	1.93	0.0179	85	0.0391	0.0129	1.06	14.3	0.00846	4.77E-05	0.00166	1.16E-03	0.0681	0.0468	4.68E-05	2.41E-05	2.79E-05	0.000552	0.00312	1.75E-04	0.00264	0.0193
2105-06-01	79	1.93	0.0178	84.8	0.039	0.0128	1.06	14.2	0.00844	4.77E-05	0.00165	1.16E-03	0.0683	0.0467	4.67E-05	2.41E-05	2.79E-05	0.000552	0.00311	1.75E-04	0.00263	0.0192
2105-07-01	79	1.93	0.0178	84.6	0.0389	0.0128	1.06	14.2	0.00842	4.76E-05	0.00165	1.16E-03	0.0684	0.0467	4.66E-05	2.40E-05	2.80E-05	0.000552	0.00311	1.76E-04	0.00263	0.0192
2105-08-01	79	1.93	0.0178	84.5	0.0389	0.0128	1.06	14.2	0.00841	4.76E-05	0.00164	1.16E-03	0.0686	0.0467	4.65E-05	2.40E-05	2.80E-05	0.000552	0.0031	1.76E-04	0.00263	0.0192
2105-09-01	79	1.92	0.0177	84.5	0.0389	0.0128	1.06	14.2	0.0084	4.76E-05	0.00164	1.15E-03	0.0687	0.0468	4.65E-05	2.40E-05	2.80E-05	0.000553	0.0031	1.76E-04	0.00263	0.0192
2105-10-01	79	1.92	0.0177	84.4	0.0388	0.0128	1.06	14.2	0.00839	4.75E-05	0.00164	1.15E-03	0.0688	0.0468	4.64E-05	2.39E-05	2.80E-05	0.000554	0.00309	1.76E-04	0.00263	0.0192
2105-11-01	79	1.92	0.0177	84.3	0.0388	0.0128	1.06	14.2	0.00839	4.75E-05	0.00164	1.15E-03	0.0688	0.0468	4.64E-05	2.39E-05	2.81E-05	0.000554	0.00309	1.76E-04	0.00263	0.0192
2105-12-01	79	1.92	0.0177	84.2	0.0388	0.0127	1.06	14.2	0.00838	4.74E-05	0.00164	1.15E-03	0.0689	0.0469	4.64E-05	2.39E-05	2.81E-05	0.000555	0.00309	1.76E-04	0.00263	0.0192
2106-01-01	80	1.92	0.0177	84.2	0.0388	0.0127	1.06	14.2	0.00838	4.74E-05	0.00164	1.15E-03	0.0688	0.0469	4.63E-05	2.39E-05	2.80E-05	0.000556	0.00308	1.76E-04	0.00264	0.0192
2106-02-01	80	1.92	0.0177	84.2																		

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2108-03-01	82	1.9	0.0173	82.2	0.0383	0.0124	1.08	13.9	0.00821	4.66E-05	0.00159	1.11E-03	0.0704	0.0478	4.52E-05	2.32E-05	2.83E-05	0.000575	0.00299	1.79E-04	0.00265	0.0192
2108-04-01	82	1.91	0.0173	82.2	0.0383	0.0124	1.09	13.9	0.00821	4.66E-05	0.00159	1.11E-03	0.0704	0.0479	4.52E-05	2.32E-05	2.83E-05	0.000576	0.00299	1.79E-04	0.00265	0.0192
2108-05-01	82	1.9	0.0172	82.1	0.0383	0.0124	1.09	13.9	0.0082	4.65E-05	0.00159	1.11E-03	0.0705	0.0479	4.51E-05	2.31E-05	2.83E-05	0.000577	0.00299	1.79E-04	0.00265	0.0192
2108-06-01	82	1.9	0.0172	81.9	0.0382	0.0124	1.09	13.9	0.00818	4.64E-05	0.00158	1.11E-03	0.0707	0.0478	4.50E-05	2.31E-05	2.83E-05	0.000577	0.00298	1.79E-04	0.00265	0.0192
2108-07-01	82	1.9	0.0172	81.8	0.0381	0.0124	1.09	13.9	0.00816	4.64E-05	0.00158	1.11E-03	0.0708	0.0478	4.50E-05	2.30E-05	2.84E-05	0.000577	0.00298	1.79E-04	0.00265	0.0192
2108-08-01	82	1.9	0.0172	81.7	0.0381	0.0123	1.09	13.9	0.00815	4.64E-05	0.00158	1.10E-03	0.071	0.0478	4.49E-05	2.30E-05	2.84E-05	0.000577	0.00297	1.80E-04	0.00265	0.0192
2108-09-01	82	1.9	0.0171	81.6	0.0381	0.0123	1.09	13.9	0.00814	4.63E-05	0.00157	1.10E-03	0.0711	0.0479	4.49E-05	2.30E-05	2.84E-05	0.000578	0.00297	1.80E-04	0.00265	0.0192
2108-10-01	82	1.89	0.0171	81.5	0.038	0.0123	1.09	13.8	0.00814	4.63E-05	0.00157	1.10E-03	0.0712	0.0479	4.48E-05	2.29E-05	2.84E-05	0.000579	0.00296	1.80E-04	0.00265	0.0191
2108-11-01	82	1.89	0.0171	81.4	0.038	0.0123	1.09	13.8	0.00813	4.63E-05	0.00157	1.10E-03	0.0712	0.0479	4.48E-05	2.29E-05	2.84E-05	0.000579	0.00296	1.80E-04	0.00265	0.0191
2108-12-01	82	1.89	0.0171	81.4	0.038	0.0123	1.09	13.8	0.00812	4.62E-05	0.00157	1.10E-03	0.0712	0.048	4.48E-05	2.29E-05	2.84E-05	0.00058	0.00296	1.80E-04	0.00265	0.0191
2109-01-01	83	1.89	0.0171	81.3	0.038	0.0123	1.09	13.8	0.00812	4.62E-05	0.00157	1.10E-03	0.0712	0.048	4.47E-05	2.29E-05	2.84E-05	0.000581	0.00296	1.80E-04	0.00265	0.0192
2109-02-01	83	1.89	0.0171	81.3	0.038	0.0123	1.09	13.8	0.00812	4.62E-05	0.00157	1.10E-03	0.0712	0.0481	4.47E-05	2.29E-05	2.84E-05	0.000582	0.00295	1.80E-04	0.00266	0.0192
2109-03-01	83	1.9	0.0171	81.3	0.038	0.0123	1.09	13.8	0.00812	4.62E-05	0.00157	1.10E-03	0.0712	0.0482	4.47E-05	2.29E-05	2.84E-05	0.000583	0.00295	1.80E-04	0.00266	0.0192
2109-04-01	83	1.9	0.0171	81.3	0.038	0.0123	1.1	13.8	0.00812	4.62E-05	0.00157	1.10E-03	0.0712	0.0482	4.47E-05	2.28E-05	2.84E-05	0.000585	0.00295	1.80E-04	0.00266	0.0192
2109-05-01	83	1.89	0.017	81.2	0.038	0.0123	1.1	13.8	0.00811	4.61E-05	0.00156	1.09E-03	0.0713	0.0482	4.46E-05	2.28E-05	2.84E-05	0.000585	0.00295	1.80E-04	0.00266	0.0192
2109-06-01	83	1.89	0.017	81	0.0379	0.0122	1.09	13.8	0.00809	4.61E-05	0.00156	1.09E-03	0.0714	0.0482	4.45E-05	2.28E-05	2.85E-05	0.000585	0.00294	1.80E-04	0.00266	0.0192
2109-07-01	83	1.89	0.017	80.9	0.0379	0.0122	1.09	13.8	0.00808	4.60E-05	0.00156	1.09E-03	0.0716	0.0482	4.45E-05	2.27E-05	2.85E-05	0.000585	0.00293	1.81E-04	0.00266	0.0191
2109-08-01	83	1.89	0.017	80.8	0.0378	0.0122	1.1	13.8	0.00807	4.60E-05	0.00156	1.09E-03	0.0717	0.0482	4.44E-05	2.27E-05	2.85E-05	0.000586	0.00293	1.81E-04	0.00265	0.0191
2109-09-01	83	1.89	0.0169	80.7	0.0378	0.0122	1.1	13.8	0.00806	4.60E-05	0.00155	1.09E-03	0.0718	0.0482	4.44E-05	2.27E-05	2.85E-05	0.000587	0.00293	1.81E-04	0.00266	0.0191
2109-10-01	83	1.89	0.0169	80.6	0.0378	0.0122	1.1	13.7	0.00806	4.59E-05	0.00155	1.08E-03	0.0719	0.0482	4.43E-05	2.26E-05	2.85E-05	0.000587	0.00292	1.81E-04	0.00266	0.0191
2109-11-01	83	1.88	0.0169	80.5	0.0378	0.0122	1.1	13.7	0.00805	4.59E-05	0.00155	1.08E-03	0.072	0.0482	4.43E-05	2.26E-05	2.86E-05	0.000588	0.00292	1.81E-04	0.00266	0.0191
2109-12-01	83	1.88	0.0169	80.5	0.0378	0.0121	1.1	13.7	0.00804	4.59E-05	0.00155	1.08E-03	0.072	0.0483	4.42E-05	2.26E-05	2.86E-05	0.000589	0.00292	1.81E-04	0.00266	0.0191
2110-01-01	84	1.89	0.0169	80.5	0.0378	0.0121	1.1	13.7	0.00804	4.58E-05	0.00155	1.08E-03	0.072	0.0484	4.42E-05	2.26E-05	2.85E-05	0.00059	0.00292	1.81E-04	0.00266	0.0191
2110-02-01	84	1.89	0.0169	80.4	0.0378	0.0121	1.1	13.7	0.00804	4.58E-05	0.00155	1.08E-03	0.0719	0.0484	4.42E-05	2.26E-05	2.85E-05	0.000591	0.00291	1.81E-04	0.00266	0.0192
2110-03-01	84	1.89	0.0169	80.4	0.0378	0.0121	1.1	13.7	0.00804	4.58E-05	0.00155	1.08E-03	0.0719	0.0485	4.42E-05	2.26E-05	2.85E-05	0.000592	0.00291	1.81E-04	0.00266	0.0192
2110-04-01	84	1.89	0.0169	80.4	0.0378	0.0121	1.1	13.7	0.00804	4.58E-05	0.00155	1.08E-03	0.0719	0.0485	4.42E-05	2.25E-05	2.85E-05	0.000593	0.00291	1.81E-04	0.00267	0.0192
2110-05-01	84	1.89	0.0169	80.3	0.0378	0.0121	1.1	13.7	0.00803	4.57E-05	0.00154	1.08E-03	0.072	0.0486	4.41E-05	2.25E-05	2.85E-05	0.000593	0.00291	1.81E-04	0.00267	0.0192
2110-06-01	84	1.88	0.0168	80.1	0.0377	0.0121	1.1	13.7	0.00801	4.57E-05	0.00154	1.08E-03	0.0722	0.0485	4.40E-05	2.25E-05	2.86E-05	0.000593	0.0029	1.82E-04	0.00266	0.0191
2110-07-01	84	1.88	0.0168	80	0.0376	0.0121	1.1	13.7	0.008	4.56E-05	0.00154	1.07E-03	0.0723	0.0485	4.40E-05	2.24E-05	2.86E-05	0.000594	0.00289	1.82E-04	0.00266	0.0191
2110-08-01	84	1.88	0.0168	79.9	0.0376	0.0121	1.1	13.7	0.00799	4.56E-05	0.00153	1.07E-03	0.0725	0.0485	4.39E-05	2.24E-05	2.86E-05	0.000594	0.00289	1.82E-04	0.00266	0.0191
2110-09-01	84	1.88	0.0168	79.8	0.0376	0.012	1.1	13.6	0.00798	4.56E-05	0.00153	1.07E-03	0.0726	0.0485	4.39E-05	2.24E-05	2.86E-05	0.000595	0.00289	1.82E-04	0.00266	0.0191
2110-10-01	84	1.88	0.0167	79.7	0.0376	0.012	1.11	13.6	0.00798	4.56E-05	0.00153	1.07E-03	0.0726	0.0485	4.38E-05	2.23E-05	2.87E-05	0.000596	0.00288	1.82E-04	0.00266	0.0191
2110-11-01	84	1.88	0.0167	79.7	0.0375	0.012	1.11	13.6	0.00797	4.55E-05	0.00153	1.07E-03	0.0727	0.0486	4.38E-05	2.23E-05	2.87E-05	0.000596	0.00288	1.82E-04	0.00266	0.0191
2110-12-01	84	1.88	0.0167	79.6	0.0375	0.012	1.11	13.6	0.00796	4.55E-05	0.00153	1.07E-03	0.0727	0.0486	4.38E-05	2.23E-05	2.87E-05	0.000597	0.00288	1.82E-04	0.00266	0.0191
2111-01-01	85	1.88	0.0167	79.6	0.0375	0.012	1.11	13.6	0.00796	4.55E-05	0.00153	1.07E-03	0.0727	0.0487	4.37E-05	2.23E-05	2.87E-05	0.000598	0.00288	1.82E-04	0.00266	0.0191
2111-02-01	85	1.88	0.0167	79.6	0.0376	0.012	1.11	13.6	0.00797	4.55E-05	0.00153	1.07E-03	0.0727	0.0487	4.37E-05	2.23E-05	2.86E-05	0.000599	0.00288	1.82E-04	0.00267	0.0191
2111-03-01	85	1.88	0.0167	79.6	0.0376	0.012	1.11	13.6	0.00797	4.54E-05	0.00153	1.06E-03	0.0726	0.0488	4.37E-05	2.23E-05	2.86E-05	0.0006	0.00287	1.82E-04	0.00267	0.0192
2111-04-01	85	1.88	0.0167	79.6	0.0376	0.012	1.11	13.6	0.00796	4.54E-05	0.00153	1.06E-03	0.0726	0.0489	4.37E-05	2.22E-05	2.86E-05	0.000601	0.00287	1.82E-04	0.00267	0.0192
2111-05-01	85	1.88	0.0167	79.5	0.0375	0.012	1.11	13.6	0.00795	4.54E-05	0.00152	1.06E-03	0.0727	0.0489	4.36E-05	2.22E-05	2.86E-05	0.000602	0.00287	1.82E-04	0.00267	0.0192
2111-06-01	85	1.87	0.0166	79.3	0.0375	0.012	1.11	13.6	0.00794	4.53E-05	0.00152	1.06E-03	0.0729	0.0488	4.36E-05	2.22E-05	2.87E-05	0.000602	0.00286	1.83E-04	0.00267	0.0191
2111-07-01	85	1.87	0.0166	79.1	0.0374	0.0119	1.1	13.6	0.00792	4.53E-05	0.00152	1.06E-03	0.0731	0.0488	4.35E-05	2.21E-05	2.87E-05	0.000602	0.00286	1.83E-04	0.00267	0.0191
2111-08-01	85	1.87	0.0166	79	0.0374	0.0119	1.11	13.6	0.00791	4.53E-05	0.00151	1.06E-03	0.0732	0.0488	4.34E-05	2.21E-05	2.87E-05	0.000603	0.00285	1.83E-04	0.00267	0.0191
2111-09-01	85	1.87	0.0166	79	0.0374	0.0119	1.11	13.5	0.00791	4.52E-05	0.00151	1.05E-03	0.0733	0.0488	4.34E-05	2.21E-05	2.88E-05	0.000603	0.00285	1.83E-04	0.00267	0.0191
2111-10-01	85	1.87	0.0166	78.9	0.0373	0.0119	1.11	13.5	0.0079	4.52E-05	0.00151	1.05E-03	0.0733	0.0489	4.34E-05	2.20E-05	2.88E-05	0.000604	0.00285	1.83E-04	0.00267	0.0191
2111-11-01	85	1.87	0.0166	78.8	0.0373	0.0119	1.11</															

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2113-12-01	87	1.85	0.0162	77.2	0.0369	0.0116	1.13	13.3	0.00774	4.45E-05	0.00147	1.02E-03	0.0748	0.0495	4.24E-05	2.14E-05	2.90E-05	0.000622	0.00277	1.86E-04	0.00268	0.0191
2114-01-01	88	1.85	0.0162	77.2	0.0369	0.0116	1.13	13.3	0.00774	4.44E-05	0.00147	1.02E-03	0.0747	0.0496	4.24E-05	2.14E-05	2.90E-05	0.000623	0.00277	1.86E-04	0.00268	0.0191
2114-02-01	88	1.85	0.0162	77.2	0.0369	0.0116	1.13	13.3	0.00774	4.44E-05	0.00147	1.02E-03	0.0747	0.0496	4.24E-05	2.14E-05	2.90E-05	0.000625	0.00277	1.86E-04	0.00268	0.0191
2114-03-01	88	1.85	0.0162	77.1	0.0369	0.0116	1.14	13.3	0.00774	4.44E-05	0.00147	1.02E-03	0.0747	0.0497	4.23E-05	2.14E-05	2.89E-05	0.000626	0.00276	1.86E-04	0.00268	0.0191
2114-04-01	88	1.85	0.0162	77.1	0.0369	0.0116	1.14	13.3	0.00774	4.44E-05	0.00147	1.02E-03	0.0747	0.0498	4.23E-05	2.14E-05	2.89E-05	0.000627	0.00276	1.86E-04	0.00269	0.0191
2114-05-01	88	1.85	0.0162	77	0.0369	0.0116	1.14	13.3	0.00774	4.44E-05	0.00147	1.02E-03	0.0748	0.0498	4.23E-05	2.14E-05	2.90E-05	0.000627	0.00276	1.86E-04	0.00269	0.0191
2114-06-01	88	1.85	0.0161	76.9	0.0368	0.0116	1.14	13.3	0.00772	4.43E-05	0.00146	1.02E-03	0.0749	0.0497	4.22E-05	2.13E-05	2.90E-05	0.000627	0.00275	1.86E-04	0.00268	0.0191
2114-07-01	88	1.85	0.0161	76.7	0.0368	0.0115	1.14	13.3	0.00771	4.43E-05	0.00146	1.01E-03	0.0751	0.0497	4.21E-05	2.13E-05	2.90E-05	0.000627	0.00275	1.86E-04	0.00268	0.0191
2114-08-01	88	1.85	0.0161	76.7	0.0368	0.0115	1.14	13.3	0.0077	4.42E-05	0.00146	1.01E-03	0.0752	0.0497	4.21E-05	2.13E-05	2.90E-05	0.000628	0.00274	1.86E-04	0.00268	0.0191
2114-09-01	88	1.85	0.0161	76.6	0.0367	0.0115	1.14	13.3	0.00769	4.42E-05	0.00146	1.01E-03	0.0753	0.0497	4.21E-05	2.13E-05	2.90E-05	0.000629	0.00274	1.87E-04	0.00268	0.0191
2114-10-01	88	1.84	0.0161	76.5	0.0367	0.0115	1.14	13.3	0.00768	4.42E-05	0.00145	1.01E-03	0.0754	0.0497	4.20E-05	2.12E-05	2.91E-05	0.000629	0.00274	1.87E-04	0.00268	0.019
2114-11-01	88	1.84	0.0161	76.5	0.0367	0.0115	1.14	13.3	0.00768	4.42E-05	0.00145	1.01E-03	0.0754	0.0498	4.20E-05	2.12E-05	2.91E-05	0.00063	0.00274	1.87E-04	0.00268	0.019
2114-12-01	88	1.84	0.016	76.4	0.0367	0.0115	1.14	13.3	0.00767	4.41E-05	0.00145	1.01E-03	0.0754	0.0498	4.20E-05	2.12E-05	2.91E-05	0.000631	0.00273	1.87E-04	0.00268	0.019
2115-01-01	89	1.84	0.016	76.4	0.0367	0.0115	1.14	13.3	0.00767	4.41E-05	0.00145	1.01E-03	0.0754	0.0499	4.19E-05	2.12E-05	2.91E-05	0.000632	0.00273	1.87E-04	0.00268	0.0191
2115-02-01	89	1.84	0.016	76.4	0.0367	0.0115	1.14	13.3	0.00768	4.41E-05	0.00145	1.01E-03	0.0754	0.0499	4.19E-05	2.12E-05	2.90E-05	0.000633	0.00273	1.87E-04	0.00269	0.0191
2115-03-01	89	1.85	0.016	76.4	0.0367	0.0115	1.14	13.3	0.00768	4.41E-05	0.00145	1.01E-03	0.0754	0.05	4.19E-05	2.12E-05	2.90E-05	0.000634	0.00273	1.87E-04	0.00269	0.0191
2115-04-01	89	1.85	0.016	76.4	0.0367	0.0115	1.14	13.3	0.00767	4.41E-05	0.00145	1.01E-03	0.0754	0.05	4.19E-05	2.12E-05	2.90E-05	0.000635	0.00273	1.87E-04	0.00269	0.0191
2115-05-01	89	1.84	0.016	76.3	0.0367	0.0115	1.14	13.2	0.00767	4.40E-05	0.00145	1.00E-03	0.0754	0.05	4.18E-05	2.11E-05	2.90E-05	0.000636	0.00273	1.87E-04	0.00269	0.0191
2115-06-01	89	1.84	0.016	76.1	0.0366	0.0114	1.14	13.2	0.00765	4.40E-05	0.00144	1.00E-03	0.0756	0.05	4.18E-05	2.11E-05	2.91E-05	0.000636	0.00272	1.87E-04	0.00269	0.0191
2115-07-01	89	1.84	0.016	76	0.0366	0.0114	1.14	13.2	0.00764	4.40E-05	0.00144	1.00E-03	0.0757	0.05	4.17E-05	2.10E-05	2.91E-05	0.000636	0.00271	1.87E-04	0.00269	0.019
2115-08-01	89	1.84	0.0159	75.9	0.0366	0.0114	1.14	13.2	0.00763	4.39E-05	0.00144	9.98E-04	0.0758	0.05	4.17E-05	2.10E-05	2.91E-05	0.000636	0.00271	1.87E-04	0.00269	0.019
2115-09-01	89	1.84	0.0159	75.9	0.0365	0.0114	1.14	13.2	0.00762	4.39E-05	0.00144	9.97E-04	0.0759	0.05	4.16E-05	2.10E-05	2.91E-05	0.000637	0.00271	1.88E-04	0.00269	0.019
2115-10-01	89	1.84	0.0159	75.8	0.0365	0.0114	1.14	13.2	0.00762	4.39E-05	0.00144	9.96E-04	0.076	0.05	4.16E-05	2.10E-05	2.91E-05	0.000638	0.0027	1.88E-04	0.00269	0.019
2115-11-01	89	1.84	0.0159	75.7	0.0365	0.0114	1.14	13.2	0.00761	4.38E-05	0.00144	9.95E-04	0.076	0.05	4.16E-05	2.09E-05	2.91E-05	0.000638	0.0027	1.88E-04	0.00269	0.019
2115-12-01	89	1.84	0.0159	75.7	0.0365	0.0114	1.15	13.2	0.00761	4.38E-05	0.00143	9.94E-04	0.076	0.0501	4.15E-05	2.09E-05	2.91E-05	0.000639	0.0027	1.88E-04	0.00269	0.019
2116-01-01	90	1.84	0.0159	75.7	0.0365	0.0114	1.15	13.2	0.00761	4.38E-05	0.00143	9.94E-04	0.076	0.0501	4.15E-05	2.09E-05	2.91E-05	0.00064	0.0027	1.88E-04	0.00269	0.019
2116-02-01	90	1.84	0.0159	75.6	0.0365	0.0114	1.15	13.2	0.00761	4.38E-05	0.00143	9.93E-04	0.076	0.0502	4.15E-05	2.09E-05	2.91E-05	0.000642	0.0027	1.88E-04	0.00269	0.0191
2116-03-01	90	1.84	0.0159	75.6	0.0365	0.0114	1.15	13.2	0.00761	4.38E-05	0.00143	9.93E-04	0.076	0.0503	4.15E-05	2.09E-05	2.91E-05	0.000643	0.0027	1.88E-04	0.00269	0.0191
2116-04-01	90	1.84	0.0159	75.6	0.0365	0.0114	1.15	13.2	0.00761	4.38E-05	0.00143	9.93E-04	0.076	0.0503	4.15E-05	2.09E-05	2.91E-05	0.000644	0.0027	1.88E-04	0.0027	0.0191
2116-05-01	90	1.84	0.0159	75.5	0.0365	0.0114	1.15	13.2	0.0076	4.37E-05	0.00143	9.91E-04	0.0761	0.0503	4.14E-05	2.09E-05	2.91E-05	0.000644	0.00269	1.88E-04	0.00269	0.0191
2116-06-01	90	1.83	0.0158	75.4	0.0364	0.0113	1.15	13.1	0.00758	4.37E-05	0.00143	9.89E-04	0.0762	0.0503	4.13E-05	2.08E-05	2.92E-05	0.000644	0.00269	1.88E-04	0.00269	0.019
2116-07-01	90	1.83	0.0158	75.3	0.0364	0.0113	1.15	13.1	0.00757	4.36E-05	0.00142	9.87E-04	0.0764	0.0502	4.13E-05	2.08E-05	2.92E-05	0.000644	0.00268	1.88E-04	0.00269	0.019
2116-08-01	90	1.83	0.0158	75.2	0.0364	0.0113	1.15	13.1	0.00756	4.36E-05	0.00142	9.85E-04	0.0765	0.0502	4.13E-05	2.08E-05	2.92E-05	0.000645	0.00268	1.89E-04	0.00269	0.019
2116-09-01	90	1.83	0.0158	75.1	0.0364	0.0113	1.15	13.1	0.00756	4.36E-05	0.00142	9.84E-04	0.0765	0.0503	4.12E-05	2.07E-05	2.92E-05	0.000646	0.00268	1.89E-04	0.00269	0.019
2116-10-01	90	1.83	0.0158	75.1	0.0363	0.0113	1.15	13.1	0.00755	4.36E-05	0.00142	9.83E-04	0.0766	0.0503	4.12E-05	2.07E-05	2.92E-05	0.000646	0.00267	1.89E-04	0.00269	0.019
2116-11-01	90	1.83	0.0157	75	0.0363	0.0113	1.15	13.1	0.00755	4.35E-05	0.00142	9.82E-04	0.0767	0.0503	4.11E-05	2.07E-05	2.92E-05	0.000647	0.00267	1.89E-04	0.00269	0.019
2116-12-01	90	1.83	0.0157	74.9	0.0363	0.0113	1.15	13.1	0.00754	4.35E-05	0.00142	9.81E-04	0.0767	0.0503	4.11E-05	2.07E-05	2.92E-05	0.000648	0.00267	1.89E-04	0.00269	0.019
2117-01-01	91	1.83	0.0157	74.9	0.0363	0.0113	1.15	13.1	0.00754	4.35E-05	0.00142	9.80E-04	0.0767	0.0504	4.11E-05	2.07E-05	2.92E-05	0.000649	0.00267	1.89E-04	0.00269	0.019
2117-02-01	91	1.83	0.0157	74.9	0.0363	0.0113	1.16	13.1	0.00754	4.35E-05	0.00142	9.80E-04	0.0766	0.0505	4.11E-05	2.07E-05	2.92E-05	0.00065	0.00266	1.89E-04	0.0027	0.019
2117-03-01	91	1.83	0.0157	74.9	0.0363	0.0113	1.16	13.1	0.00754	4.35E-05	0.00142	9.80E-04	0.0766	0.0505	4.11E-05	2.07E-05	2.92E-05	0.000651	0.00266	1.89E-04	0.0027	0.019
2117-04-01	91	1.83	0.0157	74.9	0.0363	0.0113	1.16	13.1	0.00754	4.35E-05	0.00141	9.79E-04	0.0766	0.0506	4.11E-05	2.06E-05	2.92E-05	0.000652	0.00266	1.89E-04	0.0027	0.0191
2117-05-01	91	1.83	0.0157	74.8	0.0363	0.0112	1.16	13.1	0.00753	4.34E-05	0.00141	9.78E-04	0.0767	0.0506	4.10E-05	2.06E-05	2.92E-05	0.000653	0.00266	1.89E-04	0.0027	0.019
2117-06-01	91	1.83	0.0157	74.7	0.0363	0.0112	1.16	13.1	0.00752	4.34E-05	0.00141	9.76E-04	0.0768	0.0505	4.09E-05	2.06E-05	2.92E-05	0.000653	0.00265	1.89E-04	0.0027	0.019
2117-07-01	91	1.83	0.0156	74.6	0.0362	0.0112	1.16	13	0.00751	4.33E-05	0.00141	9.74E-04	0.077	0.0505	4.09E-05	2.05E-05	2.93E-05	0.000653	0.00265	1.89E-04	0.00269	0.019
2117-08-01	91	1.82	0.0156	74.5	0.0362	0.0112	1.16	13	0													

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2119-09-01	93	1.81	0.0153	73.1	0.0358	0.011	1.17	12.9	0.00737	4.27E-05	0.00137	9.47E-04	0.0783	0.051	4.00E-05	2.00E-05	2.94E-05	0.000671	0.00258	1.92E-04	0.0027	0.019
2119-10-01	93	1.81	0.0153	73	0.0358	0.0109	1.17	12.9	0.00736	4.27E-05	0.00137	9.45E-04	0.0784	0.051	4.00E-05	2.00E-05	2.94E-05	0.000672	0.00258	1.92E-04	0.0027	0.019
2119-11-01	93	1.81	0.0153	72.9	0.0358	0.0109	1.17	12.9	0.00736	4.27E-05	0.00137	9.44E-04	0.0784	0.051	4.00E-05	2.00E-05	2.94E-05	0.000672	0.00258	1.92E-04	0.0027	0.019
2119-12-01	93	1.81	0.0153	72.9	0.0358	0.0109	1.17	12.8	0.00736	4.26E-05	0.00137	9.43E-04	0.0784	0.0511	3.99E-05	2.00E-05	2.94E-05	0.000673	0.00257	1.92E-04	0.0027	0.019
2120-01-01	94	1.81	0.0153	72.9	0.0358	0.0109	1.17	12.8	0.00736	4.26E-05	0.00137	9.43E-04	0.0784	0.0511	3.99E-05	2.00E-05	2.94E-05	0.000674	0.00257	1.92E-04	0.00271	0.019
2120-02-01	94	1.81	0.0153	72.9	0.0358	0.0109	1.17	12.9	0.00736	4.26E-05	0.00137	9.43E-04	0.0784	0.0512	3.99E-05	2.00E-05	2.94E-05	0.000675	0.00257	1.92E-04	0.00271	0.019
2120-03-01	94	1.81	0.0153	72.9	0.0358	0.0109	1.18	12.9	0.00736	4.26E-05	0.00137	9.43E-04	0.0784	0.0512	3.99E-05	2.00E-05	2.94E-05	0.000676	0.00257	1.92E-04	0.00271	0.019
2120-04-01	94	1.81	0.0153	72.9	0.0358	0.0109	1.18	12.9	0.00736	4.26E-05	0.00137	9.42E-04	0.0784	0.0513	3.99E-05	1.99E-05	2.94E-05	0.000677	0.00257	1.92E-04	0.00271	0.019
2120-05-01	94	1.81	0.0153	72.8	0.0358	0.0109	1.18	12.8	0.00735	4.26E-05	0.00136	9.41E-04	0.0785	0.0513	3.99E-05	1.99E-05	2.94E-05	0.000678	0.00257	1.92E-04	0.00271	0.019
2120-06-01	94	1.81	0.0152	72.6	0.0357	0.0109	1.18	12.8	0.00733	4.25E-05	0.00136	9.39E-04	0.0786	0.0512	3.98E-05	1.99E-05	2.94E-05	0.000678	0.00256	1.92E-04	0.00271	0.019
2120-07-01	94	1.8	0.0152	72.5	0.0357	0.0109	1.18	12.8	0.00732	4.25E-05	0.00136	9.37E-04	0.0787	0.0512	3.97E-05	1.99E-05	2.95E-05	0.000678	0.00256	1.92E-04	0.00271	0.0189
2120-08-01	94	1.8	0.0152	72.5	0.0357	0.0109	1.18	12.8	0.00732	4.25E-05	0.00136	9.36E-04	0.0788	0.0512	3.97E-05	1.98E-05	2.95E-05	0.000678	0.00255	1.92E-04	0.00271	0.0189
2120-09-01	94	1.8	0.0152	72.4	0.0357	0.0108	1.18	12.8	0.00731	4.25E-05	0.00136	9.35E-04	0.0789	0.0512	3.97E-05	1.98E-05	2.95E-05	0.000679	0.00255	1.92E-04	0.00271	0.0189
2120-10-01	94	1.8	0.0152	72.3	0.0356	0.0108	1.18	12.8	0.00731	4.24E-05	0.00136	9.34E-04	0.079	0.0513	3.96E-05	1.98E-05	2.95E-05	0.00068	0.00255	1.93E-04	0.00271	0.0189
2120-11-01	94	1.8	0.0152	72.3	0.0356	0.0108	1.18	12.8	0.0073	4.24E-05	0.00135	9.32E-04	0.079	0.0513	3.96E-05	1.98E-05	2.95E-05	0.00068	0.00255	1.93E-04	0.00271	0.0189
2120-12-01	94	1.8	0.0152	72.2	0.0356	0.0108	1.18	12.8	0.0073	4.24E-05	0.00135	9.32E-04	0.079	0.0513	3.96E-05	1.98E-05	2.95E-05	0.000681	0.00255	1.93E-04	0.00271	0.0189
2121-01-01	95	1.8	0.0152	72.2	0.0356	0.0108	1.18	12.8	0.0073	4.24E-05	0.00135	9.31E-04	0.079	0.0513	3.96E-05	1.97E-05	2.95E-05	0.000682	0.00254	1.93E-04	0.00271	0.0189
2121-02-01	95	1.8	0.0152	72.2	0.0356	0.0108	1.18	12.8	0.0073	4.24E-05	0.00135	9.31E-04	0.079	0.0514	3.96E-05	1.97E-05	2.95E-05	0.000684	0.00254	1.93E-04	0.00271	0.019
2121-03-01	95	1.8	0.0152	72.2	0.0356	0.0108	1.18	12.8	0.0073	4.23E-05	0.00135	9.31E-04	0.079	0.0515	3.95E-05	1.97E-05	2.95E-05	0.000685	0.00254	1.93E-04	0.00271	0.019
2121-04-01	95	1.8	0.0152	72.2	0.0357	0.0108	1.18	12.8	0.0073	4.23E-05	0.00135	9.30E-04	0.079	0.0515	3.95E-05	1.97E-05	2.95E-05	0.000686	0.00254	1.93E-04	0.00271	0.019
2121-05-01	95	1.8	0.0151	72.1	0.0356	0.0108	1.18	12.8	0.00729	4.23E-05	0.00135	9.29E-04	0.079	0.0515	3.95E-05	1.97E-05	2.95E-05	0.000686	0.00254	1.93E-04	0.00271	0.019
2121-06-01	95	1.8	0.0151	72	0.0356	0.0108	1.18	12.7	0.00727	4.23E-05	0.00135	9.27E-04	0.0792	0.0515	3.94E-05	1.97E-05	2.95E-05	0.000686	0.00253	1.93E-04	0.00271	0.0189
2121-07-01	95	1.8	0.0151	71.9	0.0355	0.0108	1.18	12.7	0.00726	4.22E-05	0.00134	9.25E-04	0.0793	0.0514	3.94E-05	1.96E-05	2.95E-05	0.000686	0.00253	1.93E-04	0.00271	0.0189
2121-08-01	95	1.8	0.0151	71.8	0.0355	0.0108	1.18	12.7	0.00726	4.22E-05	0.00134	9.24E-04	0.0794	0.0514	3.93E-05	1.96E-05	2.96E-05	0.000687	0.00253	1.93E-04	0.00271	0.0189
2121-09-01	95	1.8	0.0151	71.8	0.0355	0.0107	1.18	12.7	0.00725	4.22E-05	0.00134	9.23E-04	0.0795	0.0515	3.93E-05	1.96E-05	2.96E-05	0.000688	0.00252	1.93E-04	0.00271	0.0189
2121-10-01	95	1.8	0.0151	71.7	0.0355	0.0107	1.18	12.7	0.00725	4.22E-05	0.00134	9.22E-04	0.0795	0.0515	3.93E-05	1.96E-05	2.96E-05	0.000688	0.00252	1.93E-04	0.00271	0.0189
2121-11-01	95	1.8	0.015	71.7	0.0355	0.0107	1.18	12.7	0.00724	4.21E-05	0.00134	9.21E-04	0.0796	0.0515	3.92E-05	1.96E-05	2.96E-05	0.000689	0.00252	1.94E-04	0.00271	0.0189
2121-12-01	95	1.8	0.015	71.6	0.0355	0.0107	1.18	12.7	0.00724	4.21E-05	0.00134	9.20E-04	0.0796	0.0515	3.92E-05	1.95E-05	2.96E-05	0.00069	0.00252	1.94E-04	0.00271	0.0189
2122-01-01	96	1.8	0.015	71.6	0.0355	0.0107	1.18	12.7	0.00724	4.21E-05	0.00134	9.20E-04	0.0796	0.0516	3.92E-05	1.95E-05	2.96E-05	0.000691	0.00252	1.94E-04	0.00271	0.0189
2122-02-01	96	1.8	0.015	71.6	0.0355	0.0107	1.19	12.7	0.00724	4.21E-05	0.00134	9.20E-04	0.0795	0.0516	3.92E-05	1.95E-05	2.96E-05	0.000692	0.00252	1.93E-04	0.00271	0.0189
2122-03-01	96	1.8	0.015	71.6	0.0355	0.0107	1.19	12.7	0.00724	4.21E-05	0.00134	9.19E-04	0.0795	0.0517	3.92E-05	1.95E-05	2.96E-05	0.000693	0.00251	1.93E-04	0.00272	0.0189
2122-04-01	96	1.8	0.015	71.6	0.0355	0.0107	1.19	12.7	0.00724	4.21E-05	0.00134	9.19E-04	0.0795	0.0517	3.92E-05	1.95E-05	2.95E-05	0.000694	0.00251	1.93E-04	0.00272	0.019
2122-05-01	96	1.8	0.015	71.5	0.0355	0.0107	1.19	12.7	0.00723	4.20E-05	0.00133	9.18E-04	0.0796	0.0517	3.91E-05	1.95E-05	2.96E-05	0.000694	0.00251	1.94E-04	0.00272	0.0189
2122-06-01	96	1.79	0.015	71.4	0.0354	0.0107	1.19	12.7	0.00722	4.20E-05	0.00133	9.16E-04	0.0797	0.0517	3.91E-05	1.94E-05	2.96E-05	0.000694	0.00251	1.94E-04	0.00271	0.0189
2122-07-01	96	1.79	0.015	71.3	0.0354	0.0107	1.19	12.7	0.00721	4.20E-05	0.00133	9.14E-04	0.0798	0.0516	3.90E-05	1.94E-05	2.96E-05	0.000694	0.0025	1.94E-04	0.00271	0.0189
2122-08-01	96	1.79	0.0149	71.2	0.0354	0.0107	1.19	12.7	0.0072	4.19E-05	0.00133	9.13E-04	0.0799	0.0516	3.90E-05	1.94E-05	2.96E-05	0.000695	0.0025	1.94E-04	0.00271	0.0189
2122-09-01	96	1.79	0.0149	71.2	0.0353	0.0106	1.19	12.7	0.0072	4.19E-05	0.00133	9.12E-04	0.08	0.0517	3.90E-05	1.94E-05	2.96E-05	0.000696	0.0025	1.94E-04	0.00271	0.0189
2122-10-01	96	1.79	0.0149	71.1	0.0353	0.0106	1.19	12.6	0.00719	4.19E-05	0.00133	9.11E-04	0.0801	0.0517	3.89E-05	1.94E-05	2.96E-05	0.000696	0.00249	1.94E-04	0.00271	0.0189
2122-11-01	96	1.79	0.0149	71	0.0353	0.0106	1.19	12.6	0.00719	4.19E-05	0.00132	9.10E-04	0.0801	0.0517	3.89E-05	1.93E-05	2.96E-05	0.000697	0.00249	1.94E-04	0.00271	0.0189
2122-12-01	96	1.79	0.0149	71	0.0353	0.0106	1.19	12.6	0.00718	4.19E-05	0.00132	9.09E-04	0.0801	0.0517	3.89E-05	1.93E-05	2.96E-05	0.000698	0.00249	1.94E-04	0.00271	0.0189
2123-01-01	97	1.79	0.0149	71	0.0353	0.0106	1.19	12.6	0.00718	4.18E-05	0.00132	9.09E-04	0.0801	0.0518	3.89E-05	1.93E-05	2.96E-05	0.000699	0.00249	1.94E-04	0.00271	0.0189
2123-02-01	97	1.79	0.0149	71	0.0353	0.0106	1.19	12.6	0.00718	4.18E-05	0.00132	9.08E-04	0.0801	0.0518	3.89E-05	1.93E-05	2.96E-05	0.0007	0.00249	1.94E-04	0.00272	0.0189
2123-03-01	97	1.79	0.0149	71	0.0353	0.0106	1.19	12.6	0.00718	4.18E-05	0.00132	9.08E-04	0.0801	0.0519	3.88E-05	1.93E-05	2.96E-05	0.000701	0.00249	1.94E-04	0.00272	0.0189
2123-04-01	97	1.79	0.0149	71	0.0353	0.0106	1.19	12.6	0.00718	4.18E-05	0.00132	9.08E-04	0.0801	0.0519	3.88E-05	1.93E-05	2.96E-05	0.000702	0.00249	1.94E-04	0.00272	0.0189
2123-05-01	97	1.79	0.0149	70.9	0.0353	0.0106	1.19	12.6	0.00718	4												

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2125-06-01	99	1.78	0.0146	69.6	0.035	0.0104	1.2	12.5	0.00705	4.13E-05	0.00129	8.83E-04	0.0813	0.0522	3.81E-05	1.88E-05	2.98E-05	0.000719	0.00243	1.96E-04	0.00272	0.0188
2125-07-01	99	1.77	0.0146	69.5	0.0349	0.0104	1.2	12.5	0.00705	4.12E-05	0.00129	8.82E-04	0.0814	0.0522	3.80E-05	1.88E-05	2.98E-05	0.000719	0.00242	1.97E-04	0.00272	0.0188
2125-08-01	99	1.77	0.0146	69.4	0.0349	0.0104	1.2	12.5	0.00704	4.12E-05	0.00129	8.81E-04	0.0815	0.0522	3.80E-05	1.88E-05	2.98E-05	0.000719	0.00242	1.97E-04	0.00272	0.0188
2125-09-01	99	1.77	0.0146	69.4	0.0349	0.0104	1.2	12.5	0.00704	4.12E-05	0.00129	8.80E-04	0.0816	0.0522	3.80E-05	1.88E-05	2.98E-05	0.00072	0.00242	1.97E-04	0.00272	0.0188
2125-10-01	99	1.77	0.0145	69.3	0.0349	0.0104	1.2	12.4	0.00703	4.12E-05	0.00128	8.79E-04	0.0816	0.0522	3.79E-05	1.88E-05	2.98E-05	0.000721	0.00242	1.97E-04	0.00272	0.0188
2125-11-01	99	1.77	0.0145	69.3	0.0349	0.0103	1.2	12.4	0.00702	4.11E-05	0.00128	8.78E-04	0.0817	0.0522	3.79E-05	1.87E-05	2.98E-05	0.000721	0.00241	1.97E-04	0.00272	0.0188
2125-12-01	99	1.77	0.0145	69.2	0.0349	0.0103	1.2	12.4	0.00702	4.11E-05	0.00128	8.77E-04	0.0817	0.0523	3.79E-05	1.87E-05	2.98E-05	0.000722	0.00241	1.97E-04	0.00272	0.0188
2126-01-01	100	1.77	0.0145	69.2	0.0349	0.0103	1.2	12.4	0.00702	4.11E-05	0.00128	8.77E-04	0.0817	0.0523	3.79E-05	1.87E-05	2.98E-05	0.000723	0.00241	1.97E-04	0.00272	0.0188
2126-02-01	100	1.77	0.0145	69.2	0.0349	0.0103	1.2	12.4	0.00702	4.11E-05	0.00128	8.77E-04	0.0816	0.0524	3.79E-05	1.87E-05	2.98E-05	0.000724	0.00241	1.97E-04	0.00272	0.0188
2126-03-01	100	1.77	0.0145	69.2	0.0349	0.0103	1.21	12.4	0.00702	4.11E-05	0.00128	8.77E-04	0.0816	0.0524	3.78E-05	1.87E-05	2.98E-05	0.000725	0.00241	1.97E-04	0.00273	0.0188
2126-04-01	100	1.77	0.0145	69.2	0.0349	0.0103	1.21	12.4	0.00702	4.11E-05	0.00128	8.76E-04	0.0816	0.0525	3.78E-05	1.87E-05	2.98E-05	0.000726	0.00241	1.97E-04	0.00273	0.0189
2126-05-01	100	1.77	0.0145	69.2	0.0349	0.0103	1.21	12.4	0.00702	4.11E-05	0.00128	8.75E-04	0.0817	0.0525	3.78E-05	1.87E-05	2.98E-05	0.000727	0.00241	1.97E-04	0.00273	0.0188
2126-06-01	100	1.77	0.0145	69	0.0348	0.0103	1.21	12.4	0.007	4.10E-05	0.00128	8.73E-04	0.0818	0.0524	3.77E-05	1.87E-05	2.98E-05	0.000727	0.0024	1.97E-04	0.00272	0.0188
2126-07-01	100	1.77	0.0145	68.9	0.0348	0.0103	1.21	12.4	0.00699	4.10E-05	0.00127	8.72E-04	0.0819	0.0524	3.77E-05	1.86E-05	2.98E-05	0.000727	0.0024	1.97E-04	0.00272	0.0188
2126-08-01	100	1.77	0.0145	68.9	0.0348	0.0103	1.21	12.4	0.00699	4.10E-05	0.00127	8.71E-04	0.082	0.0524	3.77E-05	1.86E-05	2.98E-05	0.000727	0.00239	1.98E-04	0.00272	0.0188
2126-09-01	100	1.77	0.0144	68.8	0.0348	0.0103	1.21	12.4	0.00698	4.10E-05	0.00127	8.70E-04	0.0821	0.0524	3.76E-05	1.86E-05	2.99E-05	0.000728	0.00239	1.98E-04	0.00272	0.0188
2126-10-01	100	1.77	0.0144	68.8	0.0347	0.0103	1.21	12.4	0.00698	4.09E-05	0.00127	8.69E-04	0.0821	0.0524	3.76E-05	1.86E-05	2.99E-05	0.000729	0.00239	1.98E-04	0.00272	0.0188
2126-11-01	100	1.76	0.0144	68.7	0.0347	0.0103	1.21	12.4	0.00697	4.09E-05	0.00127	8.68E-04	0.0822	0.0524	3.76E-05	1.86E-05	2.99E-05	0.000729	0.00239	1.98E-04	0.00272	0.0188
2126-12-01	100	1.76	0.0144	68.7	0.0347	0.0102	1.21	12.4	0.00697	4.09E-05	0.00127	8.67E-04	0.0822	0.0524	3.76E-05	1.85E-05	2.99E-05	0.00073	0.00239	1.98E-04	0.00272	0.0188
2127-01-01	101	1.77	0.0144	68.7	0.0347	0.0102	1.21	12.4	0.00697	4.09E-05	0.00127	8.67E-04	0.0822	0.0525	3.76E-05	1.85E-05	2.99E-05	0.000731	0.00239	1.98E-04	0.00272	0.0188
2127-02-01	101	1.77	0.0144	68.7	0.0347	0.0102	1.21	12.4	0.00697	4.09E-05	0.00127	8.67E-04	0.0821	0.0525	3.75E-05	1.85E-05	2.99E-05	0.000732	0.00239	1.98E-04	0.00273	0.0188
2127-03-01	101	1.77	0.0144	68.7	0.0348	0.0102	1.21	12.4	0.00697	4.09E-05	0.00127	8.67E-04	0.0821	0.0526	3.75E-05	1.85E-05	2.98E-05	0.000733	0.00238	1.98E-04	0.00273	0.0188
2127-04-01	101	1.77	0.0144	68.7	0.0348	0.0102	1.21	12.4	0.00697	4.09E-05	0.00127	8.66E-04	0.0821	0.0526	3.75E-05	1.85E-05	2.98E-05	0.000734	0.00238	1.98E-04	0.00273	0.0188
2127-05-01	101	1.77	0.0144	68.6	0.0347	0.0102	1.21	12.4	0.00696	4.08E-05	0.00127	8.65E-04	0.0822	0.0526	3.75E-05	1.85E-05	2.98E-05	0.000735	0.00238	1.98E-04	0.00273	0.0188
2127-06-01	101	1.76	0.0144	68.5	0.0347	0.0102	1.21	12.4	0.00695	4.08E-05	0.00126	8.63E-04	0.0823	0.0526	3.74E-05	1.85E-05	2.99E-05	0.000735	0.00238	1.98E-04	0.00273	0.0188
2127-07-01	101	1.76	0.0143	68.4	0.0347	0.0102	1.21	12.3	0.00694	4.08E-05	0.00126	8.62E-04	0.0824	0.0526	3.74E-05	1.84E-05	2.99E-05	0.000735	0.00237	1.98E-04	0.00272	0.0188
2127-08-01	101	1.76	0.0143	68.3	0.0346	0.0102	1.21	12.3	0.00694	4.07E-05	0.00126	8.61E-04	0.0825	0.0525	3.74E-05	1.84E-05	2.99E-05	0.000735	0.00237	1.98E-04	0.00272	0.0188
2127-09-01	101	1.76	0.0143	68.3	0.0346	0.0102	1.21	12.3	0.00693	4.07E-05	0.00126	8.60E-04	0.0826	0.0526	3.73E-05	1.84E-05	2.99E-05	0.000736	0.00237	1.99E-04	0.00272	

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2131-03-01	105	1.74	0.014	66.6	0.0342	0.00991	1.23	12.1	0.00678	4.00E-05	0.00122	8.29E-04	0.084	0.0532	3.64E-05	1.78E-05	3.00E-05	0.000765	0.00229	2.01E-04	0.00273	0.0187
2131-04-01	105	1.74	0.014	66.6	0.0342	0.00991	1.23	12.1	0.00678	4.00E-05	0.00122	8.28E-04	0.084	0.0532	3.63E-05	1.78E-05	3.00E-05	0.000766	0.00229	2.01E-04	0.00274	0.0187
2131-05-01	105	1.74	0.014	66.5	0.0342	0.0099	1.23	12.1	0.00677	4.00E-05	0.00122	8.27E-04	0.0841	0.0532	3.63E-05	1.78E-05	3.00E-05	0.000766	0.00229	2.01E-04	0.00274	0.0187
2131-06-01	105	1.74	0.0139	66.4	0.0342	0.00988	1.23	12.1	0.00676	3.99E-05	0.00121	8.26E-04	0.0842	0.0532	3.63E-05	1.78E-05	3.01E-05	0.000766	0.00228	2.01E-04	0.00273	0.0187
2131-07-01	105	1.74	0.0139	66.3	0.0341	0.00987	1.22	12.1	0.00675	3.99E-05	0.00121	8.24E-04	0.0843	0.0531	3.62E-05	1.77E-05	3.01E-05	0.000766	0.00228	2.01E-04	0.00273	0.0187
2131-08-01	105	1.74	0.0139	66.3	0.0341	0.00986	1.22	12.1	0.00675	3.99E-05	0.00121	8.23E-04	0.0844	0.0531	3.62E-05	1.77E-05	3.01E-05	0.000767	0.00228	2.02E-04	0.00273	0.0187
2131-09-01	105	1.74	0.0139	66.2	0.0341	0.00985	1.23	12.1	0.00674	3.99E-05	0.00121	8.23E-04	0.0845	0.0532	3.62E-05	1.77E-05	3.01E-05	0.000767	0.00228	2.02E-04	0.00273	0.0187
2131-10-01	105	1.74	0.0139	66.2	0.0341	0.00984	1.23	12.1	0.00674	3.99E-05	0.00121	8.22E-04	0.0845	0.0532	3.61E-05	1.77E-05	3.01E-05	0.000768	0.00228	2.02E-04	0.00273	0.0187
2131-11-01	105	1.74	0.0139	66.1	0.0341	0.00983	1.23	12.1	0.00673	3.99E-05	0.00121	8.21E-04	0.0845	0.0532	3.61E-05	1.77E-05	3.01E-05	0.000768	0.00227	2.02E-04	0.00273	0.0187
2131-12-01	105	1.74	0.0139	66.1	0.0341	0.00983	1.23	12.1	0.00673	3.98E-05	0.00121	8.21E-04	0.0845	0.0532	3.61E-05	1.77E-05	3.01E-05	0.000769	0.00227	2.02E-04	0.00273	0.0187
2132-01-01	106	1.74	0.0139	66.1	0.0341	0.00983	1.23	12.1	0.00673	3.98E-05	0.00121	8.20E-04	0.0845	0.0532	3.61E-05	1.77E-05	3.01E-05	0.00077	0.00227	2.02E-04	0.00273	0.0187
2132-02-01	106	1.74	0.0139	66.1	0.0341	0.00983	1.23	12.1	0.00673	3.98E-05	0.00121	8.20E-04	0.0845	0.0533	3.61E-05	1.77E-05	3.01E-05	0.000771	0.00227	2.02E-04	0.00273	0.0187
2132-03-01	106	1.74	0.0139	66.1	0.0341	0.00983	1.23	12.1	0.00673	3.98E-05	0.00121	8.20E-04	0.0845	0.0533	3.61E-05	1.77E-05	3.01E-05	0.000772	0.00227	2.02E-04	0.00274	0.0187
2132-04-01	106	1.74	0.0139	66.1	0.0341	0.00983	1.23	12.1	0.00673	3.98E-05	0.00121	8.20E-04	0.0845	0.0534	3.61E-05	1.76E-05	3.01E-05	0.000773	0.00227	2.02E-04	0.00274	0.0187
2132-05-01	106	1.74	0.0139	66	0.0341	0.00982	1.23	12.1	0.00673	3.98E-05	0.00121	8.19E-04	0.0846	0.0534	3.60E-05	1.76E-05	3.01E-05	0.000774	0.00227	2.02E-04	0.00274	0.0187
2132-06-01	106	1.74	0.0138	65.9	0.0341	0.0098	1.23	12.1	0.00671	3.97E-05	0.0012	8.17E-04	0.0847	0.0533	3.60E-05	1.76E-05	3.01E-05	0.000774	0.00226	2.02E-04	0.00273	0.0187
2132-07-01	106	1.73	0.0138	65.8	0.034	0.00979	1.23	12.1	0.00671	3.97E-05	0.0012	8.16E-04	0.0848	0.0533	3.59E-05	1.76E-05	3.01E-05	0.000774	0.00226	2.02E-04	0.00273	0.0187
2132-08-01	106	1.73	0.0138	65.8	0.034	0.00978	1.23	12	0.0067	3.97E-05	0.0012	8.15E-04	0.0849	0.0533	3.59E-05	1.76E-05	3.01E-05	0.000774	0.00226	2.02E-04	0.00273	0.0186
2132-09-01	106	1.73	0.0138	65.7	0.034	0.00977	1.23	12	0.0067	3.97E-05	0.0012	8.14E-04	0.0849	0.0533	3.59E-05	1.75E-05	3.01E-05	0.000775	0.00226	2.02E-04	0.00273	0.0186
2132-10-01	106	1.73	0.0138	65.7	0.034	0.00976	1.23	12	0.00669	3.97E-05	0.0012	8.13E-04	0.085	0.0533	3.59E-05	1.75E-05	3.01E-05	0.000776	0.00225	0.000203	0.00273	0.0186
2132-11-01	106	1.73	0.0138	65.6	0.034	0.00976	1.23	12	0.00669	3.97E-05	0.0012	8.12E-04	0.085	0.0533	3.58E-05	1.75E-05	3.01E-05	0.000776	0.00225	0.000203	0.00273	0.0186
2132-12-01	106	1.73	0.0138	65.6	0.034	0.00975	1.23	12	0.00669	3.96E-05	0.0012	8.12E-04	0.085	0.0533	3.58E-05	1.75E-05	3.01E-05	0.000777	0.00225	0.000203	0.00273	0.0186
2133-01-01	107	1.73	0.0138	65.6	0.034	0.00975	1.23	12	0.00669	3.96E-05	0.0012	8.12E-04	0.085	0.0534	3.58E-05	1.75E-05	3.01E-05	0.000778	0.00225	0.000203	0.00273	0.0186
2133-02-01	107	1.73	0.0138	65.6	0.034	0.00975	1.23	12	0.00669	3.96E-05	0.0012	8.11E-04	0.085	0.0534	3.58E-05	1.75E-05	3.01E-05	0.000779	0.00225	0.000202	0.00274	0.0187
2133-03-01	107	1.73	0.0138	65.6	0.034	0.00975	1.23	12	0.00669	3.96E-05	0.0012	8.11E-04	0.085	0.0534	3.58E-05	1.75E-05	3.01E-05	0.00078	0.00225	0.000202	0.00274	0.0187
2133-04-01	107	1.73	0.0138	65.6	0.034	0.00975	1.23	12	0.00669	3.96E-05	0.0012	8.11E-04	0.085	0.0535	3.58E-05	1.75E-05	3.01E-05	0.000781	0.00225	0.000202	0.00274	0.0187
2133-05-01	107	1.73	0.0137	65.5	0.034	0.00974	1.23	12	0.00668	3.96E-05	0.00119	8.10E-04	0.085	0.0535	3.58E-05	1.75E-05	3.01E-05	0.000781	0.00225	0.000203	0.00274	0.0187
2133-06-01	107	1.73	0.0137	65.4	0.0339	0.00972	1.23	12	0.00667	3.95E-05	0.00119	8.08E-04	0.0851	0.0534	3.57E-05	1.74E-05	3.01E-05	0.000781	0.00224	0.000203	0.00274	0.0186
2133-07-01	107	1.73	0.0137	65.4	0.0339	0.00971	1.23	12	0.00666	3.95E-05	0.00119	8.07E-04	0.0852	0.0534	3.57E-05	1.74E-05	3.02E-05	0.000782	0.00224	0.000203	0.00273	0.0186
2133-08-01	107	1.73	0.0137	65.3	0.0339	0.0097	1.23	12	0.00666	3.95E-05	0.00119	8.06E-04	0.0853	0.0534	3.56E-05	1.74E-05	3.02E-05	0.000782	0.00224	0.000203	0.00273	0.0186
2133-09-01	107	1.73	0.0137	65.3	0.0339	0.0097	1.23	12	0.00665	3.95E-05	0.00119	8.06E-04	0.0854	0.0534	3.56E-05	1.74E-05	3.02E-05	0.000783	0.00223	0.000203	0.00273	0.0186
2133-10-01	107	1.73	0.0137	65.2	0.0339	0.00969	1.23	12	0.00665	3.95E-05	0.00119	8.05E-04	0.0854	0.0534	3.56E-05	1.74E-05	3.02E-05	0.000783	0.00223	0.000203	0.00273	0.0186
2133-11-01	107	1.73	0.0137	65.2	0.0339	0.00968	1.23	12	0.00664	3.95E-05	0.00119	8.04E-04	0.0854	0.0534	3.56E-05	1.74E-05	3.02E-05	0.000784	0.00223	0.000203	0.00273	0.0186
2133-12-01	107	1.73	0.0137	65.1	0.0339	0.00968	1.23	12	0.00664	3.94E-05	0.00119	8.03E-04	0.0854	0.0534	3.56E-05	1.73E-05	3.02E-05	0.000785	0.00223	0.000203	0.00273	0.0186
2134-01-01	108	1.73	0.0137	65.1	0.0339	0.00967	1.23	12	0.00664	3.94E-05	0.00118	8.03E-04	0.0854	0.0535	3.56E-05	1.73E-05	3.02E-05	0.000786	0.00223	0.000203	0.00274	0.0186
2134-02-01	108	1.73	0.0137	65.1	0.0339	0.00967	1.23	12	0.00664	3.94E-05	0.00118	8.03E-04	0.0854	0.0535	3.55E-05	1.73E-05	3.02E-05	0.000787	0.00223	0.000203	0.00274	0.0186
2134-03-01	108	1.73	0.0137	65.1	0.0339	0.00967	1.24	12	0.00664	3.94E-05	0.00118	8.03E-04	0.0854	0.0536	3.55E-05	1.73E-05	3.02E-05	0.000788	0.00223	0.000203	0.00274	0.0186
2134-04-01	108	1.73	0.0137	65.1	0.0339	0.00967	1.24	12	0.00664	3.94E-05	0.00118	8.03E-04	0.0854	0.0536	3.55E-05	1.73E-05	3.02E-05	0.000789	0.00223	0.000203	0.00274	0.0186
2134-05-01	108	1.73	0.0137	65.1	0.0339	0.00966	1.24	12	0.00664	3.94E-05	0.00118	8.02E-04	0.0854	0.0536	3.55E-05	1.73E-05	3.02E-05	0.000789	0.00222	0.000203	0.00274	0.0186
2134-06-01	108	1.73	0.0136	65	0.0338	0.00965	1.23	12	0.00663	3.94E-05	0.00118	8.00E-04	0.0856	0.0535	3.54E-05	1.73E-05	3.02E-05	0.000789	0.00222	0.000203	0.00274	0.0186
2134-07-01	108	1.72	0.0136	64.9	0.0338	0.00963	1.23	12	0.00662	3.93E-05	0.00118	7.99E-04	0.0857	0.0535	3.54E-05	1.73E-05	3.02E-05	0.000789	0.00222	0.000204	0.00273	0.0186
2134-08-01	108	1.72	0.0136	64.8	0.0338	0.00963	1.23	11.9	0.00661	3.93E-05	0.00118	7.98E-04	0.0857	0.0535	3.54E-05	1.72E-05	3.02E-05	0.00079	0.00222	0.000204	0.00273	0.0186
2134-09-01	108	1.72	0.0136	64.8	0.0338	0.00962	1.23	11.9	0.00661	3.93E-05	0.00118	7.97E-04	0.0858	0.0535	3.54E-05	1.72E-05	3.02E-05	0.00079	0.00221	0.000204	0.00273	0.0186
2134-10-01	108	1.72	0.0136	64.8	0.0338	0.00961	1.23	11.9	0.00661	3.93E-05	0.00118	7.96E-04	0.0858	0.0535	3.53E-05	1.72E-05	3.02E-05	0.000791	0.00221	0.000204	0.00273	0.0186
2134-11-01	1																					

El Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2136-12-01	110	1.71	0.0134	63.8	0.0335	0.00946	1.24	11.8	0.00652	3.89E-05	0.00115	7.79E-04	0.0867	0.0538	3.48E-05	1.69E-05	3.02E-05	0.000807	0.00217	0.000206	0.00274	0.0185
2137-01-01	111	1.71	0.0134	63.8	0.0335	0.00946	1.24	11.8	0.00652	3.89E-05	0.00115	7.79E-04	0.0867	0.0538	3.48E-05	1.69E-05	3.02E-05	0.000808	0.00217	0.000205	0.00274	0.0185
2137-02-01	111	1.71	0.0134	63.8	0.0335	0.00946	1.24	11.8	0.00652	3.89E-05	0.00115	7.79E-04	0.0867	0.0539	3.48E-05	1.69E-05	3.02E-05	0.000809	0.00217	0.000205	0.00274	0.0185
2137-03-01	111	1.71	0.0134	63.8	0.0336	0.00946	1.24	11.8	0.00652	3.89E-05	0.00115	7.79E-04	0.0867	0.0539	3.48E-05	1.69E-05	3.02E-05	0.00081	0.00217	0.000205	0.00274	0.0185
2137-04-01	111	1.71	0.0134	63.8	0.0336	0.00946	1.24	11.8	0.00652	3.89E-05	0.00115	7.78E-04	0.0867	0.0539	3.48E-05	1.69E-05	3.02E-05	0.000811	0.00217	0.000205	0.00274	0.0186
2137-05-01	111	1.71	0.0134	63.7	0.0335	0.00945	1.24	11.8	0.00651	3.88E-05	0.00115	7.78E-04	0.0867	0.0539	3.47E-05	1.69E-05	3.02E-05	0.000812	0.00217	0.000205	0.00274	0.0185
2137-06-01	111	1.71	0.0134	63.6	0.0335	0.00943	1.24	11.8	0.0065	3.88E-05	0.00115	7.76E-04	0.0869	0.0539	3.47E-05	1.68E-05	3.02E-05	0.000812	0.00216	0.000206	0.00274	0.0185
2137-07-01	111	1.71	0.0133	63.5	0.0335	0.00942	1.24	11.8	0.0065	3.88E-05	0.00115	7.75E-04	0.0869	0.0539	3.46E-05	1.68E-05	3.02E-05	0.000812	0.00216	0.000206	0.00274	0.0185
2137-08-01	111	1.71	0.0133	63.5	0.0335	0.00941	1.24	11.8	0.00649	3.88E-05	0.00115	7.74E-04	0.087	0.0539	3.46E-05	1.68E-05	3.02E-05	0.000812	0.00216	0.000206	0.00274	0.0185
2137-09-01	111	1.71	0.0133	63.5	0.0335	0.00941	1.24	11.8	0.00649	3.88E-05	0.00115	7.74E-04	0.0871	0.0539	3.46E-05	1.68E-05	3.02E-05	0.000813	0.00216	0.000206	0.00274	0.0185
2137-10-01	111	1.71	0.0133	63.4	0.0334	0.0094	1.24	11.8	0.00648	3.88E-05	0.00114	7.73E-04	0.0871	0.0539	3.46E-05	1.68E-05	3.02E-05	0.000814	0.00215	0.000206	0.00274	0.0185
2137-11-01	111	1.71	0.0133	63.4	0.0334	0.00939	1.24	11.8	0.00648	3.87E-05	0.00114	7.72E-04	0.0872	0.0539	3.46E-05	1.68E-05	3.02E-05	0.000814	0.00215	0.000206	0.00274	0.0185
2137-12-01	111	1.71	0.0133	63.4	0.0334	0.00939	1.24	11.8	0.00648	3.87E-05	0.00114	7.72E-04	0.0872	0.0539	3.45E-05	1.67E-05	3.02E-05	0.000815	0.00215	0.000206	0.00274	0.0185
2138-01-01	112	1.71	0.0133	63.3	0.0334	0.00939	1.24	11.8	0.00648	3.87E-05	0.00114	7.71E-04	0.0872	0.0539	3.45E-05	1.67E-05	3.02E-05	0.000816	0.00215	0.000206	0.00274	0.0

El Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2142-09-01	116	1.68	0.0129	61.4	0.033	0.00908	1.25	11.6	0.0063	3.80E-05	0.0011	7.38E-04	0.0891	0.0543	3.34E-05	1.61E-05	3.02E-05	0.00085	0.00207	0.00021	0.00274	0.0184
2142-10-01	116	1.68	0.0129	61.4	0.033	0.00907	1.25	11.6	0.0063	3.79E-05	0.0011	7.37E-04	0.0892	0.0543	3.34E-05	1.61E-05	3.02E-05	0.00085	0.00207	0.00021	0.00274	0.0184
2142-11-01	116	1.68	0.0129	61.3	0.033	0.00907	1.25	11.6	0.00629	3.79E-05	0.0011	7.36E-04	0.0892	0.0543	3.34E-05	1.61E-05	3.02E-05	0.000851	0.00206	0.00021	0.00274	0.0184
2142-12-01	116	1.68	0.0129	61.3	0.033	0.00906	1.26	11.6	0.00629	3.79E-05	0.0011	7.36E-04	0.0892	0.0544	3.34E-05	1.61E-05	3.02E-05	0.000852	0.00206	0.00021	0.00274	0.0184
2143-01-01	117	1.68	0.0129	61.3	0.033	0.00906	1.26	11.6	0.00629	3.79E-05	0.0011	7.36E-04	0.0892	0.0544	3.34E-05	1.61E-05	3.02E-05	0.000853	0.00206	0.00021	0.00274	0.0184
2143-02-01	117	1.68	0.0129	61.3	0.033	0.00906	1.26	11.6	0.00629	3.79E-05	0.0011	7.35E-04	0.0892	0.0544	3.33E-05	1.61E-05	3.02E-05	0.000854	0.00206	0.00021	0.00274	0.0184
2143-03-01	117	1.68	0.0129	61.3	0.033	0.00906	1.26	11.6	0.00629	3.79E-05	0.00109	7.35E-04	0.0892	0.0545	3.33E-05	1.61E-05	3.02E-05	0.000855	0.00206	0.00021	0.00274	0.0184
2143-04-01	117	1.69	0.0129	61.3	0.033	0.00906	1.26	11.6	0.00629	3.79E-05	0.00109	7.35E-04	0.0892	0.0545	3.33E-05	1.61E-05	3.02E-05	0.000856	0.00206	0.00021	0.00275	0.0184
2143-05-01	117	1.68	0.0129	61.3	0.033	0.00905	1.26	11.6	0.00629	3.79E-05	0.00109	7.34E-04	0.0892	0.0545	3.33E-05	1.60E-05	3.02E-05	0.000856	0.00206	0.00021	0.00274	0.0184
2143-06-01	117	1.68	0.0128	61.2	0.0329	0.00904	1.26	11.5	0.00628	3.78E-05	0.00109	7.33E-04	0.0893	0.0544	3.33E-05	1.60E-05	3.02E-05	0.000856	0.00206	0.00021	0.00274	0.0184
2143-07-01	117	1.68	0.0128	61.1	0.0329	0.00903	1.26	11.5	0.00627	3.78E-05	0.00109	7.32E-04	0.0894	0.0544	3.32E-05	1.60E-05	3.02E-05	0.000856	0.00205	0.00021	0.00274	0.0183
2143-08-01	117	1.68	0.0128	61.1	0.0329	0.00902	1.26	11.5	0.00627	3.78E-05	0.00109	7.31E-04	0.0895	0.0544	3.32E-05	1.60E-05	3.02E-05	0.000856	0.00205	0.00021	0.00274	0.0183
2143-09-01	117	1.68	0.0128	61	0.0329	0.00902	1.26	11.5	0.00626	3.78E-05	0.00109	7.31E-04	0.0895	0.0544	3.32E-05	1.60E-05	3.02E-05	0.000857	0.00205	0.00021	0.00274	0.0183
2143-10-01	117	1.68	0.0128	61	0.0329	0.00901	1.26	11.5	0.00626	3.78E-05	0.00109	7.30E-04	0.0896	0.0544	3.32E-05	1.60E-05	3.02E-05	0.000858	0.00205	0.00021	0.00274	0.0183
2143-11-01	117	1.68	0.0128	61	0.0329	0.009	1.26	11.5	0.00626	3.78E-05	0.00109	7.30E-04	0.0896	0.0544	3.32E-05	1.60E-05	3.02E-05	0.000858	0.00205	0.00021	0.00274	0.0183
2143-12-01	117	1.68	0.0128	60.9	0.0329	0.009	1.26	11.5	0.00625	3.78E-05	0.00109	7.29E-04	0.0896	0.0544	3.31E-05	1.59E-05	3.02E-05	0.000859	0.00205	0.00021	0.00274	0.0183
2144-01-01	118	1.68	0.0128	60.9	0.0329	0.009	1.26	11.5	0.00625	3.78E-05	0.00109	7.29E-04	0.0896	0.0545	3.31E-05	1.59E-05	3.02E-05	0.00086	0.00205	0.00021	0.00274	0.0183
2144-02-01	118	1.68	0.0128	60.9	0.0329	0.009	1.26	11.5	0.00626	3.78E-05	0.00109	7.29E-04	0.0896	0.0545	3.31E-05	1.59E-05	3.02E-05	0.000861	0.00205	0.00021	0.00274	0.0183
2144-03-01	118	1.68	0.0128	60.9	0.0329	0.009	1.26	11.5	0.00626	3.77E-05	0.00109	7.29E-04	0.0895	0.0546	3.31E-05	1.59E-05	3.02E-05	0.000862	0.00205	0.00021	0.00274	0.0183
2144-04-01	118	1.68	0.0128	60.9	0.0329	0.009	1.26	11.5	0.00626	3.77E-05	0.00109	7.28E-04	0.0895	0.0546	3.31E-05	1.59E-05	3.02E-05	0.000863	0.00205	0.00021	0.00275	0.0183
2144-05-01	118	1.68	0.0128	60.9	0.0329	0.00899	1.26	11.5	0.00625	3.77E-05	0.00108	7.28E-04	0.0896	0.0546	3.31E-05	1.59E-05	3.02E-05	0.000863	0.00204	0.00021	0.00274	0.0183
2144-06-01	118	1.68	0.0128	60.8	0.0329	0.00898	1.26	11.5	0.00624	3.77E-05	0.00108	7.26E-04	0.0897	0.0545	3.30E-05	1.59E-05	3.02E-05	0.000863	0.00204	0.00021	0.00274	0.0183
2144-07-01	118	1.68	0.0128	60.7	0.0328	0.00897	1.26	11.5	0.00624	3.77E-05	0.00108	7.25E-04	0.0898	0.0545	3.30E-05	1.59E-05	3.02E-05	0.000863	0.00204	0.000211	0.00274	0.0183
2144-08-01	118	1.68	0.0127	60.7	0.0328	0.00896	1.26	11.5	0.00623	3.77E-05	0.00108	7.25E-04	0.0898	0.0545	3.30E-05	1.59E-05	3.02E-05	0.000864	0.00204	0.000211	0.00274	0.0183
2144-09-01	118	1.68	0.0127	60.7	0.0328	0.00896	1.26	11.5	0.00623	3.77E-05	0.00108	7.24E-04	0.0899	0.0545	3.30E-05	1.59E-05	3.02E-05	0.000864	0.00204	0.000211	0.00274	0.0183
2144-10-01	118	1.68	0.0127	60.6	0.0328	0.00895	1.26	11.5	0.00623	3.76E-05	0.00108	7.24E-04	0.0899	0.0545	3.30E-05	1.58E-05	3.02E-05	0.000865	0.00203	0.000211	0.00274	0.0183
2144-11-01	118	1.67	0.0127	60.6	0.0328	0.00894	1.26	11.5	0.00622	3.76E-05	0.00108	7.23E-04	0.09	0.0545	3.29E-05	1.58E-05	3.02E-05	0.000865	0.00203	0.000211	0.00274	0.0183
2144-12-01	118	1.67	0.0127	60.6	0.0328	0.00894	1.26	11.5	0.00622	3.76E-05	0.00108	7.23E-04	0.09	0.0545	3.29E-05	1.58E-05	3.02E-05	0.000866	0.00203	0.000211	0.00274	0.0183
2145-01-01	119	1.68	0.0127	60.6	0.0328	0.00894	1.26	11.5	0.00622	3.76E-05	0.00108	7.22E-04	0.09	0.0546	3.29E-05	1.58E-05	3.02E-05	0.000867	0.00203	0.000211	0.00274	0.0183
2145-02-01	119	1.68	0.0127	60.6	0.0328	0.00894	1.26	11.5	0.00622	3.76E-05	0.00108	7.22E-04	0.0899	0.0546	3.29E-05	1.58E-05	3.02E-05	0.000868	0.00203	0.000211	0.00274	0.0183
2145-03-01	119	1.68	0.0127	60.6	0.0328	0.00894	1.26	11.5	0.00622	3.76E-05	0.00108	7.22E-04	0.0899	0.0546	3.29E-05	1.58E-05	3.02E-05	0.000869	0.00203	0.000211	0.00274	0.0183
2145-04-01	119	1.68	0.0127	60.6	0.0328	0.00894	1.26	11.5	0.00622	3.76E-05	0.00108	7.22E-04	0.0899	0.0547	3.29E-05	1.58E-05	3.02E-05	0.00087	0.00203	0.000211	0.00275	0.0183
2145-05-01	119	1.68	0.0127	60.5	0.0328	0.00893	1.26	11.5	0.00622	3.76E-05	0.00108	7.21E-04	0.09	0.0546	3.29E-05	1.58E-05	3.02E-05	0.00087	0.00203	0.000211	0.00274	0.0183
2145-06-01	119	1.67	0.0127	60.4	0.0328	0.00892	1.26	11.5	0.00621	3.75E-05	0.00107	7.20E-04	0.0901	0.0546	3.28E-05	1.58E-05	3.02E-05	0.00087	0.00202	0.000211	0.00274	0.0183
2145-07-01	119	1.67	0.0127	60.4	0.0327	0.00891	1.26	11.5	0.0062	3.75E-05	0.00107	7.19E-04	0.0901	0.0546	3.28E-05	1.58E-05	3.02E-05	0.00087	0.00202	0.000211	0.00274	0.0183
2145-08-01	119	1.67	0.0127	60.3	0.0327	0.0089	1.26	11.4	0.0062	3.75E-05	0.00107	7.18E-04	0.0902	0.0546	3.28E-05	1.57E-05	3.02E-05	0.000871	0.00202	0.000211	0.00274	0.0183
2145-09-01	119	1.67	0.0127	60.3	0.0327	0.0089	1.26	11.4	0.00619	3.75E-05	0.00107	7.18E-04	0.0903	0.0546	3.28E-05	1.57E-05	3.02E-05	0.000872	0.00202	0.000212	0.00274	0.0183
2145-10-01	119	1.67	0.0127	60.3	0.0327	0.00889	1.26	11.4	0.00619	3.75E-05	0.00107	7.17E-04	0.0903	0.0546	3.27E-05	1.57E-05	3.02E-05	0.000872	0.00202	0.000212	0.00274	0.0183
2145-11-01	119	1.67	0.0127	60.2	0.0327	0.00889	1.26	11.4	0.00619	3.75E-05	0.00107	7.16E-04	0.0903	0.0546	3.27E-05	1.57E-05	3.02E-05	0.000873	0.00202	0.000212	0.00274	0.0183
2145-12-01	119	1.67	0.0126	60.2	0.0327	0.00888	1.26	11.4	0.00619	3.75E-05	0.00107	7.16E-04	0.0903	0.0546	3.27E-05	1.57E-05	3.02E-05	0.000873	0.00202	0.000212	0.00274	0.0183
2146-01-01	120	1.67	0.0126	60.2	0.0327	0.00888	1.26	11.4	0.00619	3.75E-05	0.00107	7.16E-04	0.0903	0.0546	3.27E-05	1.57E-05	3.02E-05	0.000874	0.00201	0.000212	0.00274	0.0183
2146-02-01	120	1.67	0.0126	60.2	0.0327	0.00888	1.26	11.4	0.00619	3.75E-05	0.00107	7.16E-04	0.0903	0.0547	3.27E-05	1.57E-05	3.02E-05	0.000875	0.00201	0.000212	0.00274	0.0183
2146-03-01	120	1.67	0.0126	60.2	0.0327	0.00888	1.26	11.4	0.00619	3.75E-05	0.00107	7.16E-04	0.0903	0.0547	3.27E-05	1.57E-05	3.02E-05	0.000876	0.00201	0.000212	0.00274	0.0183
2146-04-01	120	1.67	0.0126	60.2	0.0327	0.00888	1.26	11.4	0.00619	3.74E-05	0.00107	7.15E-04	0.0903	0.0547	3.27E-05	1.57E-05	3.02E-05	0.000877	0.00201	0.000212	0.00275	0.0183
2146-05-01	120	1.67	0.0126	60.1	0.0327	0.00887	1.26	11.4	0.00618	3.74E-05	0.00107	7.15E-04	0.0904	0.0547	3.27E-05	1.57E-05	3.02E-05	0.000878	0.00201	0.000212	0.00274	0.0183
2146-06-																						

Air Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2148-06-01	122	1.66	0.0125	59.3	0.0325	0.00875	1.27	11.3	0.00611	3.71E-05	0.00105	7.01E-04	0.0912	0.0548	3.22E-05	1.54E-05	3.02E-05	0.000892	0.00198	0.000213	0.00274	0.0182
2148-07-01	122	1.66	0.0125	59.3	0.0325	0.00874	1.27	11.3	0.0061	3.71E-05	0.00105	7.00E-04	0.0913	0.0548	3.22E-05	1.54E-05	3.02E-05	0.000892	0.00198	0.000213	0.00274	0.0182
2148-08-01	122	1.66	0.0125	59.2	0.0325	0.00873	1.27	11.3	0.0061	3.71E-05	0.00105	6.99E-04	0.0913	0.0548	3.22E-05	1.54E-05	3.02E-05	0.000892	0.00197	0.000213	0.00274	0.0182
2148-09-01	122	1.66	0.0124	59.2	0.0325	0.00873	1.27	11.3	0.0061	3.71E-05	0.00105	6.99E-04	0.0914	0.0548	3.21E-05	1.54E-05	3.02E-05	0.000893	0.00197	0.000213	0.00274	0.0182
2148-10-01	122	1.66	0.0124	59.2	0.0325	0.00872	1.27	11.3	0.00609	3.71E-05	0.00105	6.98E-04	0.0914	0.0548	3.21E-05	1.54E-05	3.02E-05	0.000893	0.00197	0.000214	0.00274	0.0182
2148-11-01	122	1.66	0.0124	59.1	0.0325	0.00872	1.27	11.3	0.00609	3.71E-05	0.00104	6.98E-04	0.0915	0.0548	3.21E-05	1.54E-05	3.02E-05	0.000894	0.00197	0.000214	0.00274	0.0182
2148-12-01	122	1.66	0.0124	59.1	0.0325	0.00871	1.27	11.3	0.00609	3.71E-05	0.00104	6.98E-04	0.0915	0.0548	3.21E-05	1.53E-05	3.02E-05	0.000895	0.00197	0.000214	0.00274	0.0182
2149-01-01	123	1.66	0.0124	59.1	0.0325	0.00871	1.27	11.3	0.00609	3.70E-05	0.00104	6.97E-04	0.0914	0.0548	3.21E-05	1.53E-05	3.02E-05	0.000896	0.00197	0.000214	0.00274	0.0182
2149-02-01	123	1.66	0.0124	59.1	0.0325	0.00871	1.27	11.3	0.00609	3.70E-05	0.00104	6.97E-04	0.0914	0.0549	3.21E-05	1.53E-05	3.02E-05	0.000897	0.00197	0.000214	0.00274	0.0182
2149-03-01	123	1.66	0.0124	59.1	0.0325	0.00871	1.27	11.3	0.00609	3.70E-05	0.00104	6.97E-04	0.0914	0.0549	3.21E-05	1.53E-05	3.01E-05	0.000898	0.00197	0.000214	0.00274	0.0182
2149-04-01	123	1.66	0.0124	59.1	0.0325	0.00871	1.27	11.3	0.00609	3.70E-05	0.00104	6.97E-04	0.0914	0.0549	3.21E-05	1.53E-05	3.01E-05	0.000898	0.00197	0.000214	0.00274	0.0182
2149-05-01	123	1.66	0.0124	59.1	0.0325	0.0087	1.27	11.3	0.00608	3.70E-05	0.00104	6.96E-04	0.0915	0.0549	3.20E-05	1.53E-05	3.01E-05	0.000899	0.00197	0.000214	0.00274	0.0182
2149-06-01	123	1.66	0.0124	59	0.0325	0.00869	1.27	11.3	0.00608	3.70E-05	0.00104	6.95E-04	0.0915	0.0549	3.20E-05	1.53E-05	3.01E-05	0.000899	0.00196	0.000214	0.00274	0.0182
2149-07-01	123	1.66	0.0124	58.9	0.0324	0.00868	1.27	11.3	0.00607	3.70E-05	0.00104	6.94E-04	0.0916	0.0548	3.20E-05	1.53E-05	3.01E-05	0.000899	0.00196	0.000214	0.00274	0.01

Q1 Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2154-03-01	128	1.64	0.0121	57.5	0.0321	0.00845	1.27	11.1	0.00594	3.64E-05	0.00101	6.69E-04	0.0932	0.0551	3.11E-05	1.48E-05	3.00E-05	0.000932	0.0019	0.000217	0.00274	0.018
2154-04-01	128	1.64	0.0121	57.5	0.0321	0.00845	1.27	11.1	0.00594	3.64E-05	0.00101	6.68E-04	0.0932	0.0552	3.11E-05	1.48E-05	3.00E-05	0.000933	0.0019	0.000217	0.00274	0.018
2154-05-01	128	1.64	0.0121	57.4	0.0321	0.00844	1.27	11.1	0.00593	3.64E-05	0.001	6.68E-04	0.0932	0.0552	3.11E-05	1.48E-05	3.00E-05	0.000933	0.0019	0.000217	0.00274	0.018
2154-06-01	128	1.64	0.0121	57.4	0.0321	0.00843	1.27	11.1	0.00592	3.64E-05	0.001	6.67E-04	0.0933	0.0551	3.10E-05	1.48E-05	3.00E-05	0.000933	0.00189	0.000217	0.00274	0.018
2154-07-01	128	1.64	0.0121	57.3	0.0321	0.00842	1.27	11.1	0.00592	3.64E-05	0.001	6.66E-04	0.0934	0.0551	3.10E-05	1.48E-05	3.00E-05	0.000933	0.00189	0.000217	0.00274	0.018
2154-08-01	128	1.63	0.0121	57.3	0.0321	0.00841	1.27	11.1	0.00591	3.63E-05	0.001	6.65E-04	0.0935	0.0551	3.10E-05	1.47E-05	3.00E-05	0.000933	0.00189	0.000217	0.00274	0.018
2154-09-01	128	1.63	0.0121	57.2	0.0321	0.00841	1.27	11.1	0.00591	3.63E-05	0.001	6.65E-04	0.0935	0.0551	3.10E-05	1.47E-05	3.00E-05	0.000934	0.00189	0.000217	0.00274	0.018
2154-10-01	128	1.63	0.012	57.2	0.032	0.00841	1.27	11.1	0.00591	3.63E-05	0.001	6.65E-04	0.0936	0.0551	3.10E-05	1.47E-05	3.00E-05	0.000934	0.00189	0.000217	0.00274	0.018
2154-11-01	128	1.63	0.012	57.2	0.032	0.0084	1.27	11.1	0.00591	3.63E-05	0.000999	6.64E-04	0.0936	0.0551	3.10E-05	1.47E-05	3.00E-05	0.000935	0.00189	0.000217	0.00274	0.018
2154-12-01	128	1.63	0.012	57.2	0.032	0.0084	1.27	11.1	0.0059	3.63E-05	0.000999	6.64E-04	0.0936	0.0551	3.09E-05	1.47E-05	3.00E-05	0.000935	0.00189	0.000217	0.00274	0.018
2155-01-01	129	1.63	0.012	57.2	0.032	0.0084	1.27	11.1	0.0059	3.63E-05	0.000999	6.64E-04	0.0936	0.0551	3.09E-05	1.47E-05	3.00E-05	0.000936	0.00189	0.000217	0.00274	0.018
2155-02-01	129	1.63	0.012	57.2	0.0321	0.0084	1.27	11.1	0.00591	3.63E-05	0.000998	6.63E-04	0.0936	0.0551	3.09E-05	1.47E-05	3.00E-05	0.000937	0.00189	0.000217	0.00274	0.018
2155-03-01	129	1.63	0.012	57.2	0.0321	0.0084	1.27	11.1	0.00591	3.63E-05	0.000998	6.63E-04	0.0936	0.0552	3.09E-05	1.47E-05	3.00E-05	0.000938	0.00189	0.000217	0.00274	0.018
2155-04-01	129	1.63	0.012	57.2	0.0321	0.0084	1.27	11.1	0.00591	3.63E-05	0.000998	6.63E-04	0.0936	0.0552	3.09E-05	1.47E-05	3.00E-05	0.000939	0.00189	0.000217	0.00274	0.018
2155-05-01	129	1.63	0.012	57.1	0.0321	0.00839	1.27	11.1	0.0059	3.63E-05	0.000997	6.63E-04	0.0936	0.0552	3.09E-05	1.47E-05	3.00E-05	0.000939	0.00188	0.000217	0.00274	0.018
2155-06-01	129	1.63	0.012	57	0.032	0.00838	1.27	11.1	0.00589	3.62E-05	0.000996	6.62E-04	0.0937	0.0551	3.09E-05	1.47E-05	3.00E-05	0.000939	0.00188	0.000217	0.00274	0.018
2155-07-01	129	1.63	0.012	57	0.032	0.00837	1.27	11.1	0.00589	3.62E-05	0.000995	6.61E-04	0.0938	0.0551	3.08E-05	1.47E-05	3.00E-05	0.000939	0.00188	0.000218	0.00274	0.018
2155-08-01	129	1.63	0.012	57	0.032	0.00837	1.27	11.1	0.00588	3.62E-05	0.000994	6.60E-04	0.0938	0.0551	3.08E-05	1.46E-05	3.00E-05	0.000939	0.00188	0.000218	0.00274	0.018
2155-09-01	129	1.63	0.012	56.9	0.032	0.00836	1.27	11.1	0.00588	3.62E-05	0.000994	6.60E-04	0.0939	0.0551	3.08E-05	1.46E-05	3.00E-05	0.00094	0.00188	0.000218	0.00274	0.018
2155-10-01	129	1.63	0.012	56.9	0.032	0.00836	1.27	11.1	0.00588	3.62E-05	0.000993	6.59E-04	0.0939	0.0551	3.08E-05	1.46E-05	3.00E-05	0.00094	0.00188	0.000218	0.00274	0.018
2155-11-01	129	1.63	0.012	56.9	0.032	0.00835	1.27	11.1	0.00588	3.62E-05	0.000992	6.59E-04	0.0939	0.0551	3.08E-05	1.46E-05	3.00E-05	0.000941	0.00188	0.000218	0.00274	0.018
2155-12-01	129	1.63	0.012	56.9	0.032	0.00835	1.27	11.1	0.00588	3.62E-05	0.000992	6.58E-04	0.0939	0.0551	3.08E-05	1.46E-05	3.00E-05	0.000941	0.00187	0.000218	0.00274	0.018
2156-01-01	130	1.63	0.012	56.8	0.032	0.00835	1.27	11.1	0.00588	3.62E-05	0.000992	6.58E-04	0.0939	0.0551	3.08E-05	1.46E-05	3.00E-05	0.000942	0.00187	0.000218	0.00274	0.018
2156-02-01	130	1.63	0.012	56.9	0.032	0.00835	1.27	11.1	0.00588	3.62E-05	0.000991	6.58E-04	0.0939	0.0552	3.08E-05	1.46E-05	3.00E-05	0.000943	0.00187	0.000218	0.00274	0.018
2156-03-01	130	1.63	0.012	56.9	0.032	0.00835	1.27	11.1	0.00588	3.62E-05	0.000991	6.58E-04	0.0939	0.0552	3.08E-05	1.46E-05	3.00E-05	0.000944	0.00187	0.000218	0.00274	0.018
2156-04-01	130	1.63	0.012	56.8	0.032	0.00835	1.28	11.1	0.00588	3.62E-05	0.000991	6.58E-04	0.0939	0.0552	3.07E-05	1.46E-05	3.00E-05	0.000945	0.00187	0.000218	0.00274	0.018
2156-05-01	130	1.63	0.012	56.8	0.032	0.00834	1.27	11.1	0.00587	3.62E-05	0.00099	6.57E-04	0.0939	0.0552	3.07E-05	1.46E-05	3.00E-05	0.000945	0.00187	0.000218	0.00274	0.018
2156-06-01	130	1.63	0.0119	56.7	0.0319	0.00833	1.27	11.1	0.00587	3.61E-05	0.000989	6.56E-04	0.094	0.0552	3.07E-05	1.46E-05	3.00E-05	0.000945	0.00187	0.000218	0.00274	0.0179
2156-07-01	130	1.63	0.0119	56.7	0.0319	0.00832	1.27	11	0.00586	3.61E-05	0.000988	6.56E-04	0.0941	0.0551	3.07E-05	1.46E-05	3.00E-05	0.000945	0.00187	0.000218	0.00274	0.0179
2156-08-01	130	1.63	0.0119	56.6	0.0319	0.00832	1.27	11	0.00586	3.61E-05	0.000987	6.55E-04	0.0942	0.0551	3.06E-05	1.45E-05	3.00E-05	0.000945	0.00187	0.000218	0.00273	0.0179
2156-09-01	130	1.63	0.0119	56.6	0.0319	0.00831	1.27	11	0.00585	3.61E-05	0.000987	6.55E-04	0.0942	0.0551	3.06E-05	1.45E-05	3.00E-05	0.000946	0.00187	0.000218	0.00273	0.0179
2156-10-01	130	1.63	0.0119	56.6	0.0319	0.00831	1.27	11	0.00585	3.61E-05	0.000986	6.54E-04	0.0943	0.0551	3.06E-05	1.45E-05	3.00E-05	0.000946	0.00186	0.000219	0.00273	0.0179
2156-11-01	130	1.63	0.0119	56.6	0.0319	0.0083	1.27	11	0.00585	3.61E-05	0.000985	6.54E-04	0.0943	0.0551	3.06E-05	1.45E-05	3.00E-05	0.000946	0.00186	0.000219	0.00273	0.0179
2156-12-01	130	1.63	0.0119	56.5	0.0319	0.0083	1.27	11	0.00585	3.61E-05	0.000985	6.53E-04	0.0943	0.0551	3.06E-05	1.45E-05	3.00E-05	0.000947	0.00186	0.000219	0.00273	0.0179
2157-01-01	131	1.63	0.0119	56.5	0.0319	0.0083	1.27	11	0.00585	3.61E-05	0.000985	6.53E-04	0.0943	0.0551	3.06E-05	1.45E-05	2.99E-05	0.000948	0.00186	0.000219	0.00274	0.0179
2157-02-01	131	1.63	0.0119	56.5	0.0319	0.0083	1.27	11	0.00585	3.61E-05	0.000985	6.53E-04	0.0943	0.0552	3.06E-05	1.45E-05	2.99E-05	0.000949	0.00186	0.000219	0.00274	0.0179
2157-03-01	131	1.63	0.0119	56.5	0.0319	0.0083	1.27	11	0.00585	3.61E-05	0.000984	6.53E-04	0.0943	0.0552	3.06E-05	1.45E-05	2.99E-05	0.00095	0.00186	0.000219	0.00274	0.0179
2157-04-01	131	1.63	0.0119	56.5	0.0319	0.0083	1.28	11	0.00585	3.61E-05	0.000984	6.53E-04	0.0943	0.0552	3.06E-05	1.45E-05	2.99E-05	0.00095	0.00186	0.000218	0.00274	0.0179
2157-05-01	131	1.63	0.0119	56.5	0.0319	0.00829	1.28	11	0.00584	3.60E-05	0.000983	6.52E-04	0.0943	0.0552	3.05E-05	1.45E-05	2.99E-05	0.000951	0.00186	0.000219	0.00274	0.0179
2157-06-01	131	1.62	0.0119	56.4	0.0319	0.00828	1.27	11	0.00584	3.60E-05	0.000982	6.51E-04	0.0944	0.0552	3.05E-05	1.45E-05	2.99E-05	0.00095	0.00186	0.000219	0.00273	0.0179
2157-07-01	131	1.62	0.0119	56.4	0.0319	0.00827	1.27	11	0.00583	3.60E-05	0.000981	6.51E-04	0.0945	0.0551	3.05E-05	1.45E-05	2.99E-05	0.00095	0.00186	0.000219	0.00273	0.0179
2157-08-01	131	1.62	0.0119	56.3	0.0318	0.00827	1.27	11	0.00583	3.60E-05	0.00098	6.50E-04	0.0945	0.0551	3.05E-05	1.45E-05	2.99E-05	0.000951	0.00185	0.000219	0.00273	0.0179
2157-09-01	131	1.62	0.0119	56.3	0.0318	0.00827	1.27	11	0.00583	3.60E-05	0.00098	6.50E-04	0.0946	0.0551	3.05E-05	1.44E-05	2.99E-05	0.000951	0.00185	0.000219	0.00273	0.0179
2157-10-01	131	1.62	0.0119	56.3	0.0318	0.00826	1.27	11	0.00582	3.60E-05	0.000979	6.49E-04	0.0946	0.0551	3.04E-05	1.44E-05	2.99E-05	0.000952	0.00185	0.000219	0.00273	0.0179
2157-11-01	131	1.62	0.0119	56.3	0.0318	0.00826	1.27	11	0.00582	3.60E-05	0.000979	6.49E-04	0.0946	0.0551	3.04E-05	1.44E-05	2.99E-05	0.000952	0.00185	0.000219	0.00273	0.0179
2157-12-01	131	1.62	0.011																			

Site Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2159-12-01	133	1.61	0.0117	55.7	0.0317	0.00816	1.27	10.9	0.00576	3.58E-05	0.000965	6.39E-04	0.0953	0.0551	3.01E-05	1.42E-05	2.98E-05	0.000963	0.00183	0.00022	0.00273	0.0178
2160-01-01	134	1.61	0.0117	55.7	0.0317	0.00816	1.27	10.9	0.00576	3.58E-05	0.000965	6.39E-04	0.0953	0.0551	3.01E-05	1.42E-05	2.98E-05	0.000964	0.00183	0.00022	0.00273	0.0178
2160-02-01	134	1.61	0.0117	55.7	0.0317	0.00816	1.27	10.9	0.00576	3.58E-05	0.000965	6.39E-04	0.0953	0.0552	3.01E-05	1.42E-05	2.98E-05	0.000965	0.00183	0.00022	0.00273	0.0178
2160-03-01	134	1.61	0.0117	55.7	0.0317	0.00816	1.27	10.9	0.00576	3.58E-05	0.000965	6.39E-04	0.0953	0.0552	3.01E-05	1.42E-05	2.98E-05	0.000965	0.00183	0.00022	0.00273	0.0178
2160-04-01	134	1.61	0.0117	55.7	0.0317	0.00816	1.28	10.9	0.00576	3.58E-05	0.000964	6.38E-04	0.0953	0.0552	3.01E-05	1.42E-05	2.98E-05	0.000966	0.00183	0.00022	0.00273	0.0178
2160-05-01	134	1.61	0.0117	55.6	0.0317	0.00815	1.27	10.9	0.00576	3.57E-05	0.000964	6.38E-04	0.0954	0.0552	3.00E-05	1.42E-05	2.98E-05	0.000966	0.00182	0.00022	0.00273	0.0178
2160-06-01	134	1.61	0.0117	55.6	0.0317	0.00814	1.27	10.9	0.00575	3.57E-05	0.000962	6.37E-04	0.0954	0.0551	3.00E-05	1.42E-05	2.98E-05	0.000966	0.00182	0.000221	0.00273	0.0178
2160-07-01	134	1.61	0.0117	55.5	0.0316	0.00814	1.27	10.9	0.00575	3.57E-05	0.000961	6.36E-04	0.0955	0.0551	3.00E-05	1.42E-05	2.98E-05	0.000966	0.00182	0.000221	0.00273	0.0178
2160-08-01	134	1.61	0.0117	55.5	0.0316	0.00813	1.27	10.9	0.00574	3.57E-05	0.000961	6.36E-04	0.0956	0.0551	3.00E-05	1.42E-05	2.98E-05	0.000966	0.00182	0.000221	0.00273	0.0178
2160-09-01	134	1.61	0.0117	55.5	0.0316	0.00813	1.27	10.9	0.00574	3.57E-05	0.00096	6.35E-04	0.0956	0.0551	3.00E-05	1.42E-05	2.98E-05	0.000967	0.00182	0.000221	0.00273	0.0178
2160-10-01	134	1.61	0.0117	55.4	0.0316	0.00812	1.27	10.9	0.00574	3.57E-05	0.00096	6.35E-04	0.0957	0.0551	3.00E-05	1.42E-05	2.98E-05	0.000967	0.00182	0.000221	0.00273	0.0178
2160-11-01	134	1.61	0.0117	55.4	0.0316	0.00812	1.27	10.9	0.00574	3.57E-05	0.000959	6.35E-04	0.0957	0.0551	2.99E-05	1.42E-05	2.98E-05	0.000967	0.00182	0.000221	0.00273	0.0178
2160-12-01	134	1.61	0.0117	55.4	0.0316	0.00812	1.27	10.9	0.00574	3.57E-05	0.000959	6.34E-04	0.0957	0.0551	2.99E-05	1.42E-05	2.98E-05	0.000968	0.00182	0.000221	0.00273	0.0178
2161-01-01	135	1.61	0.0117	55.4	0.0316	0.00812	1.27	10.9	0.00574	3.57E-05	0.000959	6.34E-04	0.0957	0.0551	2.99E-05	1.42E-05	2.98E-05	0.000969	0.00182	0.000221	0.00273	0.0178
2161-02-01	135	1.61	0.0117	55.4	0.0316	0.00812	1.27	10.9	0.00574	3.57E-05	0.000958	6.34E-04	0.0957	0.0551	2.99E-05	1.42E-05	2.98E-05	0.000969	0.00182	0.000221	0.00273	0.0178
2161-03-01	135	1.61	0.0117	55.4	0.0316	0.00812	1.27	10.9	0.00574	3.57E-05	0.000958	6.34E-04	0.0957	0.0552	2.99E-05	1.42E-05	2.98E-05	0.00097	0.00182	0.000221	0.00273	0.0178
2161-04-01	135	1.61	0.0117	55.4	0.0316	0.00812	1.27	10.9	0.00574	3.57E-05	0.000958	6.34E-04	0.0957	0.0552	2.99E-05	1.41E-05	2.98E-05	0.000971	0.00181	0.000221	0.00273	0.0178
2161-05-01	135	1.61	0.0117	55.3	0.0316	0.00811	1.27	10.9	0.00573	3.56E-05	0.000957	6.33E-04	0.0957	0.0552	2.99E-05	1.41E-05	2.98E-05	0.000971	0.00181	0.000221	0.00273	0.0178
2161-06-01	135	1.61	0.0117	55.3	0.0316	0.0081	1.27	10.9	0.00573	3.56E-05	0.000956	6.32E-04	0.0958	0.0551	2.99E-05	1.41E-05	2.98E-05	0.000971	0.00181	0.000221	0.00273	0.0178
2161-07-01	135	1.61	0.0116	55.2	0.0316	0.00809	1.27	10.9	0.00572	3.56E-05	0.000955	6.32E-04	0.0959	0.0551	2.98E-05	1.41E-05	2.98E-05	0.000971	0.00181	0.000221	0.00272	0.0177
2161-08-01	135	1.61	0.0116	55.2	0.0315	0.00809	1.27	10.9	0.00572	3.56E-05	0.000955	6.31E-04	0.0959	0.0551	2.98E-05	1.41E-05	2.98E-05	0.000971	0.00181	0.000222	0.00272	0.0177
2161-09-01	135	1.61	0.0116	55.2	0.0315	0.00808	1.27	10.9	0.00572	3.56E-05	0.000954	6.31E-04	0.096	0.0551	2.98E-05	1.41E-05	2.98E-05	0.000971	0.00181	0.000222	0.00272	0.0177
2161-10-01	135	1.6	0.0116	55.1	0.0315	0.00808	1.27	10.9	0.00571	3.56E-05	0.000954	6.30E-04	0.096	0.0551	2.98E-05	1.41E-05	2.98E-05	0.000972	0.00181	0.000222	0.00272	0.0177
2161-11-01	135	1.6	0.0116	55.1	0.0315	0.00807	1.27	10.9	0.00571	3.56E-05	0.000953	6.30E-04	0.096	0.0551	2.98E-05	1.41E-05	2.98E-05	0.000972	0.00181	0.000222	0.00272	0.0177
2161-12-01	135	1.6	0.0116	55.1	0.0315	0.00807	1.27	10.9	0.00571	3.56E-05	0.000953	6.30E-04	0.096	0.0551	2.98E-05	1.41E-05	2.98E-05	0.000972	0.00181	0.000222	0.00272	0.0177
2162-01-01	136	1.6	0.0116	55.1	0.0315	0.00807	1.27	10.9	0.00571	3.56E-05	0.000952	6.30E-04	0.096	0.0551	2.98E-05	1.41E-05	2.97E-05	0.000973	0.0018	0.000222	0.00272	0.0177
2162-02-01	136	1.6	0.0116	55.1	0.0315	0.00807	1.27	10.9	0.00571	3.56E-05	0.000952	6.29E-04	0.096	0.0551	2.98E-05	1.41E-05	2.97E-05	0.000974	0.0018	0.000222	0.00272	0.0177
2162-03-01	136	1.6	0.0116	55.1	0.0315	0.00807	1.27	10.9	0.00571	3.56E-05	0.000952	6.29E-04	0.096	0.0551	2.97E-05	1.41E-05	2.97E-05	0.000975	0.0018	0.000222	0.00272	0.0177
2162-04-01	136	1.6	0.0116	55.1	0.0316	0.00807	1.27	10.9	0.00571	3.56E-05	0.000952	6.29E-04	0.096	0.0551	2.97E-05	1.41E-05	2.97E-05	0.000975	0.0018	0.000222	0.00273	0.0177
2162-05-01	136	1.6	0.0116	55.1	0.0315	0.00807	1.27	10.9	0.00571	3.55E-05	0.000951	6.29E-04	0.0961	0.0551	2.97E-05	1.41E-05	2.97E-05	0.000976	0.0018	0.000222	0.00272	0.0177
2162-06-01	136	1.6	0.0116	55	0.0315	0.00805	1.27	10.8	0.0057	3.55E-05	0.00095	6.28E-04	0.0961	0.0551	2.97E-05	1.40E-05	2.97E-05	0.000975	0.0018	0.000222	0.00272	0.0177
2162-07-01	136	1.6	0.0116	54.9	0.0315	0.00805	1.27	10.8	0.00569	3.55E-05	0.000949	6.27E-04	0.0962	0.0551	2.97E-05	1.40E-05	2.97E-05	0.000975	0.0018	0.000222	0.00272	0.0177
2162-08-01	136	1.6	0.0116	54.9	0.0315	0.00804	1.27	10.8	0.00569	3.55E-05	0.000948	6.27E-04	0.0963	0.055	2.97E-05	1.40E-05	2.97E-05	0.000975	0.0018	0.000222	0.00272	0.0177
2162-09-01	136	1.6	0.0116	54.9	0.0315	0.00804	1.27	10.8	0.00569	3.55E-05	0.000948	6.26E-04	0.0963	0.055	2.96E-05	1.40E-05	2.97E-05	0.000976	0.0018	0.000222	0.00272	0.0177
2162-10-01	136	1.6	0.0116	54.9	0.0315	0.00803	1.27	10.8	0.00569	3.55E-05	0.000947	6.26E-04	0.0964	0.055	2.96E-05	1.40E-05	2.97E-05	0.000976	0.0018	0.000222	0.00272	0.0177
2162-11-01	136	1.6	0.0116	54.8	0.0315	0.00803	1.27	10.8	0.00568	3.55E-05	0.000947	6.26E-04	0.0964	0.055	2.96E-05	1.40E-05	2.97E-05	0.000976	0.0018	0.000222	0.00272	0.0177
2162-12-01	136	1.6	0.0116	54.8	0.0315	0.00803	1.27	10.8	0.00568	3.55E-05	0.000946	6.25E-04	0.0964	0.055	2.96E-05	1.40E-05	2.97E-05	0.000977	0.00179	0.000222	0.00272	0.0177
2163-01-01	137	1.6	0.0116	54.8	0.0315	0.00803	1.27	10.8	0.00568	3.55E-05	0.000946	6.25E-04	0.0964	0.0551	2.96E-05	1.40E-05	2.97E-05	0.000978	0.00179	0.000222	0.00272	0.0177
2163-02-01	137	1.6	0.0116	54.8	0.0315	0.00803	1.27	10.8	0.00568	3.55E-05	0.000946	6.25E-04	0.0964	0.0551	2.96E-05	1.40E-05	2.97E-05	0.000978	0.00179	0.000222	0.00272	0.0177
2163-03-01	137	1.6	0.0116	54.8	0.0315	0.00803	1.27	10.8	0.00568	3.55E-05	0.000946	6.25E-04	0.0964	0.0551	2.96E-05	1.40E-05	2.97E-05	0.000979	0.00179	0.000222	0.00272	0.0177
2163-04-01	137	1.6	0.0116	54.8	0.0315	0.00803	1.27	10.8	0.00568	3.55E-05	0.000946	6.25E-04	0.0964	0.0551	2.96E-05	1.40E-05	2.97E-05	0.00098	0.00179	0.000222	0.00272	0.0177
2163-05-01	137	1.6	0.0116	54.8	0.0315	0.00802	1.27	10.8	0.00568	3.55E-05	0.000945	6.24E-04	0.0964	0.0551	2.96E-05	1.40E-05	2.97E-05	0.00098	0.00179	0.000222	0.00272	0.0177
2163-06-01	137	1.6	0.0116	54.7	0.0314	0.00801	1.27	10.8	0.00567	3.54E-05	0.000944	6.23E-04	0.0965	0.055	2.95E-05	1.40E-05	2.97E-05	0.00098	0.00179	0.000223	0.00272	0.0177
2163-07-01	137	1.6	0.0115	54.7	0.0314	0.008	1.27	10.8	0.00567	3.54E-05	0.000943	6.23E-04	0.0966	0.055	2.95E-05	1.39E-05	2.97E-05	0.000979	0.00179	0.000223	0.00272	0.0177
2163-08-01	137	1.6	0.0115	54.6	0.0314	0.008	1.27	10.8	0.00566	3.54E-05	0.000942	6.22E-04	0.0966	0.055	2.95E-05	1.39E-05	2.97E-05	0.00098	0.00179			

Air Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2165-09-01	139	1.59	0.0114	54.1	0.0312	0.00791	1.27	10.7	0.00561	3.52E-05	0.00093	6.14E-04	0.0974	0.0549	2.92E-05	1.38E-05	2.96E-05	0.000988	0.00177	0.000224	0.00271	0.0176
2165-10-01	139	1.59	0.0114	54	0.0312	0.00791	1.27	10.7	0.00561	3.52E-05	0.00093	6.13E-04	0.0974	0.0549	2.92E-05	1.38E-05	2.96E-05	0.000988	0.00177	0.000224	0.00271	0.0176
2165-11-01	139	1.59	0.0114	54	0.0312	0.0079	1.27	10.7	0.00561	3.52E-05	0.000929	6.13E-04	0.0975	0.0549	2.92E-05	1.38E-05	2.95E-05	0.000988	0.00176	0.000224	0.00271	0.0176
2165-12-01	139	1.59	0.0114	54	0.0312	0.0079	1.27	10.7	0.0056	3.52E-05	0.000929	6.13E-04	0.0975	0.0549	2.91E-05	1.37E-05	2.95E-05	0.000989	0.00176	0.000224	0.00271	0.0176
2166-01-01	140	1.59	0.0114	54	0.0312	0.0079	1.27	10.7	0.0056	3.52E-05	0.000929	6.12E-04	0.0975	0.0549	2.91E-05	1.37E-05	2.95E-05	0.000989	0.00176	0.000224	0.00271	0.0176
2166-02-01	140	1.59	0.0114	54	0.0312	0.0079	1.27	10.7	0.0056	3.52E-05	0.000929	6.12E-04	0.0974	0.0549	2.91E-05	1.37E-05	2.95E-05	0.00099	0.00176	0.000224	0.00271	0.0176
2166-03-01	140	1.59	0.0114	54	0.0312	0.0079	1.27	10.7	0.0056	3.52E-05	0.000928	6.12E-04	0.0974	0.055	2.91E-05	1.37E-05	2.95E-05	0.000991	0.00176	0.000224	0.00271	0.0176
2166-04-01	140	1.59	0.0114	54	0.0312	0.0079	1.27	10.7	0.0056	3.52E-05	0.000928	6.12E-04	0.0974	0.055	2.91E-05	1.37E-05	2.95E-05	0.000992	0.00176	0.000224	0.00271	0.0176
2166-05-01	140	1.59	0.0114	54	0.0312	0.00789	1.27	10.7	0.0056	3.52E-05	0.000928	6.12E-04	0.0975	0.0549	2.91E-05	1.37E-05	2.95E-05	0.000992	0.00176	0.000224	0.00271	0.0176
2166-06-01	140	1.58	0.0114	53.9	0.0312	0.00788	1.27	10.7	0.00559	3.52E-05	0.000926	6.11E-04	0.0976	0.0549	2.91E-05	1.37E-05	2.95E-05	0.000991	0.00176	0.000225	0.00271	0.0175
2166-07-01	140	1.58	0.0114	53.9	0.0312	0.00788	1.27	10.7	0.00559	3.52E-05	0.000926	6.10E-04	0.0976	0.0549	2.91E-05	1.37E-05	2.95E-05	0.000991	0.00176	0.000225	0.00271	0.0175
2166-08-01	140	1.58	0.0114	53.8	0.0312	0.00787	1.27	10.7	0.00559	3.52E-05	0.000925	6.10E-04	0.0977	0.0549	2.90E-05	1.37E-05	2.95E-05	0.000991	0.00176	0.000225	0.00271	0.0175
2166-09-01	140	1.58	0.0114	53.8	0.0312	0.00787	1.27	10.7	0.00559	3.52E-05	0.000925	6.10E-04	0.0977	0.0549	2.90E-05	1.37E-05	2.95E-05	0.000992	0.00176	0.000225	0.00271	0.0175
2166-10-01	140	1.58	0.0114	53.8	0.0312	0.00787	1.27	10.7	0.00558	3.52E-05	0.000924	6.09E-04	0.0978	0.0548	2.90E-05	1.37E-05	2.95E-05	0.000992	0.00176	0.000225	0.00271	0.0175
2166-11-01	140	1.58	0.0114	53.8	0.0312	0.00786	1.27	10.7	0.00558	3.51E-05	0.000924	6.09E-04	0.0978	0.0548	2.90E-05	1.37E-05	2.95E-05	0.000992	0.00175	0.000225	0.00271	0.0175
2166-12-01	140	1.58	0.0114	53.7	0.0311	0.00786	1.27	10.7	0.00558	3.51E-05	0.000923	6.08E-04	0.0978	0.0548	2.90E-05	1.37E-05	2.95E-05	0.000992	0.00175	0.000225	0.00271	0.0175
2167-01-01	141	1.58	0.0114	53.7	0.0312	0.00786	1.27	10.7	0.00558	3.51E-05	0.000923	6.08E-04	0.0978	0.0549	2.90E-05	1.37E-05	2.95E-05	0.000993	0.00175	0.000225	0.00271	0.0175
2167-02-01	141	1.58	0.0114	53.7	0.0312	0.00786	1.27	10.7	0.00558	3.51E-05	0.000923	6.08E-04	0.0978	0.0549	2.90E-05	1.37E-05	2.95E-05	0.000994	0.00175	0.000225	0.00271	0.0175
2167-03-01	141	1.58	0.0114	53.7	0.0312	0.00786	1.27	10.7	0.00558	3.51E-05	0.000923	6.08E-04	0.0978	0.0549	2.90E-05	1.37E-05	2.95E-05	0.000994	0.00175	0.000225	0.00271	0.0175
2167-04-01	141	1.58	0.0114	53.7	0.0312	0.00786	1.27	10.7	0.00558	3.51E-05	0.000923	6.08E-04	0.0978	0.0549	2.90E-05	1.37E-05	2.95E-05	0.000995	0.00175	0.000225	0.00271	0.0175
2167-05-01	141	1.58	0.0114	53.7	0.0312	0.00785	1.27	10.7	0.00558	3.51E-05	0.000922	6.08E-04	0.0978	0.0549	2.90E-05	1.37E-05	2.95E-05	0.000995	0.00175	0.000225	0.00271	0.0175
2167-06-01	141	1.58	0.0113	53.6	0.0311	0.00784	1.27	10.7	0.00557	3.51E-05	0.000921	6.07E-04	0.0979	0.0548	2.89E-05	1.36E-05	2.95E-05	0.000995	0.00175	0.000225	0.0027	0.0175
2167-07-01	141	1.58	0.0113	53.6	0.0311	0.00784	1.27	10.7	0.00556	3.51E-05	0.00092	6.06E-04	0.098	0.0548	2.89E-05	1.36E-05	2.95E-05	0.000994	0.00175	0.000225	0.0027	0.0175
2167-08-01	141	1.58	0.0113	53.6	0.0311	0.00783	1.27	10.7	0.00556	3.51E-05	0.000919	6.06E-04	0.0981	0.0548	2.89E-05	1.36E-05	2.95E-05	0.000995	0.00175	0.000225	0.0027	0.0175
2167-09-01	141	1.58	0.0113	53.5	0.0311	0.00783	1.27	10.7	0.00556	3.51E-05	0.000919	6.06E-04	0.0981	0.0548	2.89E-05	1.36E-05	2.95E-05	0.000995	0.00175	0.000226	0.0027	0.0175
2167-10-01	141	1.58	0.0113	53.5	0.0311	0.00782	1.27	10.7	0.00556	3.51E-05	0.000919	6.05E-04	0.0981	0.0548	2.89E-05	1.36E-05	2.94E-05	0.000995	0.00175	0.000226	0.0027	0.0175
2167-11-01	141	1.58	0.0113	53.5	0.0311	0.00782	1.27	10.6	0.00555	3.51E-05	0.000918	6.05E-04	0.0982	0.0548	2.89E-05	1.36E-05	2.94E-05	0.000995	0.00175	0.000226	0.0027	0.0175
2167-12-01	141	1.58	0.0113	53.5	0.0311	0.00782	1.27	10.6	0.00555	3.51E-05	0.000918	6.04E-04	0.0982	0.0548	2.89E-05	1.36E-05	2.94E-05	0.000996	0.00174	0.000226	0.0027	0.0175
2168-01-01	142	1.58	0.0113	53.5	0.0311	0.00782	1.27	10.6	0.00555	3.51E-05	0.000917	6.04E-04	0.0982	0.0548	2.89E-05	1.36E-05	2.94E-05	0.000996	0.00174	0.000226	0.0027	0.0175
2168-02-01	142	1.58	0.0113	53.5	0.0311	0.00782	1.27	10.6	0.00555	3.51E-05	0.000917	6.04E-04	0.0981	0.0548	2.88E-05	1.36E-05	2.94E-05	0.000997	0.00174	0.000226	0.0027	0.0175
2168-03-01	142	1.58	0.0113	53.5	0.0311	0.00782	1.27	10.7	0.00555	3.51E-05	0.000917	6.04E-04	0.0981	0.0548	2.88E-05	1.36E-05	2.94E-05	0.000998	0.00174	0.000226	0.0027	0.0175
2168-04-01	142	1.58	0.0113	53.5	0.0311	0.00782	1.27	10.7	0.00555	3.50E-05	0.000917	6.04E-04	0.0981	0.0548	2.88E-05	1.36E-05	2.94E-05	0.000998	0.00174	0.000226	0.0027	0.0175
2168-05-01	142	1.58	0.0113	53.4	0.0311	0.00781	1.27	10.6	0.00555	3.50E-05	0.000916	6.04E-04	0.0982	0.0548	2.88E-05	1.36E-05	2.94E-05	0.000998	0.00174	0.000226	0.0027	0.0175
2168-06-01	142	1.58	0.0113	53.4	0.031	0.0078	1.27	10.6	0.00554	3.50E-05	0.000915	6.03E-04	0.0983	0.0548	2.88E-05	1.36E-05	2.94E-05	0.000998	0.00174	0.000226	0.0027	0.0175
2168-07-01	142	1.57	0.0113	53.3	0.031	0.0078	1.27	10.6	0.00554	3.50E-05	0.000915	6.02E-04	0.0983	0.0547	2.88E-05	1.36E-05	2.94E-05	0.000998	0.00174	0.000226	0.0027	0.0174
2168-08-01	142	1.57	0.0113	53.3	0.031	0.00779	1.27	10.6	0.00554	3.50E-05	0.000914	6.02E-04	0.0984	0.0547	2.88E-05	1.35E-05	2.94E-05	0.000998	0.00174	0.000226	0.0027	0.0174
2168-09-01	142	1.57	0.0113	53.3	0.031	0.00779	1.27	10.6	0.00553	3.50E-05	0.000914	6.02E-04	0.0984	0.0547	2.88E-05	1.35E-05	2.94E-05	0.000998	0.00174	0.000226	0.0027	0.0174
2168-10-01	142	1.57	0.0113	53.3	0.031	0.00778	1.27	10.6	0.00553	3.50E-05	0.000913	6.01E-04	0.0985	0.0547	2.87E-05	1.35E-05	2.94E-05	0.000998	0.00174	0.000226	0.0027	0.0174
2168-11-01	142	1.57	0.0113	53.2	0.031	0.00778	1.27	10.6	0.00553	3.50E-05	0.000913	6.01E-04	0.0985	0.0547	2.87E-05	1.35E-05	2.94E-05	0.000998	0.00174	0.000226	0.0027	0.0174
2168-12-01	142	1.57	0.0113	53.2	0.031	0.00778	1.27	10.6	0.00553	3.50E-05	0.000912	6.01E-04	0.0985	0.0547	2.87E-05	1.35E-05	2.94E-05	0.000999	0.00174	0.000226	0.0027	0.0174
2169-01-01	143	1.57	0.0113	53.2	0.031	0.00778	1.27	10.6	0.00553	3.50E-05	0.000912	6.00E-04	0.0985	0.0547	2.87E-05	1.35E-05	2.94E-05	0.000999	0.00174	0.000226	0.0027	0.0174
2169-02-01	143	1.57	0.0113	53.2	0.031	0.00778	1.27	10.6	0.00553	3.50E-05	0.000912	6.00E-04	0.0985	0.0547	2.87E-05	1.35E-05	2.94E-05	0.001	0.00173	0.000226	0.0027	0.0174
2169-03-01	143	1.57	0.0113	53.2	0.031	0.00778	1.27	10.6	0.00553	3.50E-05	0.000912	6.00E-04	0.0985	0.0548	2.87E-05	1.35E-05	2.94E-05	0.001	0.00173	0.000226	0.0027	0.0174
2169-04-01	143	1.57	0.0113	53.2	0.031	0.00778	1.27	10.6	0.00553	3.50E-05	0.000912	6.00E-04	0.0985	0.0548	2.87E-05	1.35E-05	2.94E-05	0.001	0.00173	0.000226	0.0027	0.0174
2169-05-01	143	1.57	0.0113	53.2	0.031	0.00777	1.27	10.6	0.00553	3.50E-05	0.000911	6.00E-04	0.0985	0.0547	2.87E-05	1.35E-05	2.94E-05	0.001	0.00173	0.000226		

Hit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2171-06-01	145	1.56	0.0112	52.6	0.0308	0.00768	1.26	10.5	0.00547	3.48E-05	0.000899	5.91E-04	0.0093	0.0545	2.84E-05	1.34E-05	2.92E-05	0.00101	0.00171	0.000228	0.00269	0.0173
2171-07-01	145	1.56	0.0111	52.6	0.0308	0.00768	1.26	10.5	0.00547	3.48E-05	0.000899	5.91E-04	0.0094	0.0545	2.84E-05	1.33E-05	2.92E-05	0.00101	0.00171	0.000228	0.00269	0.0173
2171-08-01	145	1.56	0.0111	52.5	0.0308	0.00767	1.26	10.5	0.00546	3.48E-05	0.000898	5.90E-04	0.0095	0.0545	2.83E-05	1.33E-05	2.92E-05	0.00101	0.00171	0.000228	0.00268	0.0173
2171-09-01	145	1.56	0.0111	52.5	0.0308	0.00767	1.26	10.5	0.00546	3.48E-05	0.000898	5.90E-04	0.0095	0.0545	2.83E-05	1.33E-05	2.92E-05	0.00101	0.00171	0.000228	0.00268	0.0173
2171-10-01	145	1.56	0.0111	52.5	0.0308	0.00767	1.26	10.5	0.00546	3.48E-05	0.000897	5.90E-04	0.0095	0.0545	2.83E-05	1.33E-05	2.92E-05	0.00101	0.00171	0.000228	0.00268	0.0173
2171-11-01	145	1.56	0.0111	52.5	0.0308	0.00766	1.26	10.5	0.00546	3.48E-05	0.000897	5.90E-04	0.0096	0.0545	2.83E-05	1.33E-05	2.92E-05	0.00101	0.00171	0.000228	0.00268	0.0173
2171-12-01	145	1.56	0.0111	52.5	0.0308	0.00766	1.26	10.5	0.00545	3.48E-05	0.000896	5.89E-04	0.0096	0.0545	2.83E-05	1.33E-05	2.92E-05	0.00101	0.00171	0.000228	0.00268	0.0173
2172-01-01	146	1.56	0.0111	52.5	0.0308	0.00766	1.26	10.5	0.00545	3.48E-05	0.000896	5.89E-04	0.0096	0.0545	2.83E-05	1.33E-05	2.92E-05	0.00101	0.00171	0.000228	0.00268	0.0173
2172-02-01	146	1.56	0.0111	52.5	0.0308	0.00766	1.26	10.5	0.00545	3.48E-05	0.000896	5.89E-04	0.0096	0.0545	2.83E-05	1.33E-05	2.92E-05	0.00101	0.00171	0.000228	0.00268	0.0173
2172-03-01	146	1.56	0.0111	52.5	0.0308	0.00766	1.26	10.5	0.00545	3.48E-05	0.000896	5.89E-04	0.0096	0.0545	2.83E-05	1.33E-05	2.92E-05	0.00101	0.00171	0.000228	0.00268	0.0173
2172-04-01	146	1.56	0.0111	52.5	0.0308	0.00766	1.26	10.5	0.00545	3.48E-05	0.000896	5.89E-04	0.0096	0.0545	2.83E-05	1.33E-05	2.92E-05	0.00101	0.00171	0.000228	0.00268	0.0173
2172-05-01	146	1.56	0.0111	52.4	0.0308	0.00765	1.26	10.5	0.00545	3.47E-05	0.000895	5.89E-04	0.0096	0.0545	2.83E-05	1.33E-05	2.92E-05	0.00101	0.00171	0.000228	0.00268	0.0173
2172-06-01	146	1.56	0.0111	52.4	0.0307	0.00765	1.26	10.5	0.00545	3.47E-05	0.000894	5.88E-04	0.0097	0.0544	2.82E-05	1.33E-05	2.92E-05	0.00101	0.0017	0.000228	0.00268	0.0173
2172-07-01	146	1.56	0.0111	52.3	0.0307	0.00764	1.26	10.5	0.00544	3.47E-05	0.000894	5.87E-04	0.0097	0.0544	2.82E-05	1.33E-05	2.92E-05	0.00101	0.0017	0.000229	0.00268	

Fit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2177-03-01	151	1.53	0.0109	51.3	0.0304	0.00747	1.25	10.3	0.00534	3.44E-05	0.000872	5.72E-04	0.101	0.054	2.76E-05	1.30E-05	2.89E-05	0.00102	0.00167	0.000232	0.00266	0.017
2177-04-01	151	1.53	0.0109	51.3	0.0304	0.00747	1.25	10.3	0.00534	3.44E-05	0.000872	5.72E-04	0.101	0.054	2.76E-05	1.30E-05	2.89E-05	0.00102	0.00167	0.000232	0.00266	0.017
2177-05-01	151	1.53	0.0109	51.2	0.0304	0.00747	1.25	10.3	0.00533	3.44E-05	0.000871	5.71E-04	0.101	0.054	2.76E-05	1.30E-05	2.89E-05	0.00102	0.00167	0.000232	0.00266	0.017
2177-06-01	151	1.53	0.0109	51.2	0.0303	0.00746	1.25	10.3	0.00533	3.44E-05	0.00087	5.71E-04	0.101	0.0539	2.76E-05	1.30E-05	2.88E-05	0.00102	0.00166	0.000232	0.00266	0.017
2177-07-01	151	1.53	0.0109	51.1	0.0303	0.00746	1.25	10.3	0.00532	3.44E-05	0.000869	5.70E-04	0.102	0.0539	2.76E-05	1.30E-05	2.88E-05	0.00102	0.00166	0.000232	0.00265	0.017
2177-08-01	151	1.53	0.0109	51.1	0.0303	0.00745	1.25	10.3	0.00532	3.44E-05	0.000869	5.70E-04	0.102	0.0539	2.76E-05	1.29E-05	2.88E-05	0.00102	0.00166	0.000232	0.00265	0.017
2177-09-01	151	1.53	0.0109	51.1	0.0303	0.00745	1.25	10.3	0.00532	3.44E-05	0.000869	5.70E-04	0.102	0.0539	2.76E-05	1.29E-05	2.88E-05	0.00102	0.00166	0.000232	0.00265	0.017
2177-10-01	151	1.53	0.0109	51.1	0.0303	0.00745	1.25	10.3	0.00532	3.44E-05	0.000868	5.69E-04	0.102	0.0539	2.75E-05	1.29E-05	2.88E-05	0.00102	0.00166	0.000232	0.00265	0.017
2177-11-01	151	1.53	0.0109	51.1	0.0303	0.00744	1.25	10.3	0.00531	3.44E-05	0.000868	5.69E-04	0.102	0.0539	2.75E-05	1.29E-05	2.88E-05	0.00102	0.00166	0.000232	0.00265	0.017
2177-12-01	151	1.53	0.0109	51	0.0303	0.00744	1.25	10.3	0.00531	3.44E-05	0.000867	5.69E-04	0.102	0.0538	2.75E-05	1.29E-05	2.88E-05	0.00102	0.00166	0.000232	0.00265	0.017
2178-01-01	152	1.53	0.0109	51	0.0303	0.00744	1.25	10.3	0.00531	3.44E-05	0.000867	5.69E-04	0.102	0.0539	2.75E-05	1.29E-05	2.88E-05	0.00102	0.00166	0.000232	0.00265	0.017
2178-02-01	152	1.53	0.0109	51	0.0303	0.00744	1.25	10.3	0.00531	3.44E-05	0.000867	5.69E-04	0.102	0.0539	2.75E-05	1.29E-05	2.88E-05	0.00102	0.00166	0.000232	0.00265	0.017
2178-03-01	152	1.53	0.0109	51	0.0303	0.00744	1.25	10.3	0.00531	3.44E-05	0.000867	5.69E-04	0.102	0.0539	2.75E-05	1.29E-05	2.88E-05	0.00102	0.00166	0.000232	0.00265	0.017
2178-04-01	152	1.53	0.0109	51	0.0303	0.00744	1.25	10.3	0.00531	3.44E-05	0.000867	5.68E-04	0.102	0.0539	2.75E-05	1.29E-05	2.88E-05	0.00102	0.00166	0.000232	0.00265	0.017
2178-05-01	152	1.53	0.0109	51	0.0303	0.00743	1.25	10.3	0.00531	3.44E-05	0.000866	5.68E-04	0.102	0.0539	2.75E-05	1.29E-05	2.88E-05	0.00102	0.00166	0.000232	0.00265	0.017
2178-06-01	152	1.53	0.0109	50.9	0.0302	0.00743	1.25	10.3	0.0053	3.43E-05	0.000865	5.67E-04	0.102	0.0538	2.75E-05	1.29E-05	2.88E-05	0.00102	0.00166	0.000233	0.00265	0.017
2178-07-01	152	1.53	0.0108	50.9	0.0302	0.00742	1.25	10.3	0.0053	3.43E-05	0.000865	5.67E-04	0.102	0.0538	2.75E-05	1.29E-05	2.88E-05	0.00102	0.00166	0.000233	0.00265	0.017
2178-08-01	152	1.53	0.0108	50.9	0.0302	0.00742	1.25	10.3	0.0053	3.43E-05	0.000864	5.67E-04	0.102	0.0538	2.74E-05	1.29E-05	2.87E-05	0.00102	0.00165	0.000233	0.00265	0.017
2178-09-01	152	1.53	0.0108	50.9	0.0302	0.00741	1.25	10.3	0.0053	3.43E-05	0.000864	5.66E-04	0.102	0.0538	2.74E-05	1.29E-05	2.87E-05	0.00102	0.00165	0.000233	0.00265	0.0169
2178-10-01	152	1.52	0.0108	50.8	0.0302	0.00741	1.25	10.3	0.00529	3.43E-05	0.000863	5.66E-04	0.102	0.0537	2.74E-05	1.29E-05	2.87E-05	0.00102	0.00165	0.000233	0.00265	0.0169
2178-11-01	152	1.52	0.0108	50.8	0.0302	0.00741	1.25	10.3	0.00529	3.43E-05	0.000863	5.66E-04	0.102	0.0537	2.74E-05	1.29E-05	2.87E-05	0.00102	0.00165	0.000233	0.00265	0.0169
2178-12-01	152	1.52	0.0108	50.8	0.0302	0.0074	1.25	10.3	0.00529	3.43E-05	0.000863	5.65E-04	0.102	0.0537	2.74E-05	1.29E-05	2.87E-05	0.00102	0.00165	0.000233	0.00265	0.0169
2179-01-01	153	1.52	0.0108	50.8	0.0302	0.0074	1.25	10.3	0.00529	3.43E-05	0.000863	5.65E-04	0.102	0.0537	2.74E-05	1.29E-05	2.87E-05	0.00102	0.00165	0.000233	0.00265	0.0169
2179-02-01	153	1.52	0.0108	50.8	0.0302	0.0074	1.25	10.3	0.00529	3.43E-05	0.000863	5.65E-04	0.102	0.0538	2.74E-05	1.29E-05	2.87E-05	0.00102	0.00165	0.000233	0.00265	0.0169
2179-03-01	153	1.52	0.0108	50.8	0.0302	0.0074	1.25	10.3	0.00529	3.43E-05	0.000862	5.65E-04	0.102	0.0538	2.74E-05	1.29E-05	2.87E-05	0.00102	0.00165	0.000233	0.00265	0.0169
2179-04-01	153	1.52	0.0108	50.8	0.0302	0.0074	1.25	10.3	0.00529	3.43E-05	0.000862	5.65E-04	0.102	0.0538	2.74E-05	1.29E-05	2.87E-05	0.00102	0.00165	0.000233	0.00265	0.0169
2179-05-01	153	1.52	0.0108	50.8	0.0302	0.0074	1.25	10.3	0.00529	3.43E-05	0.000862	5.65E-04	0.102	0.0537	2.74E-05	1.29E-05	2.87E-05	0.00102	0.00165	0.000233	0.00265	0.0169
2179-06-01	153	1.52	0.0108	50.7	0.0302	0.00739	1.24	10.3	0.00528	3.43E-05	0.000861	5.64E-04	0.102	0.0537	2.73E-05	1.28E-05	2.87E-05	0.00102	0.00165	0.000233	0.00264	0.0169
2179-07-01	153	1.52	0.0108	50.7	0.0301	0.00738	1.24	10.2	0.00528	3.43E-05	0.00086	5.64E-04	0.102	0.0537	2.73E-05	1.28E-05	2.87E-05	0.00102	0.00165	0.000233	0.00264	0.0169
2179-08-01	153	1.52	0.0108	50.6	0.0301	0.00738	1.24	10.2	0.00527	3.43E-05	0.00086	5.63E-04	0.102	0.0536	2.73E-05	1.28E-05	2.87E-05	0.00102	0.00165	0.000233	0.00264	0.0169
2179-09-01	153	1.52	0.0108	50.6	0.0301	0.00738	1.24	10.2	0.00527	3.43E-05	0.000859	5.63E-04	0.102	0.0536	2.73E-05	1.28E-05	2.87E-05	0.00102	0.00165	0.000234	0.00264	0.0169
2179-10-01	153	1.52	0.0108	50.6	0.0301	0.00737	1.24	10.2	0.00527	3.43E-05	0.000859	5.63E-04	0.102	0.0536	2.73E-05	1.28E-05	2.87E-05	0.00102	0.00165	0.000234	0.00264	0.0169
2179-11-01	153	1.52	0.0108	50.6	0.0301	0.00737	1.24	10.2	0.00527	3.43E-05	0.000858	5.63E-04	0.102	0.0536	2.73E-05	1.28E-05	2.86E-05	0.00102	0.00165	0.000234	0.00264	0.0169
2179-12-01	153	1.52	0.0108	50.6	0.0301	0.00737	1.24	10.2	0.00527	3.43E-05	0.000858	5.62E-04	0.102	0.0536	2.73E-05	1.28E-05	2.86E-05	0.00102	0.00165	0.000234	0.00264	0.0169
2180-01-01	154	1.52	0.0108	50.6	0.0301	0.00737	1.24	10.2	0.00527	3.43E-05	0.000858	5.62E-04	0.102	0.0536	2.73E-05	1.28E-05	2.86E-05	0.00102	0.00165	0.000234	0.00264	0.0169
2180-02-01	154	1.52	0.0108	50.6	0.0301	0.00737	1.24	10.2	0.00527	3.43E-05	0.000858	5.62E-04	0.102	0.0536	2.73E-05	1.28E-05	2.86E-05	0.00102	0.00164	0.000234	0.00264	0.0169
2180-03-01	154	1.52	0.0108	50.6	0.0301	0.00737	1.24	10.2	0.00527	3.43E-05	0.000858	5.62E-04	0.102	0.0536	2.73E-05	1.28E-05	2.86E-05	0.00102	0.00164	0.000234	0.00264	0.0169
2180-04-01	154	1.52	0.0108	50.6	0.0301	0.00737	1.24	10.2	0.00527	3.43E-05	0.000858	5.62E-04	0.102	0.0537	2.73E-05	1.28E-05	2.86E-05	0.00102	0.00164	0.000234	0.00264	0.0169
2180-05-01	154	1.52	0.0108	50.5	0.0301	0.00736	1.24	10.2	0.00526	3.42E-05	0.000857	5.62E-04	0.102	0.0536	2.72E-05	1.28E-05	2.86E-05	0.00102	0.00164	0.000234	0.00264	0.0169
2180-06-01	154	1.52	0.0108	50.5	0.0301	0.00736	1.24	10.2	0.00526	3.42E-05	0.000856	5.61E-04	0.103	0.0536	2.72E-05	1.28E-05	2.86E-05	0.00102	0.00164	0.000234	0.00264	0.0169
2180-07-01	154	1.52	0.0108	50.4	0.0301	0.00735	1.24	10.2	0.00526	3.42E-05	0.000856	5.61E-04	0.103	0.0535	2.72E-05	1.28E-05	2.86E-05	0.00102	0.00164	0.000234	0.00264	0.0169
2180-08-01	154	1.52	0.0108	50.4	0.0301	0.00735	1.24	10.2	0.00525	3.42E-05	0.000855	5.60E-04	0.103	0.0535	2.72E-05	1.28E-05	2.86E-05	0.00102	0.00164	0.000234	0.00264	0.0169
2180-09-01	154	1.52	0.0108	50.4	0.03	0.00734	1.24	10.2	0.00525	3.42E-05	0.000855	5.60E-04	0.103	0.0535	2.72E-05	1.28E-05	2.86E-05	0.00102	0.00164	0.000234	0.00264	0.0168
2180-10-01	154	1.51	0.0108	50.4	0.03	0.00734	1.24	10.2	0.00525	3.42E-05	0.000854	5.60E-04	0.103	0.0535	2.72E-05	1.28E-05	2.86E-05	0.00102	0.00164	0.000234	0.00264	0.0168
2180-11-01	154	1.51	0.0108	50.4	0.03	0.00734	1.24	10.2	0.00525	3.42E-05	0.000854	5.59E-04	0.103	0.0535	2.72E-05	1.28E-05	2.86E-05	0.00102	0.00164	0.000234	0.00263	0.0168
2180-12-01	154	1.51																				

Hit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2182-12-01	156	1.5	0.0107	49.9	0.0299	0.00727	1.24	10.1	0.0052	3.41E-05	0.000845	5.53E-04	0.103	0.0532	2.69E-05	1.26E-05	2.84E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2183-01-01	157	1.5	0.0107	49.9	0.0299	0.00727	1.24	10.1	0.0052	3.41E-05	0.000845	5.53E-04	0.103	0.0532	2.69E-05	1.26E-05	2.84E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2183-02-01	157	1.5	0.0107	49.9	0.0299	0.00727	1.24	10.1	0.0052	3.41E-05	0.000845	5.53E-04	0.103	0.0532	2.69E-05	1.26E-05	2.84E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2183-03-01	157	1.5	0.0107	49.9	0.0299	0.00727	1.24	10.1	0.0052	3.41E-05	0.000845	5.53E-04	0.103	0.0533	2.69E-05	1.26E-05	2.84E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2183-04-01	157	1.5	0.0107	49.9	0.0299	0.00727	1.24	10.1	0.0052	3.41E-05	0.000845	5.53E-04	0.103	0.0533	2.69E-05	1.26E-05	2.84E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2183-05-01	157	1.5	0.0107	49.9	0.0299	0.00726	1.24	10.1	0.0052	3.41E-05	0.000844	5.53E-04	0.103	0.0532	2.69E-05	1.26E-05	2.84E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2183-06-01	157	1.5	0.0107	49.8	0.0298	0.00725	1.23	10.1	0.00519	3.41E-05	0.000843	5.52E-04	0.104	0.0532	2.69E-05	1.26E-05	2.84E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2183-07-01	157	1.5	0.0106	49.8	0.0298	0.00725	1.23	10.1	0.00519	3.41E-05	0.000843	5.52E-04	0.104	0.0532	2.69E-05	1.26E-05	2.84E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2183-08-01	157	1.5	0.0106	49.7	0.0298	0.00724	1.23	10.1	0.00519	3.41E-05	0.000842	5.51E-04	0.104	0.0531	2.68E-05	1.26E-05	2.84E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2183-09-01	157	1.5	0.0106	49.7	0.0298	0.00724	1.23	10.1	0.00518	3.41E-05	0.000842	5.51E-04	0.104	0.0531	2.68E-05	1.26E-05	2.84E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2183-10-01	157	1.5	0.0106	49.7	0.0298	0.00724	1.23	10.1	0.00518	3.41E-05	0.000842	5.51E-04	0.104	0.0531	2.68E-05	1.26E-05	2.83E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2183-11-01	157	1.5	0.0106	49.7	0.0298	0.00724	1.23	10.1	0.00518	3.41E-05	0.000841	5.50E-04	0.104	0.0531	2.68E-05	1.26E-05	2.83E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2183-12-01	157	1.5	0.0106	49.7	0.0298	0.00723	1.23	10.1	0.00518	3.41E-05	0.000841	5.50E-04	0.104	0.0531	2.68E-05	1.26E-05	2.83E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2184-01-01	158	1.5	0.0106	49.7	0.0298	0.00723	1.23	10.1	0.00518	3.41E-05	0.000841	5.50E-04	0.104	0.0531	2.68E-05	1.26E-05	2.83E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2184-02-01	158	1.5	0.0106	49.7	0.0298	0.00723	1.23	10.1	0.00518	3.40E-05	0.000841	5.50E-04	0.104	0.0531	2.68E-05	1.26E-05	2.83E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2184-03-01	158	1.5	0.0106	49.7	0.0298	0.00723	1.23	10.1	0.00518	3.40E-05	0.000841	5.50E-04	0.104	0.0531	2.68E-05	1.26E-05	2.83E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2184-04-01	158	1.5	0.0106	49.7	0.0298	0.00723	1.23	10.1	0.00518	3.40E-05	0.000841	5.50E-04	0.104	0.0531	2.68E-05	1.26E-05	2.83E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2184-05-01	158	1.5	0.0106	49.6	0.0298	0.00723	1.23	10.1	0.00518	3.40E-05	0.00084	5.50E-04	0.104	0.0531	2.68E-05	1.26E-05	2.83E-05	0.00102	0.00162	0.000236	0.00262	0.0167
2184-06-01	158	1.5	0.0106	49.6	0.0297	0.00722	1.23	10.1	0.00517	3.40E-05	0.000839	5.49E-04	0.104	0.053	2.68E-05	1.26E-05	2.83E-05	0.00102	0.00161	0.000237	0.00261	0.0167
2184-07-01	158	1.5	0.0106	49.5	0.0297	0.00721	1.23	10.1	0.00517	3.40E-05	0.000838	5.49E-04	0.104	0.053	2.67E-05	1.26E-05	2.83E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2184-08-01	158	1.5	0.0106	49.5	0.0297	0.00721	1.23	10.1	0.00516	3.40E-05	0.000838	5.48E-04	0.104	0.053	2.67E-05	1.25E-05	2.83E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2184-09-01	158	1.5	0.0106	49.5	0.0297	0.00721	1.23	10.1	0.00516	3.40E-05	0.000838	5.48E-04	0.104	0.053	2.67E-05	1.25E-05	2.83E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2184-10-01	158	1.49	0.0106	49.5	0.0297	0.00721	1.23	10.1	0.00516	3.40E-05	0.000837	5.48E-04	0.104	0.053	2.67E-05	1.25E-05	2.83E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2184-11-01	158	1.49	0.0106	49.5	0.0297	0.0072	1.23	10.1	0.00516	3.40E-05	0.000837	5.48E-04	0.104	0.053	2.67E-05	1.25E-05	2.83E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2184-12-01	158	1.49	0.0106	49.5	0.0297	0.0072	1.23	10.1	0.00516	3.40E-05	0.000837	5.47E-04	0.104	0.053	2.67E-05	1.25E-05	2.83E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2185-01-01	159	1.49	0.0106	49.5	0.0297	0.0072	1.23	10.1	0.00516	3.40E-05	0.000837	5.47E-04	0.104	0.053	2.67E-05	1.25E-05	2.83E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2185-02-01	159	1.49	0.0106	49.5	0.0297	0.0072	1.23	10.1	0.00516	3.40E-05	0.000836	5.47E-04	0.104	0.053	2.67E-05	1.25E-05	2.83E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2185-03-01	159	1.49	0.0106	49.5	0.0297	0.0072	1.23	10.1	0.00516	3.40E-05	0.000836	5.47E-04	0.104	0.053	2.67E-05	1.25E-05	2.83E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2185-04-01	159	1.49	0.0106	49.5	0.0297	0.0072	1.23	10.1	0.00516	3.40E-05	0.000836	5.47E-04	0.104	0.053	2.67E-05	1.25E-05	2.83E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2185-05-01	159	1.49	0.0106	49.4	0.0297	0.0072	1.23	10.1	0.00515	3.40E-05	0.000836	5.47E-04	0.104	0.053	2.67E-05	1.25E-05	2.82E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2185-06-01	159	1.49	0.0106	49.4	0.0297	0.00719	1.23	10	0.00515	3.40E-05	0.000835	5.46E-04	0.104	0.0529	2.66E-05	1.25E-05	2.82E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2185-07-01	159	1.49	0.0106	49.3	0.0296	0.00718	1.23	10	0.00514	3.40E-05	0.000834	5.46E-04	0.104	0.0529	2.66E-05	1.25E-05	2.82E-05	0.00102	0.00161	0.000237	0.00261	0.0166
2185-08-01	159	1.49	0.0106	49.3	0.0296	0.00718	1.23	10	0.00514	3.40E-05	0.000834	5.45E-04	0.104	0.0529	2.66E-05	1.25E-05	2.82E-05	0.00102	0.00161	0.000238	0.00261	0.0166
2185-09-01	159	1.49	0.0106	49.3	0.0296	0.00718	1.23	10	0.00514	3.40E-05	0.000834	5.45E-04	0.104	0.0528	2.66E-05	1.25E-05	2.82E-05	0.00102	0.00161	0.000238	0.00261	0.0166
2185-10-01	159	1.49	0.0106	49.3	0.0296	0.00717	1.23	10	0.00514	3.40E-05	0.000833	5.45E-04	0.104	0.0528	2.66E-05	1.25E-05	2.82E-05	0.00102	0.0016	0.000238	0.0026	0.0166
2185-11-01	159	1.49	0.0106	49.2	0.0296	0.00717	1.23	10	0.00514	3.40E-05	0.000833	5.45E-04	0.105	0.0528	2.66E-05	1.25E-05	2.82E-05	0.00102	0.0016	0.000238	0.0026	0.0166
2185-12-01	159	1.49	0.0106	49.2	0.0296	0.00717	1.23	10	0.00513	3.40E-05	0.000832	5.45E-04	0.105	0.0528	2.66E-05	1.25E-05	2.81E-05	0.00102	0.0016	0.000238	0.0026	0.0166
2186-01-01	160	1.49	0.0106	49.2	0.0296	0.00717	1.23	10	0.00513	3.39E-05	0.000832	5.44E-04	0.105	0.0528	2.66E-05	1.25E-05	2.81E-05	0.00102	0.0016	0.000238	0.0026	0.0166
2186-02-01	160	1.49	0.0106	49.2	0.0296	0.00717	1.23	10	0.00513	3.39E-05	0.000832	5.44E-04	0.105	0.0528	2.66E-05	1.25E-05	2.81E-05	0.00102	0.0016	0.000238	0.0026	0.0166
2186-03-01	160	1.49	0.0106	49.2	0.0296	0.00717	1.23	10	0.00514	3.39E-05	0.000832	5.44E-04	0.105	0.0528	2.66E-05	1.25E-05	2.81E-05	0.00102	0.0016	0.000238	0.0026	0.0166
2186-04-01	160	1.49	0.0106	49.2	0.0296	0.00717	1.23	10	0.00513	3.39E-05	0.000832	5.44E-04	0.105	0.0528	2.66E-05	1.25E-05	2.81E-05	0.00102	0.0016	0.000238	0.0026	0.0166
2186-05-01	160	1.49	0.0105	49.2	0.0296	0.00716	1.23	10	0.00513	3.39E-05	0.000832	5.44E-04	0.105	0.0528	2.65E-05	1.25E-05	2.81E-05	0.00102	0.0016	0.000238	0.0026	0.0166
2186-06-01	160	1.49	0.0105	49.1	0.0296	0.00715	1.23	10	0.00513	3.39E-05	0.000831	5.43E-04	0.105	0.0528	2.65E-05	1.25E-05	2.81E-05	0.00102	0.0016	0.000238	0.0026	0.0166
2186-07-01	160	1.49	0.0105	49.1	0.0295	0.00715	1.23	10	0.00512	3.39E-05	0.00083	5.43E-04	0.105	0.0527	2.65E-05	1.24E-05	2.81E-05	0.00102	0.0016	0.000238	0.0026	0.0165
2186-08-01	160	1.48	0.0105	49.1	0.0295	0.00715	1.22	9.99	0.00512	3.39E-05	0.000829	5.43E-04	0.105	0.0527	2.65E-05	1.24E-05	2.81E-05	0.00102	0.0016	0.000238	0.0026	0.0165
2186-09-01	160	1.48	0.0105	49.1	0.0295	0.00714	1															

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Fit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2194-06-01	168	1.44	0.0103	47.4	0.0289	0.00691	1.2	9.71	0.00496	3.36E-05	0.000798	5.22E-04	0.107	0.0515	2.56E-05	1.21E-05	2.71E-05	0.00102	0.00155	0.000243	0.00255	0.0161
2194-07-01	168	1.44	0.0103	47.4	0.0289	0.0069	1.2	9.7	0.00496	3.35E-05	0.000798	5.22E-04	0.108	0.0515	2.55E-05	1.20E-05	2.71E-05	0.00102	0.00155	0.000244	0.00255	0.0161
2194-08-01	168	1.44	0.0103	47.4	0.0288	0.0069	1.2	9.7	0.00496	3.35E-05	0.000797	5.22E-04	0.108	0.0515	2.55E-05	1.20E-05	2.71E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2194-09-01	168	1.44	0.0103	47.4	0.0288	0.0069	1.2	9.7	0.00495	3.35E-05	0.000797	5.22E-04	0.108	0.0515	2.55E-05	1.20E-05	2.70E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2194-10-01	168	1.44	0.0103	47.4	0.0288	0.00689	1.2	9.69	0.00495	3.35E-05	0.000797	5.21E-04	0.108	0.0515	2.55E-05	1.20E-05	2.70E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2194-11-01	168	1.44	0.0102	47.3	0.0288	0.00689	1.2	9.69	0.00495	3.35E-05	0.000796	5.21E-04	0.108	0.0515	2.55E-05	1.20E-05	2.70E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2194-12-01	168	1.44	0.0102	47.3	0.0288	0.00689	1.2	9.69	0.00495	3.35E-05	0.000796	5.21E-04	0.108	0.0514	2.55E-05	1.20E-05	2.70E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2195-01-01	169	1.44	0.0102	47.3	0.0288	0.00689	1.2	9.69	0.00495	3.35E-05	0.000796	5.21E-04	0.108	0.0515	2.55E-05	1.20E-05	2.70E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2195-02-01	169	1.44	0.0102	47.3	0.0288	0.00689	1.2	9.69	0.00495	3.35E-05	0.000796	5.21E-04	0.108	0.0515	2.55E-05	1.20E-05	2.70E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2195-03-01	169	1.44	0.0102	47.3	0.0288	0.00689	1.2	9.69	0.00495	3.35E-05	0.000796	5.21E-04	0.108	0.0515	2.55E-05	1.20E-05	2.70E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2195-04-01	169	1.44	0.0102	47.3	0.0288	0.00689	1.2	9.69	0.00495	3.35E-05	0.000796	5.21E-04	0.108	0.0515	2.55E-05	1.20E-05	2.70E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2195-05-01	169	1.44	0.0102	47.3	0.0288	0.00689	1.2	9.68	0.00495	3.35E-05	0.000796	5.21E-04	0.108	0.0514	2.55E-05	1.20E-05	2.70E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2195-06-01	169	1.44	0.0102	47.2	0.0288	0.00688	1.2	9.67	0.00494	3.35E-05	0.000795	5.20E-04	0.108	0.0514	2.55E-05	1.20E-05	2.70E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2195-07-01	169	1.44	0.0102	47.2	0.0288	0.00687	1.2	9.67	0.00494	3.35E-05	0.000794	5.20E-04	0.108	0.0514	2.54E-05	1.20E-05	2.69E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2195-08-01	169	1.44	0.0102	47.2	0.0288	0.00687	1.2	9.66	0.00494	3.35E-05	0.000794	5.19E-04	0.108	0.0513	2.54E-05	1.20E-05	2.69E-05	0.00102	0.00155	0.000244	0.00254	0.0161
2195-09-01	169	1.44	0.0102	47.2	0.0288	0.00687	1.2	9.66	0.00493	3.35E-05	0.000794	5.19E-04	0.108	0.0513	2.54E-05	1.20E-05	2.69E-05	0.00102	0.00155	0.000245	0.00254	0.0161
2195-10-01	169	1.44	0.0102	47.2	0.0287	0.00687	1.2	9.66	0.00493	3.35E-05	0.000793	5.19E-04	0.108	0.0513	2.54E-05	1.20E-05	2.69E-05	0.00102	0.00155	0.000245	0.00254	0.0161
2195-11-01	169	1.44	0.0102	47.1	0.0287	0.00686	1.2	9.66	0.00493	3.35E-05	0.000793	5.19E-04	0.108	0.0513	2.54E-05	1.20E-05	2.69E-05	0.00102	0.00154	0.000245	0.00254	0.0161
2195-12-01	169	1.44	0.0102	47.1	0.0287	0.00686	1.2	9.65	0.00493	3.35E-05	0.000792	5.19E-04	0.108	0.0513	2.54E-05	1.20E-05	2.69E-05	0.00102	0.00154	0.000245	0.00254	0.016
2196-01-01	170	1.44	0.0102	47.1	0.0287	0.00686	1.2	9.65	0.00493	3.35E-05	0.000792	5.19E-04	0.108	0.0513	2.54E-05	1.20E-05	2.69E-05	0.00102	0.00154	0.000245	0.00254	0.016
2196-02-01	170	1.44	0.0102	47.1	0.0287	0.00686	1.2	9.65	0.00493	3.35E-05	0.000792	5.19E-04	0.108	0.0513	2.54E-05	1.20E-05	2.69E-05	0.00102	0.00154	0.000245	0.00254	0.016
2196-03-01	170	1.44	0.0102	47.1	0.0287	0.00686	1.2	9.65	0.00493	3.35E-05	0.000792	5.19E-04	0.108	0.0513	2.54E-05	1.20E-05	2.69E-05	0.00102	0.00154	0.000245	0.00254	0.016
2196-04-01	170	1.44	0.0102	47.1	0.0287	0.00686	1.2	9.65	0.00493	3.35E-05	0.000792	5.18E-04	0.108	0.0513	2.54E-05	1.20E-05	2.69E-05	0.00102	0.00154	0.000245	0.00254	0.016
2196-05-01	170	1.43	0.0102	47.1	0.0287	0.00686	1.2	9.65	0.00493	3.35E-05	0.000792	5.18E-04	0.108	0.0513	2.54E-05	1.20E-05	2.69E-05	0.00102	0.00154	0.000245	0.00254	0.016
2196-06-01	170	1.43	0.0102	47	0.0287	0.00685	1.2	9.64	0.00492	3.35E-05	0.000791	5.18E-04	0.108	0.0512	2.53E-05	1.20E-05	2.68E-05	0.00102	0.00154	0.000245	0.00253	0.016
2196-07-01	170	1.43	0.0102	47	0.0287	0.00684	1.2	9.63	0.00492	3.35E-05	0.00079	5.17E-04	0.108	0.0512	2.53E-05	1.20E-05	2.68E-05	0.00102	0.00154	0.000245	0.00253	0.016
2196-08-01	170	1.43	0.0102	47	0.0287	0.00684	1.19	9.63	0.00492	3.35E-05	0.00079	5.17E-04	0.108	0.0512	2.53E-05	1.20E-05	2.68E-05	0.00102	0.00154	0.000245	0.00253	0.016
2196-09-01	170	1.43	0.0102	47	0.0287	0.00684	1.19	9.63	0.00492	3.35E-05	0.00079	5.17E-04	0.108	0.0512	2.53E-05	1.20E-05	2.68E-05	0.00102	0.00154	0.000245	0.00253	0.016
2196-10-01	170	1.43	0.0102	47	0.0287	0.00684	1.19	9.62	0.00491	3.35E-05	0.000789	5.17E-04	0.108	0.0512	2.53E-05	1.19E-05	2.68E-05	0.00102	0.00154	0.000245	0.00253	0.016
2196-11-01	170	1.43	0.0102	46.9	0.0287	0.00683	1.19	9.62	0.00491	3.35E-05	0.000789	5.16E-04	0.108	0.0512	2.53E-05	1.19E-05	2.68E-05	0.00102	0.00154	0.000245	0.00253	0.016
2196-12-01	170	1.43	0.0102	46.9	0.0286	0.00683	1.19	9.62	0.00491	3.35E-05	0.000789	5.16E-04	0.108	0.0512	2.53E-05	1.19E-05	2.68E-05	0.00102	0.00154	0.000245	0.00253	0.016
2197-01-01	171	1.43	0.0102	46.9	0.0287	0.00683	1.19	9.62	0.00491	3.35E-05	0.000789	5.16E-04	0.108	0.0512	2.53E-05	1.19E-05	2.68E-05	0.00102	0.00154	0.000245	0.00253	0.016
2197-02-01	171	1.43	0.0102	46.9	0.0287	0.00683	1.19	9.62	0.00491	3.35E-05	0.000789	5.16E-04	0.108	0.0512	2.53E-05	1.19E-05	2.68E-05	0.00102	0.00154	0.000245	0.00253	0.016
2197-03-01	171	1.43	0.0102	46.9	0.0287	0.00683	1.19	9.62	0.00491	3.35E-05	0.000789	5.16E-04	0.108	0.0512	2.53E-05	1.19E-05	2.68E-05	0.00102	0.00154	0.000245	0.00253	0.016
2197-04-01	171	1.43	0.0102	46.9	0.0287	0.00683	1.19	9.62	0.00491	3.35E-05	0.000789	5.16E-04	0.108	0.0512	2.53E-05	1.19E-05	2.68E-05	0.00102	0.00154	0.000245	0.00253	0.016
2197-05-01	171	1.43	0.0102	46.9	0.0286	0.00683	1.19	9.61	0.00491	3.34E-05	0.000788	5.16E-04	0.108	0.0511	2.53E-05	1.19E-05	2.68E-05	0.00102	0.00154	0.000245	0.00253	0.016
2197-06-01	171	1.43	0.0102	46.8	0.0286	0.00682	1.19	9.61	0.0049	3.34E-05	0.000787	5.15E-04	0.109	0.0511	2.52E-05	1.19E-05	2.67E-05	0.00102	0.00154	0.000246	0.00253	0.016
2197-07-01	171	1.43	0.0102	46.8	0.0286	0.00682	1.19	9.6	0.0049	3.34E-05	0.000787	5.15E-04	0.109	0.0511	2.52E-05	1.19E-05	2.67E-05	0.00101	0.00154	0.000246	0.00253	0.016
2197-08-01	171	1.43	0.0102	46.8	0.0286	0.00681	1.19	9.6	0.0049	3.34E-05	0.000786	5.15E-04	0.109	0.0511	2.52E-05	1.19E-05	2.67E-05	0.00101	0.00154	0.000246	0.00253	0.016
2197-09-01	171	1.43	0.0102	46.8	0.0286	0.00681	1.19	9.59	0.0049	3.34E-05	0.000786	5.14E-04	0.109	0.051	2.52E-05	1.19E-05	2.67E-05	0.00101	0.00154	0.000246	0.00253	0.016
2197-10-01	171	1.43	0.0102	46.8	0.0286	0.00681	1.19	9.59	0.00489	3.34E-05	0.000786	5.14E-04	0.109	0.051	2.52E-05	1.19E-05	2.67E-05	0.00101	0.00153	0.000246	0.00252	0.016
2197-11-01	171	1.43	0.0102	46.7	0.0286	0.0068	1.19	9.59	0.00489	3.34E-05	0.000785	5.14E-04	0.109	0.051	2.52E-05	1.19E-05	2.67E-05	0.00101	0.00153	0.000246	0.00252	0.016
2197-12-01	171	1.42	0.0102	46.7	0.0286	0.0068	1.19	9.58	0.00489	3.34E-05	0.000785	5.14E-04	0.109	0.051	2.52E-05	1.19E-05	2.67E-05	0.00101	0.00153	0.000246	0.00252	0.0159
2198-01-01	172	1.42	0.0101	46.7	0.0286	0.0068	1.19	9.58	0.00489	3.34E-05	0.000785	5.14E-04	0.109	0.051	2.52E-05	1.19E-05	2.67E-05	0.00101	0.00153	0.000246	0.00252	0.0159
2198-02-01	172	1.43	0.0101	46.7	0.0286	0.0068	1.19	9.58	0.00489	3.34E-05	0.000785	5.14E-04	0.109	0.051	2.52E-05	1.19E-05	2.67E-05	0.00101	0.00153	0.000246	0.00252	0.0159
2198-03-01	172	1.43	0.0101	46.7	0.0286																	

Pit Closure WQ																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2200-03-01	174	1.42	0.0101	46.3	0.0284	0.00675	1.19	9.52	0.00485	3.33E-05	0.000778	5.09E-04	0.109	0.0507	2.50E-05	1.18E-05	2.64E-05	0.00101	0.00152	0.000247	0.00251	0.0159
2200-04-01	174	1.42	0.0101	46.3	0.0284	0.00675	1.19	9.52	0.00485	3.33E-05	0.000778	5.09E-04	0.109	0.0507	2.50E-05	1.18E-05	2.64E-05	0.00101	0.00152	0.000247	0.00251	0.0159
2200-05-01	174	1.41	0.0101	46.3	0.0284	0.00674	1.19	9.51	0.00485	3.33E-05	0.000777	5.09E-04	0.11	0.0507	2.49E-05	1.18E-05	2.64E-05	0.00101	0.00152	0.000248	0.00251	0.0158
2200-06-01	174	1.41	0.0101	46.3	0.0284	0.00673	1.18	9.5	0.00484	3.33E-05	0.000776	5.08E-04	0.11	0.0507	2.49E-05	1.18E-05	2.64E-05	0.00101	0.00152	0.000248	0.00251	0.0158
2200-07-01	174	1.41	0.0101	46.2	0.0284	0.00673	1.18	9.5	0.00484	3.33E-05	0.000776	5.08E-04	0.11	0.0506	2.49E-05	1.18E-05	2.64E-05	0.00101	0.00152	0.000248	0.00251	0.0158
2200-08-01	174	1.41	0.0101	46.2	0.0283	0.00673	1.18	9.49	0.00484	3.33E-05	0.000775	5.07E-04	0.11	0.0506	2.49E-05	1.18E-05	2.64E-05	0.00101	0.00152	0.000248	0.00251	0.0158
2200-09-01	174	1.41	0.0101	46.2	0.0283	0.00673	1.18	9.49	0.00484	3.33E-05	0.000775	5.07E-04	0.11	0.0506	2.49E-05	1.18E-05	2.64E-05	0.00101	0.00152	0.000248	0.00251	0.0158
2200-10-01	174	1.41	0.0101	46.2	0.0283	0.00672	1.18	9.49	0.00484	3.33E-05	0.000775	0.000507	0.11	0.0506	2.49E-05	1.18E-05	2.63E-05	0.00101	0.00152	0.000248	0.00251	0.0158
2200-11-01	174	1.41	0.0101	46.2	0.0283	0.00672	1.18	9.48	0.00483	3.33E-05	0.000774	0.000507	0.11	0.0506	2.49E-05	1.18E-05	2.63E-05	0.00101	0.00152	0.000248	0.0025	0.0158
2200-12-01	174	1.41	0.0101	46.1	0.0283	0.00672	1.18	9.48	0.00483	3.33E-05	0.000774	0.000507	0.11	0.0506	2.48E-05	1.18E-05	2.63E-05	0.00101	0.00152	0.000248	0.0025	0.0158

TMF NW Pond																					
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L
TMF NW Pond Statistics (Year 1 to Year 27)																					
Minimum		2.65	0.14	0.0695	0.00196	0.168	0.0109	0.000571	0.0000746	0.0000001	0.000505	4.76E-09	0.000202	0.000211	6.67E-08	0.00176	0.000000115	0.442	0.000000639	0.0000102	0.0000028
P10		17.6	5.662	0.3464	0.0166	3.252	0.3616	0.02422	0.0002842	0.0000032	0.0201	0.000000117	0.0008992	0.005892	0.00000273	0.0155	0.000005104	13.3	0.000003694	0.0000302	0.000127
Median		99.4	6.77	2.26	0.0752	5.8	0.475	0.0281	0.00288	0.00000475	0.0245	0.000000199	0.00597	0.00777	0.0000035	0.0679	0.00000604	14.8	0.0000218	0.000396	0.000195
P90		116	16.92	2.58	0.08828	6.616	0.638	0.02988	0.004068	0.000005186	0.0294	0.000000241	0.007408	0.00884	0.00114	0.09368	0.000008578	18.5	0.0000279	0.000448	0.0003138
Maximum		126	20.9	3.25	0.0917	7.91	0.661	0.031	0.00432	0.00000547	0.0331	0.000000254	0.00945	0.00974	0.00168	0.101	0.0000105	20.8	0.0000302	0.000488	0.00042
Monthly Results																					
2027-02-01	1	2.65	0.14	0.0695	0.00196	0.168	0.0109	0.000571	7.46E-05	1.00E-07	0.000505	4.76E-09	0.000202	0.000211	6.67E-08	0.00176	1.15E-07	0.442	6.39E-07	1.02E-05	2.80E-06
2027-03-01	1	6.89	0.36	0.18	0.00508	0.436	0.0283	0.00148	0.000194	2.60E-07	0.00131	1.24E-08	0.000524	0.000547	1.73E-07	0.00457	2.98E-07	1.15	1.66E-06	2.66E-05	7.28E-06
2027-04-01	1	25.9	1.36	0.678	0.0191	1.64	0.106	0.00557	0.000727	9.76E-07	0.00493	4.64E-08	0.00197	0.00206	6.50E-07	0.0172	1.12E-06	4.31	6.23E-06	9.98E-05	2.73E-05
2027-05-01	1	67.7	4.52	1.76	0.0506	4.62	0.324	0.0177	0.00191	4.07E-06	0.0251	1.36E-07	0.0052	0.00643	1.91E-06	0.0454	8.07E-06	12.9	2.09E-05	0.000296	0.000324
2027-06-01	1	107	5.90	2.79	0.079	6.85	0.453	0.0239	0.00301	4.46E-06	0.0238	1.96E-07	0.00814	0.00878	2.74E-06	0.071	6.06E-06	18.3	2.70E-05	0.000422	0.000184
2027-07-01	1	118	6.32	3.08	0.0869	7.49	0.49	0.0257	0.00331	4.61E-06	0.0238	2.13E-07	0.00896	0.00947	2.98E-06	0.0782	5.68E-06	19.8	2.89E-05	0.000458	0.000154
2027-08-01	1	96.5	6.11	2.51	0.0718	6.48	0.445	0.0241	0.00273	5.37E-06	0.0324	1.90E-07	0.0074	0.00869	2.66E-06	0.0644	1.01E-05	17.8	2.86E-05	0.000412	0.000391
2027-09-01	1	95.6	6.25	2.48	0.0713	6.44	0.449	0.0244	0.0027	5.41E-06	0.0328	1.89E-07	0.00732	0.00888	2.65E-06	0.064	1.03E-05	17.9	2.85E-05	0.00041	0.000403
2027-10-01	1	91.6	6.17	2.38	0.0684	6.21	0.438	0.0238	0.00259	5.38E-06	0.0331	1.83E-07	0.00701	0.00869	2.56E-06	0.0615	1.05E-05	17.4	2.80E-05	0.000397	0.00042
2027-11-01	1	92.3	6.28	2.4	0.069	6.24	0.442	0.0241	0.0026	5.32E-06	0.0325	1.83E-07	0.00706	0.00884	2.57E-06	0.0621	1.03E-05	17.6	2.79E-05	0.000397	4.07E-04
2027-12-01	1	98.7	6.39	2.57	0.0735	6.55	0.458	0.0247	0.00278	5.13E-06	0.0303	1.90E-07	0.00752	0.00914	2.67E-06	0.0662	9.09E-06	18.2	2.80E-05	0.000412	0.000342
2028-01-01	2	101	6.40	2.63	0.0751	6.66	0.462	0.0249	0.00284	5.09E-06	0.0296	1.93E-07	0.00769	0.0092	2.70E-06	0.0677	8.75E-06	18.4	2.82E-05	0.000418	0.000323
2028-02-01	2	101	6.41	2.64	0.0755	6.69	0.464	0.0249	0.00285	5.08E-06	0.0295	1.94E-07	0.00773	0.00922	2.72E-06	0.068	8.68E-06	18.5	2.83E-05	0.000419	0.000319
2028-03-01	2	102	6.42	2.67	0.0762	6.74	0.466	0.025	0.00288	5.08E-06	0.0294	1.95E-07	0.0078	0.00925	2.73E-06	0.0686	8.58E-06	18.6	2.83E-05	0.000422	0.000313
2028-04-01	2	106	6.47	2.77	0.079	6.95	0.475	0.0254	0.00298	5.03E-06	0.0286	2.00E-07	0.0081	0.00938	2.81E-06	0.0709	8.09E-06	19	2.87E-05	0.000433	0.000284
2028-05-01	2	91.5	6.13	2.37	0.0681	6.17	0.432	0.0235	0.00256	5.23E-06	0.0318	1.82E-07	0.00697	0.00845	2.54E-06	0.0606	1.00E-05	17.3	2.74E-05	0.000393	0.000394
2028-06-01	2	114	6.36	2.97	0.0839	7.29	0.483	0.0255	0.00317	4.78E-06	0.0257	2.09E-07	0.00864	0.00931	2.92E-06	0.0746	6.60E-06	19.5	2.88E-05	0.000451	0.000203
2028-07-01	2	121	6.50	3.15	0.0889	7.67	0.502	0.0264	0.00336	4.75E-06	0.0246	2.18E-07	0.00917	0.00966	3.05E-06	0.079	5.90E-06	20.3	2.96E-05	0.000471	0.000162
2028-08-01	2	98.1	6.30	2.54	0.0727	6.57	0.451	0.0244	0.00274	5.41E-06	0.0325	1.93E-07	0.00747	0.00867	2.70E-06	0.0644	1.01E-05	18.1	2.88E-05	0.000417	0.00039
2028-09-01	2	96.9	6.46	2.5	0.072	6.51	0.453	0.0246	0.0027	5.42E-06	0.0328	1.91E-07	0.00737	0.00881	2.68E-06	0.0639	1.02E-05	18.1	2.86E-05	0.000413	0.000399
2028-10-01	2	92.6	6.38	2.39	0.0689	6.27	0.44	0.024	0.00258	5.38E-06	0.033	1.85E-07	0.00704	0.00859	2.58E-06	0.0611	1.05E-05	17.6	2.79E-05	0.000399	0.000415
2028-11-01	2	93	6.50	2.4	0.0692	6.27	0.444	0.0242	0.00259	5.32E-06	0.0324	1.84E-07	0.00706	0.00871	2.58E-06	0.0615	1.02E-05	17.7	2.78E-05	0.000398	4.03E-04
2028-12-01	2	99.2	6.59	2.57	0.0737	6.57	0.459	0.0248	0.00275	5.13E-06	0.0302	1.91E-07	0.00752	0.00902	2.67E-06	0.0655	9.04E-06	18.3	2.80E-05	0.000413	0.000339
2029-01-01	3	101	6.58	2.63	0.0752	6.68	0.463	0.0249	0.00282	5.08E-06	0.0296	1.94E-07	0.00768	0.00909	2.71E-06	0.0669	8.71E-06	18.5	2.81E-05	0.000419	0.00032
2029-02-01	3	102	6.58	2.64	0.0756	6.71	0.465	0.025	0.00283	5.08E-06	0.0295	1.94E-07	0.00773	0.00911	2.72E-06	0.0673	8.64E-06	18.6	2.82E-05	0.00042	0.000316
2029-03-01	3	103	6.59	2.67	0.0763	6.76	0.467	0.0251	0.00286	5.07E-06	0.0293	1.96E-07	0.0078	0.00914	2.74E-06	0.0678	8.54E-06	18.6	2.83E-05	0.000423	0.00031
2029-04-01	3	107	6.61	2.77	0.0791	6.96															

TMF NW Pond																					
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L
2032-04-01	6	103	6.60	2.51	0.0772	6.51	0.51	0.0265	0.00311	4.92E-06	0.0268	2.09E-07	0.00711	0.00858	2.93E-06	0.0728	7.11E-06	17.8	2.53E-05	0.000408	0.000228
2032-05-01	6	97.1	5.77	2.21	0.0751	5.73	0.543	0.0266	0.00342	4.86E-06	0.0259	2.14E-07	0.00597	0.00778	2.99E-06	0.08	6.64E-06	15.2	2.22E-05	0.000385	0.000202
2032-06-01	6	108	5.46	2.41	0.0838	5.87	0.593	0.0275	0.00396	4.71E-06	0.0234	2.27E-07	0.0064	0.00812	3.18E-06	0.0927	5.20E-06	14.6	2.24E-05	0.000416	1.20E-04
2032-07-01	6	96.6	5.48	2.14	0.0756	5.62	0.563	0.0272	0.00359	5.06E-06	0.027	2.21E-07	0.0057	0.00759	3.09E-06	0.0835	6.98E-06	14.8	2.18E-05	0.000386	2.14E-04
2032-08-01	6	95.3	5.52	2.11	0.0748	5.57	0.56	0.0271	0.00355	5.07E-06	0.0272	2.20E-07	0.00561	0.00754	3.08E-06	0.0826	7.08E-06	14.7	2.17E-05	0.000381	2.20E-04
2032-09-01	6	98.8	5.56	2.19	0.0773	5.67	0.573	0.0275	0.00367	5.04E-06	0.0266	2.23E-07	0.00581	0.00773	3.13E-06	0.0857	6.74E-06	14.8	2.20E-05	0.000392	2.00E-04
2032-10-01	6	99.5	5.59	2.2	0.0779	5.68	0.576	0.0275	0.0037	5.00E-06	0.0263	2.24E-07	0.00584	0.00777	3.13E-06	0.0864	6.59E-06	14.8	2.19E-05	0.000393	0.000193
2032-11-01	6	102	5.58	2.25	0.0796	5.73	0.584	0.0277	0.00379	4.95E-06	0.0257	2.26E-07	0.00597	0.00787	3.16E-06	0.0885	6.28E-06	14.7	2.21E-05	0.0004	1.75E-04
2032-12-01	6	104	5.59	2.31	0.0813	5.8	0.592	0.0279	0.00387	4.94E-06	0.0254	2.28E-07	0.00611	0.00799	3.20E-06	0.0905	6.08E-06	14.8	2.23E-05	0.000407	0.000164
2033-01-01	7	116	6.18	2.57	0.0907	6.44	0.659	0.0309	0.00432	5.46E-06	0.028	2.54E-07	0.00681	0.00888	3.55E-06	0.101	6.62E-06	16.4	2.48E-05	0.000453	0.000175
2033-02-01	7	116	6.16	2.57	0.0906	6.43	0.658	0.0309	0.00432	5.44E-06	0.0278	2.53E-07	0.00681	0.00887	3.54E-06	0.101	6.57E-06	16.3	2.47E-05	0.000453	0.000173
2033-03-01	7	116	6.13	2.57	0.0906	6.42	0.657	0.0308	0.00432	5.41E-06	0.0276	2.53E-07	0.00681	0.00885	3.54E-06	0.101	6.48E-06	16.3	2.47E-05	0.000453	0.000169
2033-04-01	7	116	5.99	2.57	0.0905	6.35	0.651	0.0303	0.00431	5.27E-06	0.0266	2.50E-07	0.00681	0.00877	3.50E-06	0.101	6.11E-06	15.9	2.43E-05	0.000451	0.000151
2033-05-01	7	101	5.67	2.22	0.0787	5.69	0.581	0.0276	0.00373	4.96E-06	0.0259	2.24E-07	0.00588	0.00779	3.14E-06	0.0869	6.38E-06	14.7	2.19E-05	0.000397	0.000181
2033-06-01	7	110	5.43	2.42	0.0847	5.86	0.603	0.0278	0.00403	4.73E-06	0.0234	2.30E-07	0.00638	0.00809	3.22E-06	0.094	5.13E-06	14.5	2.23E-05	0.000421	1.14E-04
2033-07-01	7	97.6	5.53	2.14	0.0761	5.62	0.567	0.0273	0.0036	5.07E-06	0.027	2.22E-07	0.00569	0.00754	3.11E-06	0.0836	6.95E-06	14.7	2.18E-05	0.000388	2.12E-04
2033-08-01	7	96.2	5.58	2.11	0.075	5.57	0.563	0.0272	0.00355	5.07E-06	0.0272	2.21E-07	0.0056	0.00749	3.09E-06	0.0824	7.06E-06	14.7	2.16E-05	0.000383	2.18E-04
2033-09-01	7	99.6	5.63	2.19	0.0775	5.67	0.576	0.0275	0.00367	5.04E-06	0.0266	2.24E-07	0.0058	0.00767	3.14E-06	0.0853	6.73E-06	14.8	2.19E-05	0.000393	1.99E-04
2033-10-01	7	100	5.66	2.2	0.078	5.68	0.578	0.0276	0.00369	5.01E-06	0.0263	2.24E-07	0.00583	0.00771	3.14E-06	0.0859	6.59E-06	14.7	2.19E-05	0.000395	0.000192
2033-11-01	7	103	5.64	2.25	0.0797	5.73	0.585	0.0277	0.00377	4.96E-06	0.0257	2.26E-07	0.00596	0.00781	3.16E-06	0.0879	6.27E-06	14.7	2.20E-05	0.000401	1.75E-04
2033-12-01	7	105	5.64	2.31	0.0814	5.8	0.593	0.0279	0.00386	4.95E-06	0.0254	2.28E-07	0.0061	0.00793	3.20E-06	0.0899	6.07E-06	14.8	2.23E-05	0.000409	0.000163
2034-01-01	8	117	6.24	2.58	0.0908	6.45	0.66	0.031	0.00431	5.47E-06	0.028	2.54E-07	0.00681	0.00883	3.56E-06	0.1	6.63E-06	16.4	2.48E-05	0.000456	0.000175
2034-02-01	8	117	6.21	2.58	0.0908	6.44	0.66	0.0309	0.00431	5.45E-06	0.0279	2.54E-07	0.00681	0.00882	3.55E-06	0.1	6.57E-06	16.3	2.47E-05	0.000456	0.000173
2034-03-01	8	117	6.18	2.58	0.0908	6.43	0.659	0.0309	0.00431	5.42E-06	0.0277	2.53E-07	0.00681	0.0088	3.54E-06	0.1	6.49E-06	16.3	2.47E-05	0.000455	0.000169
2034-04-01	8	117	6.03	2.58	0.0906	6.36	0.653	0.0304	0.00429	5.28E-06	0.0267	2.50E-07	0.00681	0.00871	3.50E-06	0.0999	6.11E-06	15.9	2.43E-05	0.000454	0.000151
2034-05-01	8	102	5.74	2.22	0.0788	5.69	0.581	0.0276	0.0037	4.96E-06	0.0259	2.24E-07	0.00588	0.00773	3.14E-06	0.0859	6.37E-06	14.6	2.19E-05	0.000399	0.000181
2034-06-01	8	110	5.45	2.42	0.0848	5.86	0.604	0.0278	0.004	4.74E-06	0.0234	2.30E-07	0.00638	0.00801	3.22E-06	0.0928	5.13E-06	14.4	2.23E-05	0.000424	1.14E-04
2034-07-01	8	98.3	5.60	2.14	0.0761	5.62	0.568	0.0273	0.00358	5.07E-06	0.027	2.22E-07	0.00569	0.00748	3.11E-06	0.0825	6.94E-06	14.6	2.18E-05	0.000391	2.12E-04
2034-08-01	8	96.9	5.67	2.11	0.0751	5.58	0.563	0.0272	0.00352	5.07E-06	0.0272	2.21E-07	0.0056	0.00743	3.09E-06	0.0814	7.05E-06	14.6	2.16E-05	0.000386	2.18E-04
2034-09-01	8	100	5.70	2.19	0.0776	5.68	0.576	0.0276	0.00364	5.04E-06	0.0267	2.24E-07	0.0058	0.00761	3.14E-06	0.0842	6.73E-06	14.7	2.19E-05	0.000396	1.99E-04
2034-10-01	8	101	5.74	2.2	0.0781	5.68	0.578	0.0276	0.00366	5.01E-06	0.0263	2.24E-07	0.00583	0.00765	3.14E-06	0.0848	6.58E-06	14.6	2.19E-05	0.000397	0.000192
2034-11-01	8	103	5.70	2.25	0.0797	5.73	0.585	0.0277	0.00375	4.96E-06	0.0258	2.26E-07	0.00596	0.00775	3.16E-06	0.0867	6.27E-06	14.6	2.20E-05	0.000404	1.75E-04
2034-12-01	8	106	5.69	2.31	0.0814	5.8	0.593	0.0279	0.00383	4.95E-06	0.0254	2.29E-07	0.0061	0.00786	3.20E-06	0.0887	6.07E-06	14.7	2.23E-05	0.000411	0.000163
2035-01-01	9	118	6.29	2.58	0.0909	6.45	0.661	0.031	0.00428	5.47E-06	0.028	2.54E-07	0.00681	0.00875	3.56E-06	0.099	6.62E-06	16.3	2.48E-05	0.000459	0.000175
2035-02-01	9	118	6.27	2.58	0.0909	6.44	0.66	0.0309	0.00427	5.45E-06	0.0279	2.54E-07	0.00681	0.00874	3.55E-06	0.099	6.57E-06	16.2	2.47E-05	0.000458	0.000172
2035-03-01	9	118	6.23	2.58	0.0909	6.43	0.659	0.0309	0.00427	5.42E-06	0.0277	2.53E-07	0.00681	0.00873	3.54E-06	0.099	6.49E-06	16.2	2.47E-05	0.000458	0.000169
2035-04-01	9	118	6.07	2.58	0.0906	6.36	0.653	0.0304	0.00426	5.28E-06	0.0267	2.50E-07	0.00681	0.00864	3.50E-06	0.0987	6.11E-06	15.9	2.43E-05	0.000456	0.000151
2035-05-01	9	102	5.82	2.22	0.0788	5.7	0.581	0.0276	0.00368	4.96E-06	0.0259	2.24E-07	0.00588	0.00767	3.14E-06	0.0851	6.37E-06	14.6	2.19E-05	0.000401	0.000181
2035-06-01	9	110	5.47	2.42	0.0848	5.86	0.604	0.0278	0.00398	4.74E-06	0.0234	2.30E-07	0.00638	0.00797	3.22E-06	0.0919	5.13E-06	14.4	2.23E-05	0.000425	1.14E-04
2035-07-01	9	113	5.46	2.48	0.0868	5.95	0.614	0.0281	0.00408	4.74E-06	0.0232	2.34E-07	0.00654	0.0081	3.27E-06	0.0942	4.93E-06	14.5	2.27E-05	0.000435	1.02E-04
2035-08-01	9	105	5.64	2.29	0.0808	5.75	0.588	0.0276	0.00378	4.89E-06	0.0251	2.27E-07	0.00606	0.00774	3.17E-06	0.0873	5.95E-06	14.5	2.21E-05	0.00041	1.58E-04
2035-09-01	9	107	5.69	2.33	0.0822	5.82	0.596	0.0279	0.00385	4.90E-06	0.025	2.29E-07	0.00616	0.00785	3.21E-06	0.0889	5.85E-06	14.6	2.23E-05	0.000416	1.51E-04
2035-10-01	9	105	5.76	2.3	0.0813	5.78	0.592	0.0278	0.0038	4.90E-06	0.0251	2.27E-07	0.00608	0.0078	3.18E-06	0.0878	5.96E-06	14.6	2.21E-05	0.000411	0.000158
2035-11-01	9	107	5.73	2.34	0.0824	5.81	0.597	0.0279	0.00386	4.87E-06	0.0248	2.29E-07	0.00617	0.00787	3.20E-06	0.0891	5.76E-06	14.6	2.22E-05	0.000416	1.47E-04
2035-12-01	9	110	5.73	2.4	0.0843	5.91	0.607	0.0283	0.00395	4.89E-06	0.0247	2.32E-07	0.00632	0.008	3.25E-06	0.0912	5.62E-06	14.7	2.26E-05	0.000425	0.000138
2036-01-01	10	116	5.98	2.53	0.0888	6.21	0.638	0.0296	0.00416	5.11E-06	0.0257	2.44E-07	0.00667	0.00842	3.42E-06	0.0962	5.81E-06	15.4	2.37E-05	0.000447	0.00014
2036-02-01	10	116	5.96	2.53	0.0889	6.2	0.638	0.0296	0.00416	5.10E-06	0.0256	2.44E-07	0.00667	0.00841	3.41E-06	0.0962	5.78E-06	15.4	2.37E-05	0.000447	0.000138
2036-03-01	10	116	5.94	2.53	0.089	6.2	0.638	0.0296	0.00417	5.09E-06	0.0255	2.44E-07									

TMF NW Pond																					
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L
2038-01-01	12	116	6.15	2.52	0.0889	6.26	0.642	0.0299	0.00414	5.17E-06	0.026	2.46E-07	0.00666	0.00839	3.44E-06	0.0952	5.91E-06	15.5	2.37E-05	0.000449	0.000144
2038-02-01	12	116	6.13	2.52	0.0889	6.25	0.641	0.0299	0.00414	5.16E-06	0.0259	2.46E-07	0.00666	0.00839	3.44E-06	0.0952	5.87E-06	15.5	2.37E-05	0.000449	0.000142
2038-03-01	12	116	6.10	2.53	0.089	6.25	0.641	0.0299	0.00414	5.14E-06	0.0258	2.46E-07	0.00667	0.00839	3.44E-06	0.0953	5.82E-06	15.5	2.37E-05	0.000449	0.00014
2038-04-01	12	117	5.97	2.54	0.0892	6.22	0.639	0.0296	0.00415	5.06E-06	0.0252	2.44E-07	0.00669	0.00836	3.42E-06	0.0954	5.59E-06	15.3	2.36E-05	0.00045	0.000129
2038-05-01	12	102	5.98	2.19	0.0778	5.67	0.576	0.0275	0.00359	4.89E-06	0.0254	2.23E-07	0.00578	0.0075	3.12E-06	0.0825	6.18E-06	14.3	2.14E-05	0.000396	0.000172
2038-06-01	12	111	5.52	2.41	0.0845	5.85	0.602	0.0278	0.00393	4.72E-06	0.0233	2.30E-07	0.00635	0.00786	3.22E-06	0.0901	5.09E-06	14.3	2.22E-05	0.000426	1.12E-04
2038-07-01	12	114	5.48	2.47	0.0866	5.94	0.613	0.0281	0.00403	4.73E-06	0.0231	2.33E-07	0.00652	0.00801	3.27E-06	0.0925	4.91E-06	14.4	2.26E-05	0.000437	1.01E-04
2038-08-01	12	106	5.80	2.28	0.0805	5.78	0.588	0.0278	0.00373	4.90E-06	0.0251	2.28E-07	0.00601	0.00765	3.19E-06	0.0854	5.96E-06	14.4	2.19E-05	0.000409	1.58E-04
2038-09-01	12	107	5.87	2.31	0.0816	5.83	0.595	0.028	0.00378	4.91E-06	0.0251	2.29E-07	0.0061	0.00775	3.21E-06	0.0867	5.87E-06	14.5	2.21E-05	0.000415	1.52E-04
2038-10-01	12	106	5.96	2.28	0.0806	5.79	0.59	0.0279	0.00373	4.91E-06	0.0252	2.28E-07	0.00601	0.00768	3.19E-06	0.0856	5.97E-06	14.5	2.19E-05	0.000409	0.000158
2038-11-01	12	107	5.92	2.31	0.0816	5.81	0.594	0.028	0.00377	4.88E-06	0.0249	2.29E-07	0.00609	0.00774	3.20E-06	0.0866	5.80E-06	14.5	2.20E-05	0.000414	1.49E-04
2038-12-01	12	109	5.84	2.35	0.0829	5.86	0.6	0.0281	0.00384	4.86E-06	0.0245	2.30E-07	0.0062	0.00782	3.22E-06	0.0881	5.62E-06	14.5	2.22E-05	0.00042	0.000139
2039-01-01	13	116	6.16	2.51	0.0885	6.23	0.638	0.0298	0.0041	5.14E-06	0.0259	2.45E-07	0.00662	0.00832	3.43E-06	0.0941	5.87E-06	15.4	2.36E-05	0.000448	0.000143
2039-02-01	13	116	6.14	2.51	0.0885	6.23	0.638	0.0298	0.0041	5.13E-06	0.0258	2.45E-07	0.00663	0.00832	3.43E-06	0.0942	5.84E-06	15.4	2.36E-05	0.000448	0.000141
2039-03-01	13	117	6.11	2.52	0.0886	6.22	0.638	0.0297	0.00411	5.12E-06	0.0257	2.45E-07	0.00664	0.00832	3.42E-06	0.0943	5.79E-06	15.3	2.36E-05	0.000448	0.000139
2039-04-01	13	117	5.98	2.53	0.0889	6.2	0.637	0.0295	0.00413	5.05E-06	0.0251	2.43E-07	0.00667	0.00831	3.41E-06	0.0947	5.57E-06	15.2	2.35E-05	0.000449	0.000128
2039-05-01	13	102	6.04	2.19	0.0777	5.67	0.575	0.0275	0.00358	4.89E-06	0.0254	2.23E-07	0.00577	0.00746	3.12E-06	0.0822	6.16E-06	14.3	2.13E-05	0.000395	0.000171
2039-06-01	13	111	5.54	2.41	0.0845	5.85	0.602	0.0278	0.00392	4.72E-06	0.0233	2.30E-07	0.00635	0.00784	3.22E-06	0.0899	5.08E-06	14.3	2.22E-05	0.000426	1.12E-04
2039-07-01	13	114	5.49	2.47	0.0866	5.94	0.613	0.0281	0.00403	4.73E-06	0.0231	2.33E-07	0.00652	0.00799	3.27E-06	0.0923	4.91E-06	14.4	2.26E-05	0.000437	1.01E-04
2039-08-01	13	106	5.85	2.27	0.0805	5.79	0.588	0.0278	0.00372	4.90E-06	0.0251	2.28E-07	0.006	0.00763	3.19E-06	0.0852	5.95E-06	14.4	2.19E-05	0.000409	1.57E-04
2039-09-01	13	107	5.92	2.31	0.0816	5.84	0.595	0.028	0.00377	4.91E-06	0.0251	2.30E-07	0.00609	0.00772	3.22E-06	0.0865	5.87E-06	14.5	2.21E-05	0.000414	1.52E-04
2039-10-01	13	106	6.02	2.28	0.0806	5.8	0.59	0.0279	0.00372	4.91E-06	0.0252	2.28E-07	0.006	0.00766	3.19E-06	0.0854	5.96E-06	14.5	2.19E-05	0.000409	0.000158
2039-11-01	13	107	5.98	2.31	0.0815	5.82	0.594	0.028	0.00377	4.88E-06	0.0249	2.29E-07	0.00608	0.00772	3.20E-06	0.0864	5.79E-06	14.5	2.20E-05	0.000413	1.49E-04
2039-12-01	13	110	5.93	2.36	0.0834	5.9	0.603	0.0282	0.00386	4.89E-06	0.0247	2.32E-07	0.00623	0.00784	3.24E-06	0.0885	5.65E-06	14.6	2.23E-05	0.000422	0.00014
2040-01-01	14	114	6.12	2.47	0.0871	6.14	0.629	0.0294	0.00403	5.06E-06	0.0255	2.41E-07	0.00651	0.00817	3.38E-06	0.0925	5.78E-06	15.1	2.32E-05	0.000441	0.000141
2040-02-01	14	115	6.10	2.47	0.0872	6.14	0.629	0.0293	0.00404	5.06E-06	0.0254	2.41E-07	0.00652	0.00818	3.38E-06	0.0926	5.75E-06	15.1	2.32E-05	0.000441	0.000139
2040-03-01	14	115	6.07	2.48	0.0873	6.14	0.629	0.0293	0.00405	5.05E-06	0.0253	2.41E-07	0.00654	0.00819	3.38E-06	0.0928	5.71E-06	15.1	2.32E-05	0.000442	0.000137
2040-04-01	14	116	5.95	2.5	0.0879	6.13	0.63	0.0292	0.00408	4.99E-06	0.0249	2.41E-07	0.00659	0.0082	3.37E-06	0.0936	5.51E-06	15	2.32E-05	0.000444	0.000127
2040-05-01	14	99.4	6.09	2.14	0.0762	5.66	0.569	0.0275	0.00351	4.86E-06	0.0251	2.23E-07	0.00563	0.00737	3.12E-06	0.0805	6.03E-06	14.4	2.07E-05	0.000384	0.000164
2040-06-01	14	111	5.57	2.39	0.084	5.85	0.6	0.0278	0.00391	4.71E-06	0.0233	2.30E-07	0.0063	0.00783	3.22E-06	0.0896	5.06E-06	14.3	2.20E-05	0.000423	1.11E-04
2040-07-01	14	114	5.51	2.46	0.0863	5.94	0.612	0.0281	0.00402	4.73E-06	0.0231	2.33E-07	0.0065	0.008	3.27E-06	0.0923	4.90E-06	14.4	2.25E-05	0.000434	1.01E-04
2040-08-01	14	104	5.94	2.25	0.0797	5.84	0.588	0.0282	0.00369	4.94E-06	0.0252	2.30E-07	0.00592	0.00762	3.22E-06	0.0845	5.93E-06	14.7	2.15E-05	0.000403	1.55E-04
2040-09-01	14	105	6.04	2.27	0.0805	5.87	0.593	0.0283	0.00373	4.94E-06	0.0251	2.31E-07	0.00598	0.00769	3.24E-06	0.0854	5.87E-06	14.7	2.16E-05	0.000406	1.51E-04
2040-10-01	14	104	6.14	2.23	0.0793	5.82	0.587	0.0282	0.00366	4.92E-06	0.0252	2.29E-07	0.00588	0.00761	3.21E-06	0.0841	5.94E-06	14.6	2.14E-05	0.0004	0.000156
2040-11-01	14	105	6.13	2.25	0.08	5.83	0.59	0.0281	0.0037	4.89E-06	0.0249	2.29E-07	0.00593	0.00765	3.21E-06	0.0849	5.81E-06	14.6	2.15E-05	0.000403	0.000149
2040-12-01	14	107	6.05	2.31	0.0818	5.89	0.598	0.0283	0.00378	4.89E-06	0.0247	2.32E-07	0.00608	0.00777	3.24E-06	0.0869	5.67E-06	14.7	2.18E-05	0.000411	1.41E-04
2041-01-01	15	115	6.38	2.47	0.0875	6.27	0.638	0.0301	0.00405	5.19E-06	0.0261	2.47E-07	0.00652	0.00829	3.45E-06	0.0931	5.95E-06	15.6	2.33E-05	0.00044	1.45E-04
2041-02-01	15	115	6.35	2.48	0.0876	6.27	0.638	0.0301	0.00406	5.17E-06	0.026	2.46E-07	0.00653	0.00829	3.45E-06	0.0932	5.91E-06	15.6	2.33E-05	0.000441	1.44E-04
2041-03-01	15	115	6.31	2.48	0.0878	6.26	0.638	0.03	0.00407	5.16E-06	0.0259	2.46E-07	0.00654	0.00829	3.45E-06	0.0934	5.86E-06	15.5	2.33E-05	0.000442	0.000141
2041-04-01	15	116	6.14	2.5	0.0882	6.23	0.636	0.0298	0.00409	5.08E-06	0.0253	2.45E-07	0.0066	0.00828	3.43E-06	0.0939	5.62E-06	15.3	2.33E-05	0.000444	0.00013
2041-05-01	15	97.3	10.30	2.05	0.0751	5.62	0.591	0.0289	0.00327	4.73E-06	0.025	2.14E-07	0.00524	0.00762	1.02E-05	0.0795	6.08E-06	14.7	1.96E-05	0.00036	1.72E-04
2041-06-01	15	110	6.98	2.35	0.0834	5.84	0.607	0.0283	0.00381	4.69E-06	0.0234	2.27E-07	0.00615	0.00789	5.54E-06	0.0888	5.12E-06	14.4	2.16E-05	0.000414	0.000116
2041-07-01	15	113	6.26	2.44	0.086	5.93	0.615	0.0284	0.00397	4.71E-06	0.0232	2.32E-07	0.00641	0.00802	4.49E-06	0.0916	4.95E-06	14.5	2.23E-05	0.00043	1.04E-04
2041-08-01	15	115	5.98	2.49	0.0875	6	0.622	0.0285	0.00405	4.75E-06	0.0232	2.35E-07	0.00655	0.00811	4.07E-06	0.0933	4.89E-06	14.6	2.26E-05	0.000438	9.91E-05
2041-09-01	15	111	7.98	2.38	0.0847	5.94	0.623	0.0291	0.00383	4.76E-06	0.0239	2.30E-07	0.00619	0.00811	1.11E-05	0.0902	5.26E-06	14.8	2.18E-05	0.000417	1.21E-04
2041-10-01	15	106	9.38	2.25	0.0812	5.82	0.615	0.0293	0.0036	4.74E-06	0.0244	2.23E-07	0.0058	0.00798	1.76E-05	0.0862	5.58E-06	14.8	2.09E-05	0.000393	0.000142
2041-11-01	15	104	10.20	2.2	0.08	5.77	0.614	0.0294	0.00351	4.71E-06	0.0244	2.20E-07	0.00565	0.00797	2.21E-05	0.085	5.65E-06	14.8	2.05E-05	0.000384	0.000147
2041-12-01	15	106	9.71	2.24	0.0812	5.81	0.616	0.0293	0.												

TMF NW Pond																					
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L
2043-10-01	17	103	9.17	2.2	0.0794	5.85	0.612	0.0298	0.00354	4.71E-06	0.0239	2.25E-07	0.00569	0.00808	7.14E-05	0.0849	5.34E-06	15.2	2.00E-05	0.000378	0.000128
2043-11-01	17	101	9.89	2.14	7.80E-02	5.80E+00	6.11E-01	3.00E-02	3.44E-03	4.68E-06	2.39E-02	2.22E-07	5.54E-03	8.08E-03	8.64E-05	8.33E-02	5.37E-06	15.2	1.95E-05	3.67E-04	1.31E-04
2043-12-01	17	1.02E+02	9.74	2.18E+00	7.89E-02	5.82E+00	6.13E-01	2.99E-02	3.49E-03	4.67E-06	2.38E-02	2.23E-07	5.63E-03	8.12E-03	8.36E-05	8.45E-02	5.30E-06	1.52E+01	1.98E-05	3.73E-04	1.27E-04
2044-01-01	18	1.05E+02	9.71	2.23E+00	8.09E-02	5.94E+00	6.25E-01	3.04E-02	3.59E-03	4.76E-06	2.42E-02	2.28E-07	5.78E-03	8.27E-03	8.14E-05	8.66E-02	5.37E-06	1.54E+01	2.03E-05	3.84E-04	1.28E-04
2044-02-01	18	107	9.87	2.28	0.0826	6.06	0.638	0.031	0.00367	4.86E-06	0.0247	2.32E-07	0.00591	0.00844	8.24E-05	0.0884	5.47E-06	15.7	2.07E-05	0.000392	0.00013
2044-03-01	18	107	9.86	2.28	0.0825	6.05	0.637	0.031	0.00366	4.85E-06	0.0246	2.32E-07	0.0059	0.00843	8.22E-05	0.0883	5.47E-06	15.7	2.07E-05	0.000391	0.00013
2044-04-01	18	106	9.76	2.26	0.0816	5.99	0.631	0.0306	0.00362	4.80E-06	0.0244	2.30E-07	0.00584	0.00834	8.14E-05	0.0874	5.41E-06	15.5	2.05E-05	0.000387	0.000129
2044-05-01	18	64.7	15.00	1.3	0.0528	5.06	0.533	0.0303	0.00199	4.40E-06	0.0246	1.88E-07	0.00321	0.00713	2.34E-04	0.0546	6.33E-06	15.4	1.25E-05	0.000212	0.000202
2044-06-01	18	55.8	12.90	1.12	0.0456	4.36	0.46	0.0261	0.00171	3.80E-06	0.0212	1.62E-07	0.00277	0.00615	2.02E-04	0.0471	5.46E-06	13.3	1.08E-05	1.83E-04	0.000174
2044-07-01	18	50.2	11.60	1.01	0.041	3.93	0.413	0.0235	0.00154	3.42E-06	0.0191	1.46E-07	0.00249	0.00553	1.82E-04	0.0423	4.92E-06	12	9.73E-06	1.65E-04	1.56E-04
2044-08-01	18	46.4	10.70	0.936	0.0379	3.63	0.382	0.0217	0.00143	3.16E-06	0.0177	1.35E-07	0.0023	0.00512	1.68E-04	0.0392	4.55E-06	11.1	9.00E-06	1.52E-04	1.45E-04
2044-09-01	18	41.1	16.30	0.77	0.0353	3.97	0.435	0.0265	1.05E-03	3.53E-06	0.0209	1.41E-07	1.76E-03	5.96E-03	3.13E-04	0.0356	5.64E-06	13.4	7.52E-06	1.12E-04	1.96E-04
2044-10-01	18	34.3	18.60	0.6	0.0309	4.04	0.443	0.0284	0.000738	3.70E-06	0.0225	1.42E-07	0.00128	0.00611	3.86E-04	0.0303	6.28E-06	14.3	6.18E-06	7.87E-05	0.000228
2044-11-01	18	32.4	20.60	0.543	2.97E-02	4.01E+00	4.55E-01	2.94E-02	5.91E-04	3.65E-06	2.26E-02	1.38E-07	1.09E-03	6.35E-03	4.46E-04	2.91E-02	6.34E-06	14.7	5.46E-06	6.29E-05	2.33E-04
2044-12-01	18	3.21E+01	20.90	5.32E-01	2.93E-02	3.90E+00	4.52E-01	2.90E-02	5.53E-04	3.51E-06	2.18E-02	1.32E-07	1.05E-03	6.34E-03	4.59E-04	2.89E-02	6.11E-06	1.44E+01	5.17E-06	5.89E-05	2.25E-04
2045-01-01	19	3.19E+01	20.80	5.28E-01	2.91E-02	3.87E+00	4.48E-01	2.87E-02	5.48E-04	3.48E-06	2.17E-02	1.31E-07	1.04E-03	6.28E-03	4.55E-04	2.87E-02	6.06E-06	1.43E+01	5.13E-06	5.84E-05	2.23E-04
2045-02-01	19	31.8	20.70	0.527	0.0291	3.86	0.447	0.0287	0.000547	3.48E-06	0.0216	1.31E-07	0.00104	0.00628	0.000455	0.0286	6.05E-06	14.3	5.13E-06	5.83E-05	0.000223
2045-03-01	19	31.8	20.70	0.526	0.029	3.86	0.447	0.0287	0.000546	3.47E-06	0.0216	1.31E-07	0.00104	0.00627	4.54E-04	0.0286	6.04E-06	14.2	5.12E-06	5.82E-05	0.000223
2045-04-01	19	31.4	20.50	0.521	0.0287	3.82	0.442	0.0284	0.000541	3.43E-06	0.0214	1.29E-07	0.00103	0.0062	4.49E-04	0.0283	5.98E-06	14.1	5.06E-06	5.76E-05	0.00022
2045-05-01	19	27.2	19.70	0.438	0.0259	3.95	0.436	0.0291	0.000446	3.72E-06	0.0231	1.37E-07	0.000861	0.0061	4.77E-04	0.0246	6.61E-06	14.8	4.83E-06	4.74E-05	0.000247
2045-06-01	19	23.4	17.00	0.377	0.0224	3.41	0.376	0.0251	0.000384	3.21E-06	0.02	1.19E-07	0.000743	0.00526	4.11E-04	0.0212	5.71E-06	12.8	4.17E-06	4.09E-05	0.000213
2045-07-01	19	21.1	15.30	0.339	0.0201	3.07	0.338	0.0226	0.000346	2.88E-06	0.0179	1.07E-07	0.000668	0.00473	3.70E-04	0.0191	5.13E-06	11.5	3.75E-06	3.68E-05	1.92E-04
2045-08-01	19	19.5	14.10	0.314	0.0186	2.84	0.313	0.0209	0.00032	2.67E-06	0.0166	9.87E-08	0.000618	0.00438	3.42E-04	0.0176	4.75E-06	10.6	3.47E-06	3.40E-05	1.78E-04
2045-09-01	19	23.4	18.00	0.371	0.0224	3.45	0.389	0.0261	3.38E-04	3.23E-06	0.0203	1.19E-07	7.33E-04	5.53E-03	4.83E-04	0.0213	5.80E-06	13.2	3.97E-06	3.60E-05	2.18E-04
2045-10-01	19	23.9	18.90	0.377	0.0232	3.72	0.415	0.0281	0.00034	3.53E-06	0.0221	1.29E-07	0.000759	0.00591	5.38E-04	0.0218	6.36E-06	14.4	4.19E-06	3.61E-05	0.00024
2045-11-01	19	25.3	20.30	0.398	2.43E-02	3.78E+00	4.34E-01	2.92E-02	3.30E-04	3.54E-06	2.24E-02	1.29E-07	8.00E-04	6.26E-03	5.97E-04	2.31E-02	6.39E-06	14.8	4.16E-06	3.51E-05	2.41E-04
2045-12-01	19	2.55E+01	20.50	4.01E-01	2.43E-02	3.69E+00	4.32E-01	2.88E-02	3.16E-04	3.41E-06	2.16E-02	1.24E-07	8.04E-04	6.26E-03	6.10E-04	2.34E-02	6.16E-06	1.45E+01	3.99E-06	3.36E-05	2.32E-04
2046-01-01	20	2.53E+01	20.30	3.98E-01	2.41E-02	3.66E+00	4.28E-01	2.86E-02	3.14E-04	3.38E-06	2.14E-02	1.23E-07	7.97E-04	6.21E-03	6.05E-04	2.32E-02	6.10E-06	1.44E+01	3.96E-06	3.33E-05	2.30E-04
2046-02-01	20	25.3	20.30	0.397	0.0241	3.65	0.428	0.0285	0.000313	3.37E-06	0.0214	1.23E-07	0.000796	0.0062	6.04E-04	0.0232	6.10E-06	14.4	3.96E-06	3.33E-05	0.00023
2046-03-01	20	25.2	20.30	0.397	0.024	3.65	0.427	0.0285	0.000313	3.37E-06	0.0214	1.23E-07	0.000795	0.00619	6.03E-04	0.0231	6.09E-06	14.4	3.95E-06	3.33E-05	0.00023
2046-04-01	20	25	20.10	0.392	0.0238	3.61	0.423	0.0282	0.00031	3.33E-06	0.0212	1.22E-07	0.000787	0.00613	5.97E-04	0.0229	6.03E-06	14.2	3.91E-06	3.29E-05	0.000227
2046-05-01	20	23.5	18.90	0.374	0.023	3.83	0.424	0.0291	0.00033	3.67E-06	0.023	1.34E-07	0.0008	0.00613	6.10E-04	0.0214	6.64E-06	14.9	4.25E-06	3.50E-05	0.000251
2046-06-01	20	20.3	16.30	0.323	0.0198	3.3	0.365	0.0251	0.000285	3.17E-06	0.0199	1.15E-07	0.00069	0.00529	5.26E-04	0.0185	5.73E-06	12.9	3.67E-06	3.02E-05	0.000216
2046-07-01	20	18.2	14.70	0.29	0.0178	2.97	0.329	0.0226	0.000256	2.85E-06	0.0179	1.04E-07	0.00062	0.00476	4.73E-04	0.0166	5.15E-06	11.6	3.30E-06	2.72E-05	1.95E-04
2046-08-01	20	16.9	13.60	0.268	0.0165	2.75	0.304	0.0209	0.000237	2.63E-06	0.0165	9.61E-08	0.000574	0.0044	4.38E-04	0.0154	4.77E-06	10.7	3.05E-06	2.52E-05	1.80E-04
2046-09-01	20	21.2	17.00	0.342	0.0206	3.36	0.381	0.026	2.84E-04	3.20E-06	0.0202	1.17E-07	7.60E-04	5.60E-03	6.01E-04	0.0194	5.80E-06	13.3	3.69E-06	3.02E-05	2.19E-04
2046-10-01	20	22.3	17.80	0.362	0.0217	3.65	0.408	0.0281	0.00031	3.51E-06	0.0221	1.28E-07	0.000832	0.00602	6.61E-04	0.0203	6.37E-06	14.5	4.04E-06	3.29E-05	0.000241
2046-11-01	20	23.8	19.00	0.388	2.29E-02	3.72E+00	4.27E-01	2.92E-02	3.10E-04	3.53E-06	2.23E-02	1.29E-07	8.99E-04	6.38E-03	7.29E-04	2.17E-02	6.40E-06	14.9	4.06E-06	3.29E-05	2.42E-04
2046-12-01	20	2.41E+01	19.20	3.93E-01	2.30E-02	3.62E+00	4.25E-01	2.88E-02	2.98E-04	3.40E-06	2.16E-02	1.24E-07	9.08E-04	6.39E-03	7.44E-04	2.20E-02	6.16E-06	1.46E+01	3.90E-06	3.17E-05	2.33E-04
2047-01-01	21	2.39E+01	19.00	3.90E-01	2.28E-02	3.59E+00	4.22E-01	2.86E-02	2.96E-04	3.37E-06	2.14E-02	1.23E-07	9.00E-04	6.34E-03	7.38E-04	2.18E-02	6.11E-06	1.45E+01	3.87E-06	3.14E-05	2.31E-04
2047-02-01	21	23.9	19.00	0.389	0.0227	3.59	0.421	0.0285	0.000296	3.37E-06	0.0214	1.23E-07	0.000899	0.00633	7.37E-04	0.0218	6.10E-06	14.5	3.87E-06	3.14E-05	0.000231
2047-03-01	21	23.8	19.00	0.389	0.0227	3.58	0.42	0.0285	0.000295	3.36E-06	0.0214	1.22E-07	0.000898	0.00632	7.36E-04	0.0218	6.09E-06	14.5	3.86E-06	3.13E-05	0.00023
2047-04-01	21	23.6	18.80	0.385	0.0225	3.55	0.416	0.0282	0.000292	3.33E-06	0.0212	1.21E-07	0.000889	0.00626	7.29E-04	0.0215	6.03E-06	14.3	3.82E-06	3.10E-05	0.000228
2047-05-01	21	22.3	17.60	0.371	0.0218	3.77	0.418	0.0291	0.000321	3.67E-06	0.023	1.34E-07	0.00091	0.00626	7.35E-04	0.0203	6.65E-06	15.1	4.21E-06	3.41E-05	0.000251
2047-06-01	21	19.3	15.20	0.32	0.0188	3.26	0.361	0.0251	0.000277	3.16E-06	0.0199	1.15E-07	0.000785	0.0054	6.34E-04	0.0175	5.74E-06	13	3.63E-06	2.94E-05	0.000217
2047-07-01	21	17.3	13.70	0.288	0.017	2.93	0.324	0.0226	0.000249	2.85E-06											

TMF NW Pond																					
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L
2049-07-01	23	15.9	11.70	0.291	0.0154	2.85	0.316	0.0226	0.000249	2.85E-06	0.0179	1.04E-07	0.000898	0.0051	7.64E-04	0.0142	5.16E-06	11.8	3.26E-06	2.64E-05	1.95E-04
2049-08-01	23	14.7	10.80	0.269	0.0143	2.64	0.292	0.0209	0.00023	2.63E-06	0.0165	9.59E-08	0.000831	0.00472	7.07E-04	0.0131	4.77E-06	10.9	3.02E-06	2.44E-05	1.80E-04
2049-09-01	23	18.5	13.50	0.344	0.0177	3.21	0.364	0.0259	2.79E-04	3.19E-06	0.0201	1.16E-07	1.09E-03	5.99E-03	9.43E-04	0.0165	5.77E-06	13.5	3.65E-06	2.96E-05	2.18E-04
2049-10-01	23	19.4	14.00	0.366	0.0187	3.5	0.391	0.028	0.000306	3.51E-06	0.0221	1.28E-07	0.00119	0.00644	1.02E-03	0.0173	6.35E-06	14.7	4.02E-06	3.25E-05	0.00024
2049-11-01	23	20.8	14.90	0.393	1.97E-02	3.56E+00	4.10E-01	2.91E-02	3.08E-04	3.52E-06	2.23E-02	1.28E-07	1.29E-03	6.83E-03	1.12E-03	1.85E-02	6.39E-06	15.1	4.04E-06	3.27E-05	2.42E-04
2049-12-01	23	2.10E+01	15.10	3.98E-01	1.97E-02	3.46E+00	4.07E-01	2.88E-02	2.97E-04	3.39E-06	2.16E-02	1.24E-07	1.30E-03	6.85E-03	1.14E-03	1.88E-02	6.15E-06	1.49E+01	3.89E-06	3.15E-05	2.33E-04
2050-01-01	24	2.08E+01	15.00	3.95E-01	1.96E-02	3.44E+00	4.04E-01	2.85E-02	2.94E-04	3.36E-06	2.14E-02	1.23E-07	1.29E-03	6.79E-03	1.13E-03	1.86E-02	6.10E-06	1.48E+01	3.86E-06	3.12E-05	2.31E-04
2050-02-01	24	20.8	14.90	0.394	0.0195	3.43	0.404	0.0285	0.000294	3.36E-06	0.0214	1.22E-07	0.00129	0.00679	1.13E-03	0.0186	6.09E-06	14.7	3.85E-06	3.12E-05	0.00023
2050-03-01	24	20.8	14.90	0.394	0.0195	3.43	0.403	0.0285	0.000293	3.36E-06	0.0213	1.22E-07	0.00129	0.00677	1.13E-03	0.0186	6.08E-06	14.7	3.85E-06	3.11E-05	0.00023
2050-04-01	24	20.6	14.80	0.39	0.0193	3.39	0.399	0.0282	0.00029	3.32E-06	0.0211	1.21E-07	0.00128	0.0067	1.12E-03	0.0184	6.02E-06	14.6	3.81E-06	3.08E-05	0.000228
2050-05-01	24	19.5	13.80	0.376	0.0188	3.62	0.401	0.029	0.00032	3.66E-06	0.023	1.33E-07	0.00128	0.0067	1.11E-03	0.0172	6.64E-06	15.3	4.20E-06	3.40E-05	0.000251
2050-06-01	24	16.8	11.90	0.325	0.0162	3.13	0.346	0.025	0.000276	3.16E-06	0.0198	1.15E-07	0.0011	0.00578	9.55E-04	0.0149	5.72E-06	13.2	3.62E-06	2.93E-05	0.000216
2050-07-01	24	15.1	10.70	0.292	0.0146	2.81	0.311	0.0225	0.000248	2.84E-06	0.0178	1.03E-07	0.000993	0.0052	8.59E-04	0.0134	5.15E-06	11.8	3.26E-06	2.64E-05	1.95E-04
2050-08-01	24	14	9.91	0.27	0.0135	2.6	0.288	0.0208	0.0135	2.63E-06	0.0165	9.57E-08	0.000919	0.00481	7.95E-04	0.0124	4.76E-06	11	3.01E-06	2.44E-05	1.80E-04
2050-09-01	24	17.6	12.30	0.346	0.0168	3.17	0.36	0.0259	2.79E-04	3.19E-06	0.0201	1.16E-07	1.21E-03	6.12E-03	1.06E-03	0.0156	5.78E-06	13.6	3.66E-06	2.96E-05	2.18E-04
2050-10-01	24	18.5	12.80	0.368	0.0178	3.45	0.386	0.028	0.000306	3.51E-06	0.0221	1.28E-07	0.00131	0.00657	1.14E-03	0.0163	6.35E-06	14.8	4.02E-06	3.25E-05	0.00024
2050-11-01	24	19.8	13.60	0.395	1.87E-02	3.51E+00	4.04E-01	2.91E-02	3.08E-04	3.52E-06	2.23E-02	1.28E-07	1.42E-03	6.98E-03	1.25E-03	1.75E-02	6.39E-06	15.2	4.04E-06	3.27E-05	2.41E-04
2050-12-01	24	2.00E+01	13.70	4.00E-01	1.86E-02	3.41E+00	4.02E-01	2.88E-02	2.97E-04	3.39E-06	2.16E-02	1.24E-07	1.43E-03	7.00E-03	1.27E-03	1.77E-02	6.15E-06	1.50E+01	3.89E-06	3.15E-05	2.33E-04
2051-01-01	25	1.98E+01	13.60	3.97E-01	1.85E-02	3.38E+00	3.98E-01	2.85E-02	2.94E-04	3.36E-06	2.14E-02	1.23E-07	1.42E-03	6.94E-03	1.26E-03	1.76E-02	6.10E-06	1.49E+01	3.86E-06	3.12E-05	2.31E-04
2051-02-01	25	19.8	13.60	0.396	0.0185	3.38	0.398	0.0285	0.000294	3.36E-06	0.0214	1.22E-07	0.00142	0.00693	1.26E-03	0.0175	6.09E-06	14.8	3.85E-06	3.12E-05	0.00023
2051-03-01	25	19.8	13.60	0.395	0.0184	3.37	0.397	0.0284	0.000293	3.36E-06	0.0213	1.22E-07	0.00142	0.00692	1.26E-03	0.0175	6.08E-06	14.8	3.85E-06	3.11E-05	0.00023
2051-04-01	25	19.6	13.40	0.391	0.0183	3.34	0.393	0.0282	0.00029	3.32E-06	0.0211	1.21E-07	0.0014	0.00685	1.25E-03	0.0173	6.02E-06	14.7	3.81E-06	3.08E-05	0.000228
2051-05-01	25	18.5	12.50	0.378	0.0178	3.57	0.396	0.029	0.00032	3.66E-06	0.023	1.33E-07	0.0014	0.00684	1.23E-03	0.0163	6.64E-06	15.3	4.20E-06	3.40E-05	0.000251
2051-06-01	25	16	10.80	0.326	0.0154	3.08	0.342	0.025	0.000276	3.16E-06	0.0198	1.15E-07	0.00121	0.0059	1.06E-03	0.014	5.72E-06	13.2	3.62E-06	2.93E-05	0.000216
2051-07-01	25	14.4	9.71	0.293	0.0138	2.77	0.307	0.0225	0.000248	2.84E-06	0.0178	1.03E-07	0.00109	0.0053	9.55E-04	0.0126	5.15E-06	11.9	3.26E-06	2.64E-05	1.95E-04
2051-08-01	25	13.3	8.99	0.271	0.0128	2.57	0.284	0.0208	0.00023	2.63E-06	0.0165	9.57E-08	0.00101	0.00491	8.83E-04	0.0117	4.76E-06	11	3.01E-06	2.44E-05	1.80E-04
2051-09-01	25	16.8	11.10	0.348	0.0159	3.14	0.356	0.026	2.80E-04	3.20E-06	0.0202	1.17E-07	1.33E-03	6.27E-03	1.18E-03	0.0147	5.81E-06	13.7	3.67E-06	2.97E-05	2.20E-04
2051-10-01	25	17.6	11.60	0.37	0.0168	3.42	0.381	0.0281	0.000307	3.51E-06	0.0221	1.28E-07	0.00143	0.00672	1.27E-03	0.0154	6.37E-06	14.9	4.03E-06	3.26E-05	0.000241
2051-11-01	25	18.8	12.20	0.398	1.76E-02	3.47E+00	3.99E-01	2.92E-02	3.09E-04	3.53E-06	2.23E-02	1.29E-07	1.55E-03	7.13E-03	1.38E-03	1.64E-02	6.40E-06	15.4	4.05E-06	3.28E-05	2.42E-04
2051-12-01	25	1.90E+01	12.40	4.02E-01	1.76E-02	3.37E+00	3.96E-01	2.88E-02	2.97E-04	3.40E-06	2.16E-02	1.24E-07	1.57E-03	7.15E-03	1.41E-03	1.67E-02	6.16E-06	1.51E+01	3.90E-06	3.15E-05	2.33E-04
2052-01-01	26	1.88E+01	12.30	3.99E-01	1.75E-02	3.34E+00	3.93E-01	2.86E-02	2.95E-04	3.37E-06	2.14E-02	1.23E-07	1.56E-03	7.09E-03	1.40E-03	1.65E-02	6.11E-06	1.50E+01	3.87E-06	3.13E-05	2.31E-04
2052-02-01	26	18.8	12.20	0.399	0.0174	3.33	0.393	0.0285	0.000294	3.37E-06	0.0214	1.23E-07	0.00155	0.00708	1.40E-03	0.0165	6.10E-06	15	3.86E-06	3.12E-05	0.000231
2052-03-01	26	18.8	12.20	0.398	0.0174	3.33	0.392	0.0285	0.000294	3.36E-06	0.0214	1.22E-07	0.00155	0.00707	1.39E-03	0.0165	6.09E-06	14.9	3.85E-06	3.12E-05	0.00023
2052-04-01	26	18.6	12.10	0.394	0.0172	3.29	0.388	0.0282	0.000291	3.33E-06	0.0212	1.21E-07	0.00154	0.007	1.38E-03	0.0163	6.03E-06	14.8	3.82E-06	3.09E-05	0.000228
2052-05-01	26	17.6	11.20	0.38	0.0169	3.53	0.391	0.0291	0.00032	3.66E-06	0.023	1.33E-07	0.00153	0.00697	1.36E-03	0.0153	6.64E-06	15.5	4.20E-06	3.40E-05	0.000251
2052-06-01	26	15.2	9.70	0.328	0.0145	3.04	0.337	0.0251	0.000276	3.16E-06	0.0199	1.15E-07	0.00132	0.00601	1.17E-03	0.0132	5.73E-06	13.3	3.63E-06	2.93E-05	0.000217
2052-07-01	26	13.7	8.73	0.295	0.0131	2.74	0.303	0.0225	0.000248	2.84E-06	0.0179	1.04E-07	0.00119	0.00541	1.05E-03	0.0118	5.15E-06	12	3.26E-06	2.64E-05	1.95E-04
2052-08-01	26	12.6	8.07	0.273	0.0121	2.53	0.281	0.0209	0.00023	2.63E-06	0.0165	9.58E-08	0.0011	0.005	9.73E-04	0.011	4.77E-06	11.1	3.02E-06	2.44E-05	1.80E-04
2052-09-01	26	16	10.00	0.352	0.0151	3.12	0.353	0.0262	2.82E-04	3.23E-06	0.0204	1.18E-07	1.45E-03	6.42E-03	1.30E-03	0.0139	5.85E-06	13.9	3.71E-06	3.00E-05	2.21E-04
2052-10-01	26	16.7	10.30	0.373	0.0159	3.38	0.378	0.0282	0.000309	3.53E-06	0.0222	1.29E-07	0.00156	0.00686	1.39E-03	0.0144	6.40E-06	15.1	4.05E-06	3.28E-05	0.000242
2052-11-01	26	17.8	10.90	0.4	1.66E-02	3.42E+00	3.94E-01	2.92E-02	3.09E-04	3.54E-06	2.24E-02	1.29E-07	1.69E-03	7.27E-03	1.52E-03	1.54E-02	6.42E-06	15.5	4.06E-06	3.29E-05	2.43E-04
2052-12-01	26	1.80E+01	11.00	4.05E-01	1.66E-02	3.32E+00	3.92E-01	2.89E-02	2.98E-04	3.41E-06	2.17E-02	1.24E-07	1.71E-03	7.29E-03	1.54E-03	1.56E-02	6.18E-06	1.53E+01	3.91E-06	3.16E-05	2.34E-04
2053-01-01	27	1.79E+01	10.90	4.02E-01	1.64E-02	3.30E+00	3.88E-01	2.86E-02	2.95E-04	3.38E-06	2.15E-02	1.23E-07	1.69E-03	7.23E-03	1.53E-03	1.55E-02	6.12E-06	1.51E+01	3.88E-06	3.14E-05	2.32E-04
2053-02-01	27	17.8	10.90	0.401	0.0164	3.29	0.388	0.0286	0.000295	3.38E-06	0.0215	1.23E-07	0.00169	0.00722	1.53E-03	0.0155	6.12E-06	15.1	3.87E-06	3.13E-05	0.000231
2053-03-01	27	17.8	10.90	0.401	0.0164	3.29	0.387	0.0285	0.000295	3.37E-06	0.0214	1.23E-07	0.00169	0.00721	1.53E-03	0.0155	6.11E-06	15.1	3.87E-06	3.13E-05	0.000231
2053-04-01	27	17.6	10.80	0.396	0.0162	3.25	0.383	0.0283	0.000292	3.33E-06	0.0										

Date		Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L	
TMF NW Pond Statistics (Year 1 to Year 10)																										
Minimum			0.0000883	0.000402	0.0814	0.0000756	0.954	0.00106	0.000158	0.0016	0.116	0.000112	0.0000186	0.00000866	0.0000162	0.00162	0.00235	0.0000141	0.000000049	0.0000429	0.000124	0.0000248	0.00000751	0.000411	0.00051	
P10			0.0002128	0.0167	0.942	0.002722	20.62	0.0133	0.00177	0.09838	3.92	0.00183	0.00004638	0.000225	0.0000206	0.05768	0.03684	0.00001782	0.00000142	0.00005442	0.000157	0.000617	0.0002714	0.002472	0.0109	
Median			0.00274	0.0677	2.48	0.00523	38.8	0.0331	0.00539	0.467	4.5	0.00443	0.000619	0.000379	0.000988	0.221	0.0716	0.00108	0.0000023	0.00413	0.00468	0.000873	0.000543	0.0137	0.0212	
P90			0.003458	0.1238	3.048	0.007968	48.78	0.04548	0.00601	1.32	5.51	0.00523	0.0007304	0.000438	0.00127	0.3868	0.09026	0.001308	0.00000248	0.004848	0.00597	0.001618	0.000981	0.0158	0.03	
Maximum			0.00414	0.15	3.79	0.0103	50.1	0.0501	0.00734	1.49	5.81	0.0054	0.000873	0.000464	0.00129	0.567	0.11	0.00168	0.00000265	0.00629	0.00757	0.00194	0.00135	0.0193	0.0313	
Monthly Results																										
2027-02-01			1	8.83E-05	0.000402	0.0814	7.56E-05	0.954	0.00106	0.000158	0.0016	0.116	0.000112	1.86E-05	8.66E-06	2.53E-05	0.00162	0.00235	3.60E-05	4.90E-08	0.000134	0.000162	2.48E-05	7.51E-06	0.000411	0.00051
2027-03-01			1	0.000229	0.00104	0.211	0.000196	2.48	0.00276	0.000409	0.00416	0.3	0.00029	4.83E-05	2.25E-05	6.57E-05	0.00421	0.00611	9.35E-05	1.27E-07	0.000348	0.00042	6.43E-05	1.95E-05	0.00107	0.00132
2027-04-01			1	0.000861	0.00392	0.793	0.000737	9.3	0.0104	0.00154	0.0156	1.13	0.00109	0.000181	8.44E-05	0.000247	0.0158	0.0229	0.000351	4.78E-07	0.00131	0.00158	0.000242	7.32E-05	0.004	0.00497
2027-05-01			1	0.00247	0.116	2.14	0.00796	26.1	0.0336	0.004	0.586	3.51	0.00297	0.000523	0.000269	0.000659	0.441	0.0642	0.000913	1.76E-06	0.00338	0.0042	0.00148	0.00105	0.0112	0.0143
2027-06-01			1	0.00362	0.0458	3.3	0.00474	38.9	0.0447	0.00634	0.217	4.81	0.00453	0.000762	0.000362	0.00102	0.178	0.0959	0.00145	2.12E-06	0.00539	0.00653	0.00124	0.000543	0.0167	0.0209
2027-07-01			1	0.00394	0.03	3.62	0.00405	42.5	0.048	0.00699	0.134	5.19	0.00497	0.00083	0.00039	0.00112	0.118	0.105	0.0016	2.23E-06	0.00595	0.00718	0.0012	0.000432	0.0183	0.0228
2027-08-01			1	0.00346	0.132	3.02	0.00964	36.5	0.0459	0.00571	0.651	4.78	0.0042	0.000733	0.00037	0.000936	0.516	0.0893	0.0013	2.36E-06	0.00484	0.00597	0.00187	0.00125	0.0158	0.0198
2027-09-01			1	0.00344	0.141	3.01	0.00993	36.5	0.046	0.00566	0.715	4.85	0.00418	0.000728	0.000369	0.000926	0.535	0.0899	0.00129	2.37E-06	0.00478	0.00591	0.00191	0.00129	0.0157	0.02
2027-10-01			1	0.00332	0.15	2.89	0.0103	35.3	0.045	0.00542	0.767	4.74	0.00402	0.000703	0.00036	0.000888	0.567	0.0869	0.00123	2.34E-06	0.00457	0.00566	0.00194	0.00135	0.0151	0.0194
2027-11-01			1	0.00333	0.147	2.92	0.01	35.6	0.0451	0.00547	0.765	4.8	0.00405	0.000705	0.000359	0.000894	0.546	0.0882	0.00124	2.32E-06	0.00461	0.0057	0.0019	0.00131	0.0152	0.0197
2027-12-01			1	0.00348	0.12	3.1	0.00852	37.5	0.0458	0.00585	0.631	4.95	0.00428	0.000735	0.000366	0.00095	0.436	0.0931	0.00133	2.29E-06	0.00493	0.00606	0.00172	0.00108	0.0159	0.0207
2028-01-01			2	0.00353	0.111	3.16	0.00807	38.1	0.0462	0.00598	0.581	4.99	0.00436	0.000747	0.000369	0.000971	0.403	0.0946	0.00136	2.29E-06	0.00505	0.00619	0.00167	0.00102	0.0162	0.021
2028-02-01			2	0.00355	0.109	3.18	0.00798	38.3	0.0463	0.00601	0.57	5	0.00438	0.00075	0.00037	0.000976	0.397	0.095	0.00137	2.29E-06	0.00508	0.00622	0.00166	0.001	0.0163	0.0211
2028-03-01			2	0.00357	0.106	3.2	0.00783	38.5	0.0465	0.00607	0.554	5.02	0.00442	0.000755	0.000372	0.000985	0.386	0.0956	0.00138	2.30E-06	0.00513	0.00628	0.00164	0.000981	0.0164	0.0212
2028-04-01			2	0.00368	0.0923	3.31	0.00717	39.7	0.0472	0.0063	0.478	5.1	0.00457	0.000776	0.000379	0.00102	0.337	0.0983	0.00144	2.30E-06	0.00534	0.00651	0.00157	0.000883	0.0169	0.0217
2028-05-01			2	0.00328	0.138	2.87	0.00972	35	0.0441	0.00539	0.705	4.69	0.004	0.000695	0.000355	0.000889	0.526	0.0858	0.00123	2.28E-06	0.00455	0.00562	0.00185	0.00126	0.015	0.0191
2028-06-01			2	0.00384	0.0521	3.5	0.00523	41.6	0.0476	0.00673	0.251	5.14	0.00483	0.000811	0.000386	0.0011	0.201	0.102	0.00154	2.27E-06	0.00572	0.00693	0.00134	0.000603	0.0178	0.0223
2028-07-01			2	0.00404	0.0326	3.7	0.00425	43.7	0.0491	0.00714	0.147	5.33	0.0051	0.00085	0.000399	0.00116	0.128	0.107	0.00163	2.29E-06	0.00609	0.00735	0.00124	0.000457	0.0187	0.0233
2028-08-01			2	0.00349	0.13	3.06	0.00962	37.1	0.0463	0.00577	0.643	4.86	0.00426	0.000739	0.000375	0.000954	0.512	0.0901	0.00132	2.39E-06	0.00489	0.00603	0.00187	0.00124	0.016	0.0199
2028-09-01			2	0.00346	0.138	3.03	0.00986	37	0.0462	0.00571	0.7	4.91	0.00423	0.000731	0.000372	0.000941	0.528	0.0903	0.0013	2.38E-06	0.00482	0.00595	0.0019	0.00128	0.0158	0.0201
2028-10-01			2	0.00333	0.147	2.91	0.0102	35.6	0.045	0.00545	0.748	4.79	0.00406	0.000705	0.000362	0.0009	0.558	0.087	0.00124	2.34E-06	0.0046	0.00568	0.00192	0.00133	0.0152	0.0194
2028-11-01			2	0.00333	0.144	2.92	0.00997	35.8	0.0449	0.00548	0.749	4.84	0.00407	0.000704	0.00036	0.000902	0.538	0.0879	0.00124	2.32E-06	0.00461	0.00569	0.00188	0.00129	0.0152	0.0197
2028-12-01			2	0.00347	0.118	3.1	0.00848	37.7	0.0457	0.00585	0.619	4.98</														

TMF NW Pond

Date	Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2032-04-01	6	0.00323	0.0677	2.95	0.0056	40.7	0.0409	0.0058	0.366	4.84	0.00451	0.000695	0.00039	0.00103	0.242	0.0865	0.00127	2.31E-06	0.00476	0.00568	0.00128	0.000663	0.0153	0.023
2032-05-01	6	0.00276	0.0538	2.5	0.0046	41	0.0342	0.00522	0.281	4.11	0.00444	0.000614	0.000395	0.00103	0.196	0.072	0.00107	2.31E-06	0.00408	0.00472	0.00109	0.000549	0.0135	0.0251
2032-06-01	6	0.0029	0.0163	2.62	0.00253	45.2	0.0342	0.00571	7.82E-02	3.88	0.00494	0.000654	0.000412	0.00117	0.0551	0.0753	0.00116	2.32E-06	0.00443	0.00502	0.000849	2.60E-04	0.0145	0.0285
2032-07-01	6	0.00267	0.0548	2.39	0.00473	41.7	0.0329	0.0051	2.70E-01	3.96	0.00448	0.000602	0.000409	0.00105	0.212	0.0679	0.00103	2.40E-06	0.00392	0.00449	0.0011	5.79E-04	0.0132	0.026
2032-08-01	6	0.00263	0.0577	2.36	0.00487	41.3	0.0327	0.00503	2.87E-01	3.96	0.00443	0.000594	0.000407	0.00104	0.221	0.0671	0.00101	2.39E-06	0.00386	0.00442	0.00111	5.98E-04	0.013	0.0258
2032-09-01	6	0.0027	0.0494	2.43	0.00441	42.6	0.0332	0.00521	2.46E-01	3.97	0.00458	0.00061	0.000412	0.00107	0.188	0.0692	0.00105	2.40E-06	0.004	0.00456	0.00106	5.30E-04	0.0134	0.0266
2032-10-01	6	0.00271	0.0467	2.44	0.00423	42.8	0.0332	0.00524	0.235	3.96	0.00461	0.000612	0.000412	0.00108	0.175	0.0697	0.00105	2.39E-06	0.00403	0.00459	0.00104	0.000505	0.0135	0.0269
2032-11-01	6	0.00276	0.0394	2.48	0.00382	43.6	0.0334	0.00537	0.197	3.95	0.00471	0.000623	0.000414	0.00111	0.146	0.071	0.00108	2.39E-06	0.00413	0.00469	0.000995	4.46E-04	0.0137	0.0274
2032-12-01	6	0.00281	0.034	2.53	0.00353	44.4	0.0338	0.00549	0.169	3.95	0.00481	0.000635	0.000417	0.00113	0.125	0.0724	0.0011	2.39E-06	0.00422	0.00479	0.000966	0.000404	0.014	0.028
2033-01-01	7	0.00313	0.0351	2.82	0.00377	49.5	0.0375	0.00612	0.173	4.37	0.00536	0.000707	0.000463	0.00126	0.129	0.0807	0.00123	2.65E-06	0.00471	0.00534	0.00105	0.000427	0.0156	0.0312
2033-02-01	7	0.00313	0.0341	2.82	0.00371	49.5	0.0374	0.00612	0.168	4.35	0.00536	0.000706	0.000462	0.00126	0.125	0.0806	0.00123	2.64E-06	0.00471	0.00534	0.00105	0.000419	0.0156	0.0312
2033-03-01	7	0.00312	0.0325	2.81	0.00362	49.4	0.0373	0.00612	0.16	4.33	0.00536	0.000706	0.000461	0.00127	0.119	0.0806	0.00123	2.63E-06	0.00472	0.00535	0.00103	0.000406	0.0156	0.0312
2033-04-01	7	0.00311	0.0257	2.8	0.00321	49.2	0.0369	0.00612	0.124	4.24	0.00535	0.000702	0.000454	0.00127	0.0923	0.0802	0.00123	2.58E-06	0.00472	0.00534	0.000977	0.000349	0.0155	0.0311
2033-05-01	7	0.00272	0.0422	2.45	0.00397	43.3	0.0331	0.00529	0.215	3.96	0.00467	0.000616	0.000412	0.0011	0.156	0.0702	0.00106	2.38E-06	0.00407	0.00462	0.00101	0.000466	0.0136	0.0272
2033-06-01	7	0.00289	0.0131	2.6	0.00236	46	0.0339	0.00573	5.98E-02	3.83	0.00501	0.000654	0.000417	0.0012	0.0441	0.0748	0.00116	2.34E-06	0.00443	0.005	0.000828	2.37E-04	0.0145	0.0291
2033-07-01	7	0.00266	0.0531	2.38	0.00467	42.1	0.0328	0.0051	2.60E-01	3.96	0.00452	0.000601	0.000411	0.00107	0.207	0.0676	0.00103	2.41E-06	0.00392	0.00447	0.00109	5.69E-04	0.0132	0.0262
2033-08-01	7	0.00263	0.0564	2.36	0.00483	41.6	0.0325	0.00503	2.80E-01	3.97	0.00446	0.000594	0.000409	0.00105	0.218	0.0668	0.00101	2.40E-06	0.00386	0.00441	0.00111	5.92E-04	0.013	0.0259
2033-09-01	7	0.0027	0.0485	2.42	0.00438	42.8	0.0331	0.00521	2.41E-01	3.98	0.0046	0.00061	0.000413	0.00109	0.186	0.069	0.00105	2.41E-06	0.004	0.00455	0.00106	5.26E-04	0.0134	0.0267
2033-10-01	7	0.00271	0.0459	2.43	0.00422	43	0.0331	0.00524	0.23	3.97	0.00463	0.000612	0.000413	0.00109	0.174	0.0694	0.00105	2.40E-06	0.00403	0.00458	0.00104	0.000502	0.0135	0.0269
2033-11-01	7	0.00275	0.0388	2.48	0.00382	43.8	0.0333	0.00536	0.194	3.95	0.00472	0.000622	0.000414	0.00112	0.145	0.0708	0.00108	2.39E-06	0.00412	0.00468	0.000993	4.44E-04	0.0137	0.0275
2033-12-01	7	0.00281	0.0335	2.52	0.00353	44.6	0.0337	0.00548	0.166	3.95	0.00482	0.000634	0.000418	0.00114	0.125	0.0722	0.0011	2.40E-06	0.00422	0.00478	0.000965	0.000402	0.014	0.028
2034-01-01	8	0.00313	0.0346	2.81	0.00377	49.7	0.0375	0.00612	0.171	4.38	0.00538	0.000707	0.000464	0.00128	0.128	0.0805	0.00123	2.65E-06	0.00472	0.00534	0.00105	0.000426	0.0156	0.0313
2034-02-01	8	0.00313	0.0336	2.81	0.00371	49.7	0.0374	0.00612	0.166	4.36	0.00538	0.000707	0.000463	0.00128	0.124	0.0805	0.00123	2.65E-06	0.00472	0.00534	0.00105	0.000418	0.0156	0.0313
2034-03-01	8	0.00312	0.0321	2.81	0.00362	49.7	0.0373	0.00612	0.157	4.34	0.00538	0.000706	0.000462	0.00128	0.118	0.0804	0.00123	2.64E-06	0.00472	0.00534	0.00103	0.000405	0.0156	0.0313
2034-04-01	8	0.00311	0.0254	2.79	0.00321	49.5	0.0368	0.00611	0.122	4.24	0.00537	0.000703	0.000455	0.00128	0.092	0.0801	0.00123	2.58E-06	0.00472	0.00534	0.000979	0.000349	0.0155	0.0312
2034-05-01	8	0.00272	0.0417	2.45	0.00398	43.6	0.0331	0.00529	0.212	3.96	0.00469	0.000616	0.000412	0.00111	0.156	0.07	0.00106	2.38E-06	0.00407	0.00462	0.00101	0.000465	0.0136	0.0272
2034-06-01	8	0.00289	0.013	2.59	0.00236	46.3	0.0338	0.00572	5.89E-02	3.83	0.00503	0.000654	0.000417	0.00121	0.044	0.0747	0.00116	2.34E-06	0.00444	0.005	0.000829	2.37E-04	0.0145	0.0291
2034-07-01	8	0.00266	0.0526	2.37	0.00467	42.4	0.0327	0.0051	2.57E-01	3.94	0.00454	0.000601	0.000411	0.00108	0.207	0.0674	0.00103	2.41E-06	0.00393	0.00447	0.00109	5.69E-04	0.0132	0.0262
2034-08-01	8	0.00263	0.0559	2.35	0.00484	41.9	0.0325	0.00503	2.77E-01	3.95	0.00448	0.000594	0.000409	0.00106	0.218	0.0667	0.00101	2.40E-06	0.00387	0.00441	0.00111	5.92E-04	0.013	0.0259
2034-09-01	8	0.0027	0.048	2.41	0.00439	43.1	0.033	0.0052	2.38E-01	3.96	0.00462	0.00061	0.000413	0.0011	0.185	0.0688	0.00105	2.41E-06	0.00401	0.00456	0.00106	5.26E-04	0.0134	0.0267
2034-10-01	8	0.00271	0.0454	2.43	0.00423	43.3	0.0331	0.00524	0.227	3.96	0.00465	0.000612	0.000413	0.00111	0.174	0.0693	0.00105	2.40E-06	0.00403	0.00458	0.00104	0.000501	0.0135	0.0269
2034-11-01	8	0.00276	0.0384	2.47	0.00382	44.1	0.0333	0.00536	0.191	3.94	0.00474	0.000623	0.000414	0.00113	0.145	0.0706	0.00108	2.39E-06	0.00413	0.00468	0.000995	4.43E-04	0.0137	0.0275
2034-12-01	8	0.00281	0.0331	2.51	0.00354	44.9	0.0337	0.00548	0.164	3.95	0.00484	0.000634	0.000418	0.00116	0.124	0.072	0.0011	2.40E-06	0.00423	0.00479	0.000967	0.000402	0.014	0.028
2035-01-01	9	0.00313	0.0342	2.8	0.00378	50.1	0.0374	0.00611	0.168	4.37	0.0054	0.000707	0.000464	0.00129	0.128	0.0804	0.00123	2.65E-06	0.00473	0.00534	0.00106	0.000425	0.0156	0.0313
2035-02-01	9	0.00313	0.0333	2.8	0.00372	50	0.0374	0.00611	0.163	4.35	0.0054	0.000707	0.000463	0.00129	0.124	0.0803	0.00123	2.65E-06	0.00473	0.00534	0.00105	0.000417	0.0156	0.0313
2035-03-01	9	0.00312	0.0317	2.8	0.00362	50	0.0373	0.00611	0.155	4.33	0.0054	0.000706	0.000462	0.00129	0.118	0.0803	0.00123	2.64E-06	0.00473	0.00534	0.00104	0.000404	0.0156	0.0313
2035-04-01	9	0.00311	0.0251	2.78	0.00321	49.8	0.0368	0.0061	0.121	4.24	0.00539	0.000703	0.000455	0.00129	0.0918	0.08	0.00123	2.58E-06	0.00473	0.00534	0.00098	0.000348	0.0155	0.0312
2035-05-01	9	0.00272	0.0413	2.44	0.00399	43.8	0.0331	0.00529	0.209	3.95	0.0047	0.000615	0.000412	0.00112	0.156	0.0699	0.00106	2.38E-06	0.00408	0.00462	0.00101	0.000465	0.0136	0.0272
2035-06-01	9	0.00289	0.0129	2.59	0.00236	46.4	0.0338	0.00571	5.82E-02	3.83	0.00504	0.000654	0.000417	0.00122	0.044	0.0746	0.00116	2.34E-06	0.00444	0.005	0.000831	2.37E-04	0.0145	0.0291
2035-07-01	9	0.00295	0.00739	2.64	0.00206	47.4	0.0343	0.00585	2.89E-02	3.84	0.00516	0.000668	0.000422	0.00125	0.0223	0.0762	0.00119	2.35E-06	0.00456	0.00512	0.000803	1.94E-04	0.0148	0.0298
2035-08-01	9	0.00278	0.031	2.49	0.00342	44.7	0.0333	0.00543	1.52E-01	3.9	0.00482	0.000629	0.000414	0.00116	0.118	0.0713	0.00109	2.37E-06	0.0042	0.00475	0.000949	3.87E-04	0.0139	0.0278
2035-09-01	9	0.00282	0.0281	2.53	0.00326	45.4	0.0337	0.00553	1.38E-01	3.92	0.0049	0.000638	0.000418	0.00118	0.105	0.0725	0.00111	2.38E-06</						

TMF NW Pond

Date	Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2038-01-01	12	0.00304	0.0224	2.72	0.00306	49.2	0.0359	0.00597	0.11	4.18	0.0053	0.000686	0.000447	0.00128	0.0819	0.0781	0.0012	2.53E-06	0.00463	0.00522	0.000944	0.000324	0.0152	0.0305
2038-02-01	12	0.00304	0.0218	2.72	0.00302	49.2	0.0359	0.00597	0.107	4.17	0.0053	0.000686	0.000447	0.00128	0.0795	0.0782	0.0012	2.53E-06	0.00464	0.00522	0.00094	0.000319	0.0152	0.0305
2038-03-01	12	0.00304	0.0208	2.72	0.00296	49.2	0.0358	0.00598	0.101	4.16	0.00531	0.000687	0.000446	0.00129	0.0756	0.0782	0.00121	2.52E-06	0.00464	0.00523	0.000933	0.000311	0.0152	0.0306
2038-04-01	12	0.00304	0.0166	2.72	0.0027	49.2	0.0357	0.006	0.0787	4.1	0.00532	0.000688	0.000443	0.00129	0.0589	0.0783	0.00121	2.50E-06	0.00467	0.00525	0.0009	0.000275	0.0152	0.0306
2038-05-01	12	0.00267	0.037	2.39	0.0038	43.7	0.0324	0.00521	0.188	3.9	0.00466	0.000604	0.000409	0.00112	0.142	0.0685	0.00104	2.36E-06	0.00401	0.00454	0.000971	0.000434	0.0133	0.0267
2038-06-01	12	0.00288	0.0119	2.57	0.00232	46.6	0.0336	0.00568	5.34E-02	3.81	0.00504	0.00065	0.000416	0.00123	0.041	0.0741	0.00115	2.33E-06	0.00443	0.00497	0.000823	2.29E-04	0.0144	0.029
2038-07-01	12	0.00295	0.00692	2.63	0.00204	47.6	0.0341	0.00583	2.67E-02	3.83	0.00516	0.000666	0.000421	0.00126	0.0209	0.0759	0.00118	2.35E-06	0.00455	0.00511	0.000801	1.91E-04	0.0148	0.0297
2038-08-01	12	0.00276	0.03	2.46	0.00342	45	0.033	0.00539	1.47E-01	3.9	0.00481	0.000624	0.000416	0.00116	0.116	0.0706	0.00109	2.38E-06	0.00418	0.00472	0.000943	3.83E-04	0.0138	0.0276
2038-09-01	12	0.0028	0.0278	2.5	0.0033	45.6	0.0334	0.00547	1.37E-01	3.92	0.00488	0.000632	0.000419	0.00118	0.106	0.0717	0.0011	2.39E-06	0.00424	0.00478	0.000932	3.64E-04	0.014	0.028
2038-10-01	12	0.00276	0.0306	2.47	0.00346	45.1	0.0331	0.0054	0.153	3.92	0.00482	0.000624	0.000416	0.00116	0.117	0.0708	0.00109	2.38E-06	0.00418	0.00472	0.000944	0.000384	0.0138	0.0277
2038-11-01	12	0.00279	0.0269	2.49	0.00324	45.5	0.0333	0.00547	0.135	3.91	0.00488	0.000631	0.000417	0.00118	0.102	0.0717	0.0011	2.38E-06	0.00424	0.00478	0.000921	3.54E-04	0.014	0.028
2038-12-01	12	0.00283	0.0226	2.53	0.00298	46.1	0.0335	0.00556	0.111	3.91	0.00495	0.00064	0.000419	0.0012	0.0842	0.0728	0.00112	2.38E-06	0.00432	0.00486	0.000897	0.000318	0.0142	0.0284
2039-01-01	13	0.00302	0.0219	2.7	0.00305	49.1	0.0357	0.00594	0.107	4.14	0.00529	0.000683	0.000445	0.00128	0.0813	0.0777	0.0012	2.52E-06	0.00461	0.00519	0.00094	0.000322	0.0151	0.0304
2039-02-01	13	0.00302	0.0213	2.7	0.00301	49.1	0.0357	0.00594	0.104	4.13	0.00529	0.000683	0.000445	0.00128	0.0788	0.0777	0.0012	2.52E-06	0.00462	0.0052	0.000935	0.000317	0.0151	0.0304
2039-03-01	13	0.00302	0.0204	2.7	0.00295	49.2	0.0357	0.00595	0.0991	4.12	0.00529	0.000684	0.000444	0.00129	0.075	0.0778	0.0012	2.51E-06	0.00463	0.0052	0.000928	0.000309	0.0151	0.0304
2039-04-01	13	0.00303	0.0163	2.7	0.00269	49.2	0.0355	0.00597	0.0769	4.07	0.00531	0.000685	0.000441	0.00129	0.0584	0.078	0.00121	2.49E-06	0.00465	0.00523	0.000897	0.000274	0.0152	0.0305
2039-05-01	13	0.00267	0.0361	2.39	0.00378	43.8	0.0323	0.0052	0.183	3.9	0.00466	0.000602	0.000409	0.00112	0.14	0.0683	0.00104	2.36E-06	0.00401	0.00453	0.000966	0.000429	0.0133	0.0266
2039-06-01	13	0.00288	0.0116	2.56	0.00231	46.6	0.0335	0.00568	5.21E-02	3.81	0.00504	0.00065	0.000416	0.00123	0.0404	0.074	0.00115	2.35E-06	0.00443	0.00497	0.000822	2.28E-04	0.0144	0.029
2039-07-01	13	0.00294	0.0068	2.62	0.00204	47.7	0.0341	0.00582	2.61E-02	3.83	0.00517	0.000666	0.000421	0.00127	0.0206	0.0758	0.00118	2.35E-06	0.00455	0.00511	0.0008	1.90E-04	0.0148	0.0297
2039-08-01	13	0.00276	0.0296	2.46	0.00342	45	0.033	0.00539	1.44E-01	3.9	0.00481	0.000623	0.000416	0.00116	0.116	0.0705	0.00108	2.38E-06	0.00418	0.00471	0.00094	3.81E-04	0.0138	0.0275
2039-09-01	13	0.00279	0.0274	2.5	0.0033	45.6	0.0333	0.00547	1.35E-01	3.93	0.00488	0.000631	0.000419	0.00118	0.106	0.0716	0.0011	2.39E-06	0.00424	0.00478	0.00093	3.62E-04	0.014	0.028
2039-10-01	13	0.00276	0.0299	2.47	0.00345	45.2	0.0331	0.0054	0.15	3.93	0.00483	0.000624	0.000417	0.00116	0.116	0.0707	0.00108	2.38E-06	0.00418	0.00471	0.000941	0.000382	0.0138	0.0276
2039-11-01	13	0.00279	0.0265	2.49	0.00324	45.6	0.0332	0.00547	0.133	3.92	0.00488	0.00063	0.000417	0.00118	0.101	0.0715	0.0011	2.38E-06	0.00423	0.00477	0.000919	3.52E-04	0.0139	0.0279
2039-12-01	13	0.00284	0.0225	2.54	0.00301	46.4	0.0337	0.00559	0.111	3.93	0.00498	0.000643	0.000422	0.00121	0.0847	0.0731	0.00113	2.39E-06	0.00434	0.00488	0.000902	0.00032	0.0142	0.0286
2040-01-01	14	0.00297	0.0214	2.65	0.00301	48.4	0.0351	0.00584	0.105	4.08	0.0052	0.000671	0.000438	0.00126	0.08	0.0763	0.00118	2.48E-06	0.00454	0.00511	0.000924	0.000316	0.0149	0.0298
2040-02-01	14	0.00297	0.0208	2.66	0.00297	48.4	0.0351	0.00585	0.101	4.07	0.00521	0.000672	0.000438	0.00127	0.0776	0.0764	0.00118	2.48E-06	0.00454	0.00511	0.00092	0.000311	0.0149	0.0299
2040-03-01	14	0.00298	0.0199	2.66	0.00291	48.5	0.0351	0.00586	0.0964	4.07	0.00522	0.000673	0.000438	0.00127	0.0738	0.0766	0.00118	2.48E-06	0.00456	0.00512	0.000914	0.000304	0.0149	0.0299
2040-04-01	14	0.00299	0.0159	2.67	0.00266	48.7	0.0351	0.00591	0.0748	4.03	0.00525	0.000677	0.000437	0.00128	0.0575	0.077	0.00119	2.46E-06	0.0046	0.00517	0.000886	0.00027	0.015	0.0301
2040-05-01	14	0.0026	0.0334	2.35	0.00361	43.1	0.0314	0.00509	0.173	3.93	0.00455	0.000587	0.000409	0.00109	0.13	0.0667	0.00102	2.35E-06	0.00391	0.00442	0.000926	0.000403	0.013	0.026
2040-06-01	14	0.00285	0.0111	2.55	0.00228	46.4	0.0333	0.00564	5.07E-02	3.82	0.005	0.000645	0.000416	0.00122	0.0386	0.0735	0.00114	2.33E-06	0.00439	0.00493	0.000812	2.23E-04	0.0143	0.0288
2040-07-01	14	0.00293	0.00661	2.62	0.00203	47.5	0.034	0.00581	2.57E-02	3.84	0.00514	0.000663	0.000421	0.00126	0.02	0.0756	0.00118	2.35E-06	0.00454	0.00509	0.000796	1.88E-04	0.0147	0.0296
2040-08-01	14	0.00272	0.0281	2.45	0.00333	44.8	0.0325	0.00533	1.40E-01	3.97	0.00475	0.000615	0.00042	0.00114	0.11	0.0697	0.00107	2.40E-06	0.00412	0.00465	0.000918	3.67E-04	0.0136	0.0272
2040-09-01	14	0.00274	0.0268	2.47	0.00327	45.2	0.0328	0.00539	1.35E-01	3.99	0.0048	0.00062	0.000422	0.00116	0.104	0.0704	0.00108	2.40E-06	0.00416	0.00469	0.000912	3.55E-04	0.0137	0.0275
2040-10-01	14	0.0027	0.029	2.44	0.00339	44.7	0.0324	0.00531	0.149	3.99	0.00473	0.00061	0.000419	0.00114	0.112	0.0694	0.00106	2.39E-06	0.00408	0.00461	0.000918	0.000371	0.0135	0.0271
2040-11-01	14	0.00272	0.0266	2.46	0.00325	45	0.0326	0.00536	0.137	3.97	0.00478	0.000615	0.000418	0.00115	0.102	0.07	0.00107	2.38E-06	0.00413	0.00465	0.000903	0.00035	0.0136	0.0273
2040-12-01	14	0.00278	0.0228	2.5	0.00303	45.8	0.0331	0.00548	0.116	3.97	0.00488	0.000628	0.000421	0.00118	0.0863	0.0716	0.0011	2.39E-06	0.00423	0.00477	0.000887	3.20E-04	0.0139	0.028
2041-01-01	15	0.00297	0.0224	2.68	0.00311	48.9	0.0353	0.00587	0.113	4.21	0.00522	0.000672	0.000448	0.00126	0.0843	0.0766	0.00118	2.54E-06	0.00454	0.00511	0.000934	0.000326	0.0149	0.0299
2041-02-01	15	0.00298	0.0218	2.68	0.00307	48.9	0.0353	0.00588	0.11	4.2	0.00523	0.000673	0.000448	0.00126	0.0818	0.0767	0.00118	2.54E-06	0.00455	0.00512	0.000929	0.000321	0.0149	0.03
2041-03-01	15	0.00298	0.0208	2.68	0.00301	48.9	0.0353	0.00589	0.104	4.19	0.00524	0.000674	0.000447	0.00127	0.0778	0.0768	0.00118	2.53E-06	0.00456	0.00513	0.000923	0.000312	0.0149	0.03
2041-04-01	15	0.003	0.0166	2.69	0.00273	49	0.0353	0.00592	0.0811	4.13	0.00526	0.000678	0.000444	0.00128	0.0606	0.0772	0.00119	2.50E-06	0.0046	0.00517	0.000893	0.000277	0.015	0.0302
2041-05-01	15	0.00243	0.0438	2.32	0.00447	44.1	0.0314	0.00508	0.325	4.43	0.00459	0.000548	0.000394	0.00101	0.148	0.0676	0.000943	2.27E-06	0.00363	0.00411	0.000919	0.000433	0.0125	0.0259
2041-06-01	15	0.00279	0.0156	2.54	0.00263	46.7	0.0332	0.00562	0.106	4	0.00501	0.000631	0.000411	0.001										

TMF NW Pond

Date	Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2043-10-01	17	0.00257	0.0255	2.46	0.00322	46	0.0321	0.0054	0.237	4.43	0.00483	0.00058	0.000409	0.00108	0.0691	0.0721	0.00102	2.31E-06	0.00391	0.00441	0.000797	0.000273	0.0132	0.0276
2043-11-01	17	2.49E-03	2.89E-02	2.43	3.43E-03	45.6	3.17E-02	5.32E-03	2.78E-01	4.53	4.77E-03	5.63E-04	4.04E-04	1.05E-03	7.67E-02	7.15E-02	9.86E-04	2.29E-06	3.79E-03	4.28E-03	7.93E-04	2.86E-04	1.29E-02	2.73E-02
2043-12-01	17	2.53E-03	2.69E-02	2.45E+00	3.32E-03	4.59E+01	3.20E-02	5.39E-03	2.63E-01	4.49E+00	4.82E-03	5.72E-04	4.05E-04	1.06E-03	6.99E-02	7.22E-02	1.00E-03	2.29E-06	3.86E-03	4.35E-03	7.90E-04	2.73E-04	1.31E-02	2.76E-02
2044-01-01	18	2.60E-03	2.63E-02	2.51E+00	3.30E-03	4.69E+01	3.27E-02	5.52E-03	2.56E-01	4.55E+00	4.93E-03	5.88E-04	4.13E-04	1.10E-03	6.79E-02	7.39E-02	1.03E-03	2.34E-06	3.97E-03	4.47E-03	8.04E-04	2.73E-04	1.34E-02	2.83E-02
2044-02-01	18	0.00266	0.0266	2.56	0.00336	47.9	0.0334	0.00563	0.259	4.63	0.00504	0.000601	0.000422	0.00112	0.0687	0.0754	0.00105	2.39E-06	0.00406	0.00457	0.00082	0.000277	0.0137	0.0289
2044-03-01	18	0.00265	0.0265	2.56	0.00335	47.8	0.0333	0.00562	0.258	4.63	0.00503	0.0006	0.000421	0.00112	0.0686	0.0753	0.00105	2.38E-06	0.00405	0.00456	0.000819	0.000277	0.0137	0.0288
2044-04-01	18	0.00263	0.0263	2.53	0.00332	47.3	0.033	0.00557	0.256	4.58	0.00498	0.000593	0.000417	0.00111	0.0679	0.0745	0.00104	2.36E-06	0.00401	0.00452	0.00081	0.000274	0.0135	0.0285
2044-05-01	18	0.00144	0.0731	1.79	0.00593	36.5	0.0238	0.0037	0.696	5.24	0.00345	0.000325	0.000349	0.000565	0.213	0.0539	0.000532	2.07E-06	0.00204	0.00235	0.000793	0.000521	0.00812	0.0194
2044-06-01	18	0.00124	0.063	1.54	0.00511	31.5	0.0206	0.00319	0.601	4.52	0.00297	2.80E-04	0.000301	0.000488	0.184	0.0465	0.000459	1.78E-06	0.00176	0.00203	0.000684	4.49E-04	0.007	0.0167
2044-07-01	18	0.00112	0.0567	1.39	0.0046	28.3	0.0185	0.00287	0.54	4.07	0.00267	2.52E-04	0.000271	0.000439	0.165	0.0419	4.13E-04	1.60E-06	0.00158	1.83E-03	6.15E-04	4.04E-04	0.0063	0.0151
2044-08-01	18	1.04E-03	0.0525	1.28	0.00426	26.2	0.0171	0.00266	0.5	3.77	0.00247	2.33E-04	0.000251	0.000406	0.153	0.0387	3.82E-04	1.48E-06	0.00146	1.69E-03	5.69E-04	3.74E-04	0.00583	0.0139
2044-09-01	18	7.65E-04	0.083	1.28	6.25E-03	28.2	1.75E-02	2.59E-03	0.836	4.95	2.50E-03	1.72E-04	2.67E-04	2.71E-04	0.232	0.0411	2.54E-04	1.62E-06	9.68E-04	1.16E-03	6.57E-04	5.28E-04	0.00496	0.0139
2044-10-01	18	0.00054	0.1	1.2	0.00732	27.6	0.0166	0.00233	1	5.46	0.00232	1.21E-04	0.000271	0.000162	0.284	0.0393	0.000151	1.67E-06	0.00057	0.00073	0.000701	0.000626	0.00403	0.0128
2044-11-01	18	4.34E-04	1.08E-01	1.19	7.79E-03	28	1.65E-02	2.32E-03	1.11E+00	5.76	2.33E-03	9.63E-05	2.64E-04	1.14E-04	2.95E-01	4.04E-02	1.06E-04	1.64E-06	3.93E-04	5.36E-04	6.97E-04	6.45E-04	3.70E-03	1.28E-02
2044-12-01	18	4.06E-04	1.06E-01	1.17E+00	7.70E-03	2.78E+01	1.63E-02	2.32E-03	1.12E+00	5.72E+00	2.34E-03	9.01E-05	2.53E-04	1.04E-04	2.86E-01	4.06E-02	9.68E-05	1.58E-06	3.59E-04	4.95E-04	6.70E-04	6.23E-04	3.61E-03	1.28E-02
2045-01-01	19	4.02E-04	1.06E-01	1.16E+00	7.64E-03	2.75E+01	1.62E-02	2.30E-03	1.11E+00	5.68E+00	2.32E-03	8.94E-05	2.51E-04	1.03E-04	2.83E-01	4.03E-02	9.60E-05	1.56E-06	3.56E-04	4.91E-04	6.65E-04	6.18E-04	3.58E-03	1.27E-02
2045-02-01	19	0.000402	0.105	1.16	0.00763	27.5	0.0162	0.0023	1.11	5.67	0.00231	8.93E-05	0.000251	0.000103	0.283	0.0402	9.59E-05	1.56E-06	0.000356	0.00049	0.000664	0.000617	0.00358	0.0127
2045-03-01	19	0.000401	0.105	1.16	0.00762	27.5	0.0161	0.00229	1.11	5.66	0.00231	8.91E-05	0.00025	0.000103	0.282	0.0402	9.58E-05	1.56E-06	0.000355	0.000489	0.000663	0.000616	0.00357	0.0127
2045-04-01	19	0.000397	0.104	1.15	0.00754	27.2	0.016	0.00227	1.1	5.6	0.00229	8.82E-05	0.000248	1.02E-04	0.28	0.0397	9.48E-05	1.54E-06	0.000352	0.000484	0.000656	0.00061	0.00354	0.0126
2045-05-01	19	0.000329	0.113	1.1	0.00797	26.1	0.0153	0.00205	1.13	5.74	0.0021	7.25E-05	0.000265	6.35E-05	0.318	0.0371	5.82E-05	1.66E-06	0.000209	0.000337	0.000715	0.000688	0.00312	0.0115
2045-06-01	19	0.000284	0.0972	0.946	0.00688	22.5	0.0132	0.00177	0.976	4.95	0.00181	6.26E-05	0.000228	5.48E-05	0.275	0.032	5.02E-05	1.43E-06	0.00018	0.000291	0.000617	5.94E-04	0.00269	0.00995
2045-07-01	19	0.000255	0.0874	0.851	0.00619	20.3	0.0119	0.00159	0.878	4.45	0.00163	5.63E-05	0.000205	4.92E-05	0.247	0.0288	4.51E-05	1.29E-06	0.000162	2.61E-04	5.55E-04	5.34E-04	0.00242	0.00895
2045-08-01	19	2.36E-04	0.0809	0.787	0.00572	18.7	0.011	0.00147	0.812	4.12	0.00151	5.21E-05	0.00019	4.56E-05	0.228	0.0267	4.18E-05	1.19E-06	0.00015	2.42E-04	5.13E-04	4.94E-04	0.00224	0.00828
2045-09-01	19	2.51E-04	0.102	0.97	7.17E-03	23.2	1.36E-02	1.83E-03	1.05	5.18	1.88E-03	5.50E-05	2.29E-04	3.88E-05	0.282	0.034	3.51E-05	1.44E-06	1.22E-04	2.27E-04	6.23E-04	6.08E-04	0.00265	0.0104
2045-10-01	19	0.000252	0.112	1.03	0.00777	24.5	0.0144	0.00191	1.14	5.57	0.00197	5.52E-05	0.000249	3.23E-05	0.312	0.0359	2.89E-05	1.57E-06	9.63E-05	0.000209	0.000682	0.00067	0.00274	0.0109
2045-11-01	19	2.45E-04	1.16E-01	1.07	8.03E-03	25.6	1.51E-02	2.04E-03	1.21E+00	5.81	2.11E-03	5.36E-05	2.49E-04	2.88E-05	3.14E-01	3.86E-02	2.55E-05	1.57E-06	8.32E-05	1.95E-04	6.84E-04	6.74E-04	2.85E-03	1.17E-02
2045-12-01	19	2.35E-04	1.14E-01	1.07E+00	7.90E-03	2.56E+01	1.50E-02	2.06E-03	1.22E+00	5.77E+00	2.13E-03	5.14E-05	2.40E-04	2.73E-05	3.02E-01	3.92E-02	2.42E-05	1.51E-06	7.86E-05	1.86E-04	6.59E-04	6.49E-04	2.85E-03	1.18E-02
2046-01-01	20	2.33E-04	1.13E-01	1.06E+00	7.84E-03	2.54E+01	1.49E-02	2.05E-03	1.21E+00	5.72E+00	2.11E-03	5.10E-05	2.38E-04	2.71E-05	3.00E-01	3.88E-02	2.40E-05	1.50E-06	7.80E-05	1.84E-04	6.53E-04	6.44E-04	2.82E-03	1.17E-02
2046-02-01	20	0.000233	0.113	1.06	0.00783	25.3	0.0149	0.00205	1.21	5.71	0.00211	5.09E-05	0.000238	2.70E-05	0.299	0.0388	2.39E-05	1.50E-06	7.79E-05	0.000184	0.000653	0.000643	0.00282	0.0117
2046-03-01	20	0.000233	0.113	1.06	0.00782	25.3	0.0149	0.00204	1.2	5.7	0.00211	5.08E-05	0.000238	2.70E-05	0.299	0.0387	2.39E-05	1.50E-06	7.78E-05	0.000184	0.000652	0.000642	0.00281	0.0117
2046-04-01	20	0.00023	0.111	1.05	0.00774	25	0.0147	0.00202	1.19	5.64	0.00208	5.03E-05	0.000235	2.67E-05	0.296	0.0383	2.37E-05	1.48E-06	7.70E-05	0.000182	0.000645	0.000636	0.00279	0.0116
2046-05-01	20	0.000245	0.117	1.05	0.00802	24.8	0.0147	0.00193	1.19	5.73	0.002	5.36E-05	0.000258	2.57E-05	0.327	0.037	2.26E-05	1.63E-06	7.12E-05	0.000185	0.00071	0.000702	0.00275	0.0112
2046-06-01	20	0.000212	0.101	0.903	0.00692	21.4	0.0127	0.00166	1.03	4.94	0.00172	4.62E-05	0.000223	2.22E-05	0.282	0.0319	1.95E-05	1.41E-06	6.15E-05	0.00016	0.000612	6.05E-04	0.00237	0.00964
2046-07-01	20	0.00019	0.0908	0.812	0.00622	19.2	0.0114	0.0015	0.925	4.45	0.00155	4.16E-05	0.0002	2.00E-05	0.253	0.0287	1.75E-05	1.26E-06	5.53E-05	1.44E-04	5.51E-04	5.44E-04	0.00213	0.00867
2046-08-01	20	1.76E-04	0.084	0.751	0.00575	17.8	0.0106	0.00138	0.856	4.11	0.00144	3.85E-05	0.000185	1.85E-05	0.234	0.0266	1.62E-05	1.17E-06	5.11E-05	1.33E-04	5.10E-04	5.04E-04	0.00197	0.00802
2046-09-01	20	2.11E-04	0.105	0.945	7.12E-03	22.2	1.33E-02	1.77E-03	1.09	5.13	1.83E-03	4.61E-05	2.25E-04	2.12E-05	0.285	0.0344	1.85E-05	1.42E-06	5.75E-05	1.57E-04	6.20E-04	6.13E-04	0.00248	0.0103
2046-10-01	20	0.00023	0.114	1.01	0.00769	23.7	0.0142	0.00188	1.18	5.52	0.00194	5.03E-05	0.000247	2.25E-05	0.313	0.0367	1.96E-05	1.56E-06	6.04E-05	0.000169	0.00068	0.000673	0.00264	0.011
2046-11-01	20	2.31E-04	1.18E-01	1.07	7.93E-03	24.9	1.50E-02	2.02E-03	1.25E+00	5.75	2.09E-03	5.03E-05	2.48E-04	2.23E-05	3.15E-01	3.97E-02	1.94E-05	1.57E-06	5.96E-05	1.69E-04	6.83E-04	6.76E-04	2.79E-03	1.18E-02
2046-12-01	20	2.22E-04	1.16E-01	1.06E+00	7.80E-03	2.49E+01	1.49E-02	2.05E-03	1.25E+00	5.70E+00	2.11E-03	4.85E-05	2.39E-04	2.15E-05	3.03E-01	4.03E-02	1.87E-05	1.51E-06	5.73E-05	1.62E-04	6.58E-04	6.51E-04	2.79E-03	1.20E-02
2047-01-01	21	2.20E-04	1.15E-01	1.05E+00	7.73E-03	2.47E+01	1.48E-02	2.03E-03	1.24E+00	5.65E+00	2.10E-03	4.81E-05	2.37E-04	2.13E-05	3.01E-01	4.00E-02	1.85E-05	1.50E-06	5.68E-05	1.61E-04				

TMF NW Pond

Date	Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2049-07-01	23	0.000185	0.0946	0.806	0.00595	17.9	0.0114	0.00149	0.999	4.28	0.00155	4.04E-05	0.0002	1.76E-05	0.254	0.0316	1.53E-05	1.26E-06	4.65E-05	1.34E-04	5.51E-04	5.45E-04	0.00211	0.00923
2049-08-01	23	1.71E-04	0.0875	0.746	0.0055	16.6	0.0105	0.00138	0.925	3.96	0.00143	3.74E-05	0.000185	1.63E-05	0.235	0.0292	1.41E-05	1.17E-06	4.30E-05	1.24E-04	5.10E-04	5.05E-04	0.00195	0.00854
2049-09-01	23	2.07E-04	0.109	0.936	6.76E-03	20.7	1.32E-02	1.76E-03	1.18	4.91	1.83E-03	4.52E-05	2.24E-04	1.97E-05	0.284	0.0377	1.71E-05	1.41E-06	5.21E-05	1.51E-04	6.17E-04	6.11E-04	0.00246	0.011
2049-10-01	23	0.000228	0.118	1.01	0.00731	22.1	0.0142	0.00187	1.26	5.29	0.00194	4.97E-05	0.000247	2.17E-05	0.313	0.0403	1.88E-05	1.56E-06	5.73E-05	0.000166	0.000679	0.000672	0.00263	0.0117
2049-11-01	23	2.29E-04	1.22E-01	1.06	7.53E-03	23.2	1.49E-02	2.01E-03	1.35E+00	5.51	2.08E-03	5.00E-05	2.48E-04	2.18E-05	3.15E-01	4.36E-02	1.89E-05	1.56E-06	5.76E-05	1.67E-04	6.82E-04	6.75E-04	2.78E-03	1.26E-02
2049-12-01	23	2.21E-04	1.21E-01	1.06E+00	7.39E-03	2.31E+01	1.49E-02	2.04E-03	1.35E+00	5.46E+00	2.11E-03	4.81E-05	2.39E-04	2.10E-05	3.03E-01	4.42E-02	1.82E-05	1.51E-06	5.55E-05	1.60E-04	6.57E-04	6.50E-04	2.78E-03	1.28E-02
2050-01-01	24	2.19E-04	1.20E-01	1.05E+00	7.33E-03	2.29E+01	1.48E-02	2.03E-03	1.34E+00	5.41E+00	2.09E-03	4.77E-05	2.37E-04	2.08E-05	3.00E-01	4.39E-02	1.81E-05	1.49E-06	5.50E-05	1.59E-04	6.51E-04	6.45E-04	2.76E-03	1.27E-02
2050-02-01	24	0.000219	0.119	1.05	0.00732	22.9	0.0148	0.00202	1.34	5.41	0.00209	4.77E-05	0.000236	2.08E-05	0.3	0.0438	1.80E-05	1.49E-06	5.50E-05	0.000159	0.000651	0.000644	0.00275	0.0127
2050-03-01	24	0.000218	0.119	1.05	0.00731	22.8	0.0147	0.00202	1.34	5.4	0.00209	4.76E-05	0.000236	2.07E-05	0.3	0.0437	1.80E-05	1.49E-06	5.49E-05	0.000159	0.00065	0.000643	0.00275	0.0127
2050-04-01	24	0.000216	0.118	1.03	0.00723	22.6	0.0146	0.002	1.32	5.34	0.00207	4.71E-05	0.000234	2.05E-05	0.296	0.0433	1.78E-05	1.47E-06	5.43E-05	0.000157	0.000643	0.000637	0.00272	0.0125
2050-05-01	24	0.000238	0.123	1.04	0.00753	22.5	0.0146	0.00192	1.32	5.43	0.00199	5.19E-05	0.000258	2.26E-05	0.327	0.0419	1.97E-05	1.63E-06	5.99E-05	0.000173	0.000709	0.000702	0.00271	0.0121
2050-06-01	24	0.000205	0.106	0.894	0.00649	19.4	0.0126	0.00165	1.14	4.69	0.00172	4.48E-05	0.000222	1.95E-05	0.282	0.0361	1.70E-05	1.40E-06	5.16E-05	0.000149	0.000611	6.05E-04	0.00234	0.0105
2050-07-01	24	0.000185	0.0956	0.804	0.00584	17.5	0.0114	0.00149	1.02	4.22	0.00154	4.03E-05	0.0002	1.76E-05	0.254	0.0325	1.52E-05	1.26E-06	4.64E-05	1.34E-04	5.50E-04	5.44E-04	0.0021	0.00941
2050-08-01	24	1.71E-04	0.0884	0.744	0.0054	16.2	0.0105	0.00138	0.945	3.9	0.00143	3.73E-05	0.000185	1.62E-05	0.235	0.0301	1.41E-05	1.17E-06	4.30E-05	1.24E-04	5.09E-04	5.04E-04	0.00195	0.00871
2050-09-01	24	2.07E-04	0.11	0.936	6.65E-03	20.1	1.32E-02	1.76E-03	1.2	4.85	1.83E-03	4.52E-05	2.24E-04	1.97E-05	0.285	0.0389	1.71E-05	1.42E-06	5.21E-05	1.51E-04	6.17E-04	6.11E-04	0.00245	0.0112
2050-10-01	24	0.000228	0.12	1	0.00719	21.5	0.0142	0.00187	1.29	5.22	0.00194	4.97E-05	0.000247	2.17E-05	0.313	0.0415	1.88E-05	1.56E-06	5.73E-05	0.000166	0.000679	0.000672	0.00263	0.012
2050-11-01	24	2.29E-04	1.24E-01	1.06	7.40E-03	22.6	1.49E-02	2.01E-03	1.38E+00	5.43	2.08E-03	5.00E-05	2.48E-04	2.18E-05	3.15E-01	4.49E-02	1.89E-05	1.56E-06	5.76E-05	1.67E-04	6.82E-04	6.75E-04	2.78E-03	1.29E-02
2050-12-01	24	2.21E-04	1.22E-01	1.06E+00	7.26E-03	2.25E+01	1.49E-02	2.04E-03	1.38E+00	5.38E+00	2.11E-03	4.81E-05	2.39E-04	2.10E-05	3.03E-01	4.55E-02	1.82E-05	1.51E-06	5.55E-05	1.60E-04	6.57E-04	6.50E-04	2.78E-03	1.31E-02
2051-01-01	25	2.19E-04	1.21E-01	1.05E+00	7.20E-03	2.23E+01	1.48E-02	2.03E-03	1.37E+00	5.34E+00	2.09E-03	4.77E-05	2.37E-04	2.08E-05	3.00E-01	4.52E-02	1.81E-05	1.49E-06	5.50E-05	1.59E-04	6.51E-04	6.45E-04	2.76E-03	1.30E-02
2051-02-01	25	0.000219	0.121	1.05	0.00719	22.3	0.0148	0.00202	1.37	5.33	0.00209	4.77E-05	0.000236	2.08E-05	0.3	0.0451	1.80E-05	1.49E-06	5.50E-05	0.000159	0.000651	0.000644	0.00275	0.0129
2051-03-01	25	0.000218	0.121	1.04	0.00718	22.2	0.0147	0.00202	1.37	5.32	0.00209	4.76E-05	0.000236	2.07E-05	0.3	0.045	1.80E-05	1.49E-06	5.49E-05	0.000159	0.00065	0.000643	0.00275	0.0129
2051-04-01	25	0.000216	0.12	1.03	0.0071	22	0.0146	0.002	1.35	5.27	0.00206	4.71E-05	0.000234	2.05E-05	0.296	0.0446	1.78E-05	1.47E-06	5.43E-05	0.000157	0.000643	0.000637	0.00272	0.0128
2051-05-01	25	0.000238	0.125	1.04	0.0074	22	0.0146	0.00192	1.35	5.36	0.00199	5.19E-05	0.000258	2.26E-05	0.327	0.0431	1.96E-05	1.63E-06	5.98E-05	0.000173	0.000709	0.000702	0.00271	0.0124
2051-06-01	25	0.000205	0.108	0.893	0.00639	19	0.0126	0.00165	1.16	4.62	0.00172	4.48E-05	0.000222	1.95E-05	0.282	0.0372	1.70E-05	1.40E-06	5.16E-05	0.000149	0.000611	6.05E-04	0.00234	0.0107
2051-07-01	25	0.000185	0.0967	0.803	0.00574	17	0.0114	0.00149	1.04	4.15	0.00154	4.03E-05	0.0002	1.76E-05	0.254	0.0334	1.52E-05	1.26E-06	4.64E-05	1.34E-04	5.50E-04	5.44E-04	0.0021	0.0096
2051-08-01	25	1.71E-04	0.0895	0.743	0.00531	15.8	0.0105	0.00138	0.966	3.84	0.00143	3.73E-05	0.000185	1.62E-05	0.235	0.0309	1.41E-05	1.17E-06	4.29E-05	1.24E-04	5.09E-04	5.04E-04	0.00195	0.00888
2051-09-01	25	2.08E-04	0.112	0.938	6.56E-03	19.7	1.33E-02	1.77E-03	1.24	4.8	1.83E-03	4.55E-05	2.25E-04	1.98E-05	0.286	0.0401	1.72E-05	1.42E-06	5.23E-05	1.51E-04	6.20E-04	6.14E-04	0.00246	0.0115
2051-10-01	25	0.000229	0.121	1	0.00708	21	0.0142	0.00187	1.33	5.15	0.00194	4.99E-05	0.000247	2.17E-05	0.314	0.0428	1.89E-05	1.56E-06	5.74E-05	0.000166	0.00068	0.000674	0.00264	0.0122
2051-11-01	25	2.30E-04	1.26E-01	1.06	7.28E-03	22	1.50E-02	2.02E-03	1.41E+00	5.36	2.09E-03	5.01E-05	2.48E-04	2.18E-05	3.15E-01	4.62E-02	1.89E-05	1.57E-06	5.77E-05	1.67E-04	6.83E-04	6.77E-04	2.78E-03	1.32E-02
2051-12-01	25	2.21E-04	1.24E-01	1.05E+00	7.13E-03	2.19E+01	1.49E-02	2.04E-03	1.42E+00	5.31E+00	2.11E-03	4.82E-05	2.39E-04	2.10E-05	3.03E-01	4.69E-02	1.82E-05	1.51E-06	5.55E-05	1.61E-04	6.58E-04	6.51E-04	2.78E-03	1.33E-02
2052-01-01	26	2.19E-04	1.23E-01	1.05E+00	7.08E-03	2.17E+01	1.48E-02	2.03E-03	1.41E+00	5.26E+00	2.09E-03	4.78E-05	2.37E-04	2.08E-05	3.01E-01	4.65E-02	1.81E-05	1.50E-06	5.51E-05	1.59E-04	6.52E-04	6.46E-04	2.76E-03	1.32E-02
2052-02-01	26	0.000219	0.123	1.04	0.00707	21.7	0.0148	0.00202	1.4	5.26	0.00209	4.78E-05	0.000237	2.08E-05	0.3	0.0465	1.81E-05	1.49E-06	5.50E-05	0.000159	0.000652	0.000645	0.00276	0.0132
2052-03-01	26	0.000219	0.123	1.04	0.00706	21.7	0.0148	0.00202	1.4	5.25	0.00209	4.77E-05	0.000236	2.08E-05	0.3	0.0464	1.80E-05	1.49E-06	5.49E-05	0.000159	0.000651	0.000644	0.00275	0.0132
2052-04-01	26	0.000216	0.121	1.03	0.00698	21.4	0.0146	0.002	1.39	5.19	0.00207	4.72E-05	0.000234	2.06E-05	0.297	0.0459	1.78E-05	1.48E-06	5.43E-05	0.000157	0.000644	0.000638	0.00272	0.0131
2052-05-01	26	0.000238	0.126	1.03	0.00728	21.4	0.0147	0.00192	1.38	5.28	0.00199	5.20E-05	0.000258	2.26E-05	0.327	0.0444	1.97E-05	1.63E-06	5.98E-05	0.000173	0.000709	0.000702	0.00271	0.0126
2052-06-01	26	0.000206	0.109	0.892	0.00628	18.5	0.0126	0.00165	1.19	4.56	0.00172	4.49E-05	0.000222	1.95E-05	0.282	0.0383	1.70E-05	1.40E-06	5.16E-05	0.000149	0.000612	6.06E-04	0.00234	0.0109
2052-07-01	26	0.000185	0.0979	0.802	0.00565	16.6	0.0114	0.00149	1.07	4.1	0.00154	4.03E-05	0.0002	1.76E-05	0.254	0.0344	1.52E-05	1.26E-06	4.64E-05	1.34E-04	5.50E-04	5.45E-04	0.00211	0.0098
2052-08-01	26	1.71E-04	0.0906	0.742	0.00523	15.4	0.0105	0.00138	0.989	3.79	0.00143	3.73E-05	0.000185	1.63E-05	0.235	0.0318	1.41E-05	1.17E-06	4.29E-05	1.24E-04	5.09E-04	5.04E-04	0.00195	0.00907
2052-09-01	26	2.10E-04	0.114	0.943	6.49E-03	19.3	1.34E-02	1.78E-03	1.27	4.76	1.84E-03	4.58E-05	2.27E-04	2.00E-05	0.288	0.0415	1.73E-05	1.43E-06	5.27E-05	1.53E-04	6.25E-04	6.19E-04	0.00248	0.0118
2052-10-01	26	0.00023	0.123	1.01	0.00699	20.6	0.0143	0.00188	1.36	5.1	0.00195	5.01E-05	0.000248	2.18E-05	0.315	0.0441	1.89E-05	1.57E-06	5.76E-05	0.000167	0.000683	0.000677	0.00265	0.0125
2																								

TMF NE Pond																						
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L
TMF NE Pond Statistics (Year 1 to Year 18)																						
Minimum		3.29	0.174	0.0863	0.00243	0.208	0.0135	0.000709	0.0000926	0.000000124	0.000627	5.91E-09	0.000251	0.000262	8.27E-08	0.00219	0.000000142	0.549	0.000000793	0.0000127	0.00000348	0.00011
P10		92	5.553	2.2	0.0682	5.703	0.444	0.0249	0.00255	0.000005046	0.02446	1.933E-07	0.00584	0.007669	0.000002706	0.0602	0.000007944	14.5	0.00002203	0.0003876	0.0001353	0.00272
Median		105	6.38	2.46	0.0786	6.34	0.491	0.1065	0.00315	0.0000092	0.0268	0.0000403	0.00697	0.008475	0.00627	0.0733	0.0000706	17.9	0.0000266	0.0004185	0.0002085	0.00327
P90		116	6.987	2.93	0.08778	7.23	0.619	0.1237	0.004047	0.000009753	0.0332	0.00004738	0.00854	0.00947	0.008234	0.09382	0.00008364	19.8	0.0000291	0.0004477	0.000404	0.00379
Maximum		130	7.2	3.33	0.094	8.09	0.636	0.127	0.00418	0.00000994	0.0337	0.0000485	0.00969	0.00996	0.0102	0.0967	0.0000987	21.3	0.0000308	0.0005	0.000432	0.00424
Monthly Results																						
2027-02-01	1	3.29	0.17	0.0863	0.00243	0.208	0.0136	0.00307	9.26E-05	2.42E-07	0.000627	1.18E-06	0.000251	0.000262	0.000263	0.00219	2.55E-06	0.549	7.93E-07	1.27E-05	3.48E-06	0.00011
2027-03-01	1	8.51	0.45	0.223	0.00628	0.539	0.035	0.00794	0.000239	6.27E-07	0.00162	3.06E-06	0.000648	0.000676	0.000679	0.00565	6.59E-06	1.42	2.05E-06	3.28E-05	9.00E-06	0.000283
2027-04-01	1	31.3	1.65	0.82	0.0231	1.98	0.129	0.0292	0.00088	2.30E-06	0.00596	1.12E-05	0.00238	0.00249	0.0025	0.0208	2.42E-05	5.21	7.54E-06	0.000121	3.31E-05	0.00104
2027-05-01	1	73.2	4.90	1.9	0.0547	4.99	0.351	0.0782	0.00207	7.37E-06	0.0274	2.95E-05	0.00562	0.00696	0.00576	0.0491	6.12E-05	14	2.27E-05	0.00032	0.000355	0.00267
2027-06-01	1	112	6.15	2.93	0.0828	7.18	0.473	0.107	0.00315	8.70E-06	0.0244	4.10E-05	0.00854	0.00917	0.00892	0.0745	8.78E-05	19.1	2.82E-05	0.000441	0.000181	0.00378
2027-07-01	1	122	6.50	3.19	0.0898	7.73	0.505	0.114	0.00342	9.12E-06	0.0243	4.39E-05	0.00926	0.00976	0.0097	0.0808	9.46E-05	20.4	2.97E-05	0.000472	0.000151	0.00407
2027-08-01	1	96.2	6.17	2.5	0.0717	6.49	0.447	0.101	0.00272	9.30E-06	0.0334	3.82E-05	0.00738	0.00874	0.00759	0.0642	7.97E-05	17.9	2.89E-05	0.000414	0.000412	0.00347
2027-09-01	1	96	6.34	2.49	0.0717	6.49	0.454	0.101	0.00271	9.32E-06	0.0336	3.81E-05	0.00735	0.00899	0.00756	0.0644	7.95E-05	18.1	2.89E-05	0.000413	0.000418	0.00346
2027-10-01	1	92	6.25	2.39	0.0688	6.26	0.442	0.0979	0.0026	9.15E-06	0.0337	3.69E-05	0.00705	0.00878	0.00723	0.0618	7.66E-05	17.6	2.83E-05	0.0004	0.000432	0.00335
2027-11-01	1	94	6.42	2.44	0.0703	6.35	0.451	0.0992	0.00265	9.16E-06	0.0332	3.73E-05	0.00718	0.00904	0.00738	0.0632	7.77E-05	17.9	2.84E-05	0.000405	0.000415	0.00339
2027-12-01	1	101	6.54	2.64	0.0756	6.71	0.469	0.103	0.00285	9.09E-06	0.0305	3.90E-05	0.00773	0.00937	0.00799	0.0681	8.21E-05	18.7	2.86E-05	0.000421	0.000338	0.00356
2028-01-01	1	104	6.55	2.71	0.0774	6.85	0.474	0.105	0.00293	9.11E-06	0.0297	3.96E-05	0.00793	0.00944	0.00822	0.0698	8.37E-05	18.9	2.88E-05	0.000428	0.000315	0.00363
2028-02-01	2	105	6.56	2.73	0.0779	6.88	0.476	0.105	0.00294	9.12E-06	0.0296	3.98E-05	0.00798	0.00946	0.00827	0.0701	8.41E-05	19	2.88E-05	0.00043	3.11E-04	0.00365
2028-03-01	2	106	6.57	2.75	0.0786	6.94	0.478	0.106	0.00297	9.14E-06	0.0294	4.01E-05	0.00805	0.00949	0.00835	0.0708	8.48E-05	19.1	2.89E-05	0.000433	0.000304	0.00367
2028-04-01	2	110	6.61	2.87	0.0817	7.16	0.488	0.109	0.00309	9.20E-06	0.0285	4.12E-05	0.00838	0.00961	0.00871	0.0733	8.76E-05	19.5	2.93E-05	0.000445	0.000272	0.00379
2028-05-01	2	91.7	6.18	2.37	0.0682	6.2	0.434	0.0967	0.00256	8.95E-06	0.0323	3.65E-05	0.00699	0.00849	0.00718	0.0607	7.56E-05	17.4	2.76E-05	0.000395	0.000404	0.0033
2028-06-01	2	117	6.44	3.04	0.0859	7.45	0.491	0.111	0.00325	9.06E-06	0.0255	4.26E-05	0.00885	0.00947	0.00924	0.0763	9.11E-05	19.8	2.93E-05	0.000459	0.000192	0.00393
2028-07-01	2	124	6.61	3.22	0.0909	7.83	0.511	0.116	0.00344	9.24E-06	0.0247	4.45E-05	0.00937	0.00983	0.00981	0.0808	9.58E-05	20.7	3.01E-05	0.00048	0.000155	0.00412
2028-08-01	2	97.2	6.33	2.52	0.0722	6.55	0.451	0.102	0.00272	9.35E-06	0.0333	3.85E-05	0.00741	0.00866	0.00763	0.0639	7.99E-05	18.1	2.89E-05	0.000417	0.000408	0.00348
2028-09-01	2	97	6.54	2.51	0.0721	6.54	0.457	0.102	0.0027	9.35E-06	0.0335	3.84E-05	0.00738	0.00889	0.00759	0.064	7.97E-05	18.3	2.89E-05	0.000415	0.000412	0.00347
2028-10-01	2	92.9	6.46	2.4	0.0691	6.3	0.444	0.0985	0.00259	9.17E-06	0.0336	3.71E-05	0.00706	0.00866	0.00725	0.0613	7.67E-05	17.7	2.82E-05	0.000402	0.000426	0.00335
2028-11-01	2	94.5	6.64	2.44	0.0704	6.37	0.452	0.0995	0.00263	9.16E-06	0.033	3.75E-05	0.00717	0.00889	0.00737	0.0625	7.75E-05	18	2.82E-05	0.000405	0.00041	0.00338
2028-12-01	2	102	6.73	2.64	0.0756	6.72	0.469	0.103	0.00283	9.09E-06	0.0304	3.90E-05	0.00771	0.00924	0.00798	0.0673	8.18E-05	18.7	2.85E-05	0.000422	0.000335	0.00355
2029-01-01	2	105	6.72	2.71	0.0775	6.86	0.475	0.105	0.0029	9.11E-06	0.0297	3.97E-05	0.00791	0.00932	0.0082	0.0689	8.35E-05	19	2.87E-05	0.000429	0.000313	0.00362
2029-02-01	3	105	6.72	2.72	0.0779	6.89	0.476	0.105	0.00292	9.12E-06	0.0295	3.99E-05	0.00796	0.00934	0.00825	0.0693	8.39E-05	19	2.87E-05	0.000431	3.08E-04	0.00364
2029-03-01	3	106	6.73	2.75	0.0787	6.95	0.478	0.106	0.00295	9.14E-06	0.0293	4.02E-05	0.00804	0.00937	0.00834	0.07	8.46E-05	19.1	2.88E-05	0.000434	0.000301	0.00367
2029-04-01	3	111	6.74	2.87	0.0817	7.17	0.488	0.109	0.00307	9.20E-06	0.0284	4.13E-05	0.00837	0.00952	0.0087	0.0726	8.75E-05	19.6	2.92E-05			

TMF NE Pond																						
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2032-01-01	5	100	7.14	2.54	0.0738	6.78	0.47	0.106	0.0027	9.02E-06	0.0284	4.01E-05	0.0074	0.00877	0.00768	0.0633	7.78E-05	19.3	2.65E-05	0.000403	0.000279	0.00337
2032-02-01	6	101	7.08	2.55	0.0744	6.76	0.476	0.107	0.00276	9.05E-06	0.0282	4.04E-05	0.00738	0.00877	0.00765	0.0647	7.78E-05	19.1	2.64E-05	0.000404	2.72E-04	0.00336
2032-03-01	6	102	6.99	2.55	0.0754	6.73	0.486	0.108	0.00286	9.09E-06	0.0279	4.09E-05	0.00735	0.00876	0.00761	0.067	7.78E-05	18.9	2.62E-05	0.000407	0.000261	0.00334
2032-04-01	6	106	6.61	2.56	0.0794	6.57	0.526	0.113	0.00325	9.24E-06	0.0267	4.29E-05	0.00721	0.00871	0.00744	0.0761	7.76E-05	17.8	2.55E-05	0.000417	0.000217	0.00327
2032-05-01	6	97.5	5.72	2.2	0.0757	5.7	0.55	0.113	0.00348	9.19E-06	0.0259	4.31E-05	0.00592	0.00777	0.00602	0.0815	6.72E-05	15.1	2.20E-05	0.000386	0.000198	0.00274
2032-06-01	6	109	5.46	2.44	0.0848	5.9	0.601	0.12	0.00403	9.33E-06	0.0234	4.59E-05	0.00645	0.00818	0.00658	0.0943	7.29E-05	14.6	2.25E-05	0.000421	0.000115	0.00292
2032-07-01	6	97	5.51	2.15	0.076	5.64	0.567	0.116	0.00361	9.55E-06	0.0273	4.45E-05	0.00571	0.00762	0.00577	0.084	6.62E-05	14.8	2.19E-05	0.000387	0.000218	0.00268
2032-08-01	6	95.8	5.55	2.12	0.0752	5.6	0.564	0.116	0.00357	9.54E-06	0.0274	4.43E-05	0.00563	0.00758	0.00569	0.0831	6.54E-05	14.8	2.18E-05	0.000383	0.000223	0.00264
2032-09-01	6	99.7	5.61	2.21	0.0781	5.71	0.579	0.118	0.00371	9.58E-06	0.0268	4.51E-05	0.00585	0.00779	0.00592	0.0866	6.76E-05	14.9	2.21E-05	0.000395	2.01E-04	0.00273
2032-10-01	6	101	5.64	2.22	0.0786	5.72	0.582	0.118	0.00374	9.56E-06	0.0265	4.51E-05	0.00589	0.00784	0.00596	0.0873	6.79E-05	14.9	2.21E-05	0.000397	1.93E-04	0.00274
2032-11-01	6	103	5.63	2.28	0.0806	5.79	0.591	0.119	0.00384	9.55E-06	0.0259	4.56E-05	0.00605	0.00797	0.00613	0.0897	6.94E-05	14.9	2.23E-05	0.000405	1.74E-04	0.00279
2032-12-01	6	105	5.62	2.33	0.0823	5.85	0.598	0.12	0.00392	9.58E-06	0.0255	4.61E-05	0.00618	0.00807	0.00627	0.0917	7.07E-05	14.9	2.25E-05	0.000412	1.61E-04	0.00284
2033-01-01	6	107	5.68	2.38	0.0837	5.93	0.607	0.122	0.00399	9.69E-06	0.0257	4.67E-05	0.00628	0.00819	0.00638	0.0933	7.19E-05	15.1	2.28E-05	0.000418	0.000159	0.00288
2033-02-01	7	109	5.77	2.42	0.0852	6.03	0.618	0.124	0.00406	9.84E-06	0.026	4.75E-05	0.0064	0.00832	0.0065	0.095	7.31E-05	15.3	2.32E-05	0.000426	1.59E-04	0.00293
2033-03-01	7	110	5.75	2.43	0.0855	6.04	0.619	0.124	0.00408	9.83E-06	0.0258	4.76E-05	0.00643	0.00834	0.00653	0.0953	7.34E-05	15.3	2.32E-05	0.000427	0.000155	0.00294
2033-04-01	7	112	5.70	2.47	0.0869	6.07	0.624	0.125	0.00414	9.78E-06	0.0252	4.78E-05	0.00653	0.00839	0.00665	0.0967	7.44E-05	15.2	2.32E-05	0.000432	0.000138	0.00298
2033-05-01	7	99.2	5.60	2.18	0.0772	5.59	0.571	0.115	0.00366	9.30E-06	0.0256	4.41E-05	0.00577	0.00766	0.00585	0.0853	6.65E-05	14.5	2.15E-05	0.00039	0.000181	0.00268
2033-06-01	7	110	5.43	2.43	0.0852	5.88	0.606	0.12	0.00406	9.35E-06	0.0234	4.62E-05	0.00642	0.00812	0.00654	0.0946	7.27E-05	14.5	2.24E-05	0.000423	0.000111	0.00291
2033-07-01	7	97.7	5.56	2.14	0.0761	5.64	0.569	0.117	0.00361	9.57E-06	0.0273	4.46E-05	0.00569	0.00756	0.00575	0.0837	6.61E-05	14.8	2.19E-05	0.000389	0.000216	0.00267
2033-08-01	7	96.5	5.62	2.12	0.0753	5.6	0.565	0.116	0.00356	9.54E-06	0.0274	4.43E-05	0.00562	0.00752	0.00567	0.0827	6.54E-05	14.8	2.17E-05	0.000385	0.000222	0.00264
2033-09-01	7	100	5.67	2.2	0.0781	5.71	0.58	0.118	0.0037	9.59E-06	0.0268	4.51E-05	0.00584	0.00773	0.00591	0.086	6.75E-05	14.9	2.21E-05	0.000396	2.00E-04	0.00272
2033-10-01	7	101	5.71	2.22	0.0787	5.72	0.582	0.118	0.00372	9.56E-06	0.0265	4.52E-05	0.00588	0.00778	0.00595	0.0867	6.79E-05	14.9	2.21E-05	0.000398	1.93E-04	0.00273
2033-11-01	7	104	5.69	2.28	0.0806	5.79	0.591	0.119	0.00382	9.56E-06	0.0259	4.56E-05	0.00604	0.0079	0.00612	0.089	6.93E-05	14.8	2.23E-05	0.000406	1.74E-04	0.00279
2033-12-01	7	106	5.67	2.33	0.0823	5.85	0.599	0.12	0.0039	9.58E-06	0.0255	4.61E-05	0.00617	0.00801	0.00626	0.0909	7.06E-05	14.9	2.25E-05	0.000413	1.61E-04	0.00283
2034-01-01	7	108	5.73	2.37	0.0837	5.93	0.608	0.122	0.00397	9.69E-06	0.0257	4.68E-05	0.00628	0.00813	0.00637	0.0925	7.18E-05	15	2.28E-05	0.00042	0.000159	0.00288
2034-02-01	8	110	5.82	2.42	0.0853	6.04	0.618	0.124	0.00404	9.85E-06	0.026	4.75E-05	0.0064	0.00827	0.00649	0.0942	7.31E-05	15.3	2.32E-05	0.000427	1.59E-04	0.00293
2034-03-01	8	111	5.80	2.43	0.0856	6.05	0.62	0.124	0.00406	9.84E-06	0.0258	4.76E-05	0.00642	0.00828	0.00653	0.0946	7.34E-05	15.3	2.32E-05	0.000429	0.000155	0.00294
2034-04-01	8	113	5.74	2.47	0.0869	6.07	0.624	0.125	0.00412	9.79E-06	0.0252	4.78E-05	0.00653	0.00833	0.00664	0.0958	7.44E-05	15.2	2.32E-05	0.000435	0.000138	0.00298
2034-05-01	8	99.9	5.67	2.18	0.0773	5.6	0.571	0.115	0.00363	9.31E-06	0.0256	4.41E-05	0.00577	0.00759	0.00585	0.0842	6.65E-05	14.4	2.15E-05	0.000392	0.000181	0.00268
2034-06-01	8	111	5.45	2.43	0.0852	5.88	0.606	0.12	0.00402	9.35E-06	0.0234	4.62E-05	0.00642	0.00805	0.00654	0.0933	7.27E-05	14.4	2.24E-05	0.000426	0.000111	0.00291
2034-07-01	8	98.4	5.63	2.15	0.0762	5.64	0.569	0.117	0.00358	9.57E-06	0.0273	4.46E-05	0.00569	0.00749	0.00575	0.0826	6.61E-05	14.7	2.19E-05	0.000391	0.000216	0.00267
2034-08-01	8	97.2	5.70	2.12	0.0754	5.61	0.566	0.116	0.00353	9.55E-06	0.0274	4.43E-05	0.00562	0.00746	0.00567	0.0816	6.54E-05	14.7	2.17E-05	0.000387	0.000222	0.00264
2034-09-01	8	101	5.74	2.2	0.0782	5.72	0.58	0.118	0.00367	9.59E-06	0.0268	4.51E-05	0.00584	0.00766	0.00591	0.0849	6.75E-05	14.8	2.21E-05	0.000399	2.00E-04	0.00272
2034-10-01	8	102	5.79	2.22	0.0788	5.73	0.583	0.118	0.0037	9.56E-06	0.0265	4.52E-05	0.00588	0.00771	0.00595	0.0856	6.79E-05	14.8	2.21E-05	0.000401	1.92E-04	0.00273
2034-11-01	8	105	5.76	2.28	0.0807	5.79	0.592	0.119	0.00379	9.56E-06	0.0259	4.56E-05	0.00604	0.00784	0.00612	0.0878	6.94E-05	14.8	2.23E-05	0.000409	1.74E-04	0.00279
2034-12-01	8	107	5.73	2.33	0.0823	5.85	0.599	0.12	0.00387	9.58E-06	0.0255	4.61E-05	0.00617	0.00794	0.00626	0.0897	7.06E-05	14.8	2.25E-05	0.000416	1.61E-04	0.00283
2035-01-01	8	109	5.78	2.38	0.0838	5.94	0.608	0.122	0.00394	9.69E-06	0.0257	4.68E-05	0.00628	0.00806	0.00638	0.0913	7.18E-05	15	2.28E-05	0.000422	0.000159	0.00288
2035-02-01	9	111	5.87	2.42	0.0853	6.04	0.619	0.124	0.00401	9.85E-06	0.026	4.75E-05	0.0064	0.0082	0.0065	0.093	7.31E-05	15.2	2.32E-05	0.00043	1.59E-04	0.00293
2035-03-01	9	111	5.85	2.43	0.0857	6.05	0.62	0.124	0.00403	9.84E-06	0.0258	4.76E-05	0.00642	0.00821	0.00653	0.0933	7.34E-05	15.2	2.32E-05	0.000432	0.000155	0.00294
2035-04-01	9	113	5.77	2.47	0.0869	6.08	0.624	0.125	0.00409	9.79E-06	0.0252	4.78E-05	0.00653	0.00826	0.00664	0.0946	7.44E-05	15.1	2.32E-05	0.000437	0.000138	0.00298
2035-05-01	9	100	5.75	2.18	0.0773	5.6	0.571	0.115	0.00361	9.31E-06	0.0256	4.41E-05	0.00577	0.00753	0.00584	0.0834	6.65E-05	14.4	2.15E-05	0.000394	0.000181	0.00267
2035-06-01	9	111	5.47	2.43	0.0852	5.88	0.606	0.12	0.004	9.35E-06	0.0234	4.62E-05	0.00642	0.008	0.00654	0.0924	7.27E-05	14.4	2.24E-05	0.000428	0.000111	0.00291
2035-07-01	9	114	5.48	2.5	0.0875	5.99	0.619	0.122	0.00412	9.46E-06	0.0233	4.71E-05	0.0066	0.00816	0.00673	0.095	7.46E-05	14.6	2.28E-05	0.000438	0.0001	0.00298
2035-08-01	9	105	5.68	2.3	0.0812	5.79	0.591	0.119	0.0038	9.48E-06	0.0253	4.56E-05	0.00608	0.00777	0.00617	0.0876	6.97E-05	14.6	2.22E-05	0.000412	0.000161	0.0028
2035-09-01	9	107	5.74	2.35	0.0827	5.86	0.6	0.12	0.00387	9.55E-06	0.0252	4.61E-05	0.0062	0.0079	0.0063	0.0894	7.09E-05	14.7	2.24E-05	0.000419	1.53E-04	0.00284
2035-10-01	9	106	5.81	2.32	0.0819	5.82	0.596	0.12	0.00383	9.53E-												

TMF NE Pond																						
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2037-07-01	11	115	5.50	2.5	0.0875	5.99	0.619	0.123	0.00409	9.47E-06	0.0233	4.71E-05	0.00659	0.00811	0.00672	0.094	7.45E-05	14.6	2.28E-05	0.00044	0.0001	0.00297
2037-08-01	11	105	5.79	2.29	0.0808	5.81	0.591	0.12	0.00376	9.52E-06	0.0254	4.58E-05	0.00604	0.00771	0.00613	0.0863	6.92E-05	14.6	2.20E-05	0.00041	0.000161	0.00278
2037-09-01	11	107	5.87	2.33	0.0821	5.87	0.599	0.121	0.00382	9.57E-06	0.0253	4.62E-05	0.00614	0.00782	0.00623	0.0877	7.02E-05	14.7	2.22E-05	0.000416	1.55E-04	0.00282
2037-10-01	11	106	5.95	2.29	0.0811	5.83	0.594	0.12	0.00377	9.54E-06	0.0254	4.59E-05	0.00605	0.00776	0.00614	0.0866	6.93E-05	14.7	2.21E-05	0.000411	1.61E-04	0.00278
2037-11-01	11	107	5.93	2.33	0.0823	5.87	0.599	0.121	0.00382	9.54E-06	0.0251	4.61E-05	0.00614	0.00783	0.00624	0.0879	7.02E-05	14.7	2.22E-05	0.000416	1.51E-04	0.00282
2037-12-01	11	110	5.87	2.38	0.0838	5.92	0.606	0.122	0.0039	9.57E-06	0.0248	4.66E-05	0.00627	0.00793	0.00637	0.0897	7.15E-05	14.7	2.24E-05	0.000423	1.41E-04	0.00286
2038-01-01	11	113	6.00	2.46	0.0865	6.1	0.625	0.125	0.00403	9.83E-06	0.0254	4.79E-05	0.00648	0.00817	0.00659	0.0926	7.38E-05	15.1	2.31E-05	0.000437	0.000141	0.00296
2038-02-01	12	113	5.99	2.46	0.0867	6.1	0.625	0.125	0.00403	9.83E-06	0.0253	4.80E-05	0.00649	0.00818	0.0066	0.0928	7.39E-05	15.1	2.31E-05	0.000438	1.39E-04	0.00296
2038-03-01	12	114	5.96	2.47	0.087	6.11	0.626	0.125	0.00405	9.82E-06	0.0252	4.80E-05	0.00652	0.00819	0.00663	0.0931	7.41E-05	15.1	2.31E-05	0.000439	0.000136	0.00297
2038-04-01	12	115	5.85	2.5	0.0879	6.12	0.629	0.125	0.00409	9.78E-06	0.0247	4.81E-05	0.0066	0.00822	0.00672	0.094	7.49E-05	15.1	2.32E-05	0.000443	0.000124	0.003
2038-05-01	12	100	5.97	2.16	0.0769	5.62	0.57	0.116	0.00355	9.30E-06	0.0254	4.43E-05	0.00571	0.00742	0.00578	0.0814	6.57E-05	14.2	2.12E-05	0.000391	0.000175	0.00264
2038-06-01	12	112	5.53	2.43	0.0851	5.88	0.606	0.12	0.00396	9.36E-06	0.0234	4.62E-05	0.0064	0.00791	0.00652	0.0908	7.25E-05	14.4	2.23E-05	0.000429	0.00011	0.0029
2038-07-01	12	115	5.51	2.5	0.0875	5.99	0.618	0.123	0.00407	9.47E-06	0.0233	4.71E-05	0.00659	0.00808	0.00672	0.0934	7.45E-05	14.5	2.28E-05	0.000441	0.0001	0.00297
2038-08-01	12	106	5.85	2.29	0.0808	5.82	0.591	0.12	0.00374	9.52E-06	0.0254	4.58E-05	0.00604	0.00769	0.00613	0.0858	6.91E-05	14.5	2.20E-05	0.000411	0.000161	0.00278
2038-09-01	12	108	5.92	2.33	0.0822	5.87	0.599	0.121	0.0038	9.57E-06	0.0253	4.62E-05	0.00614	0.0078	0.00623	0.0872	7.02E-05	14.6	2.22E-05	0.000417	1.55E-04	0.00282
2038-10-01	12	106	6.02	2.29	0.0812	5.84	0.595	0.12	0.00375	9.54E-06	0.0254	4.59E-05	0.00605	0.00774	0.00614	0.0861	6.93E-05	14.6	2.21E-05	0.000412	1.61E-04	0.00278
2038-11-01	12	108	5.99	2.33	0.0823	5.87	0.6	0.121	0.00381	9.54E-06	0.0251	4.61E-05	0.00614	0.00781	0.00624	0.0874	7.02E-05	14.6	2.22E-05	0.000417	1.51E-04	0.00282
2038-12-01	12	110	5.90	2.37	0.0836	5.91	0.605	0.121	0.00387	9.54E-06	0.0248	4.64E-05	0.00625	0.00789	0.00636	0.0889	7.13E-05	14.6	2.24E-05	0.000423	1.40E-04	0.00286
2039-01-01	12	3.29	0.17	0.0863	0.00243	0.208	0.0135	0.000709	0.0000926	1.24E-07	0.000627	5.91E-09	0.000251	0.000262	8.27E-08	0.00219	1.42E-07	0.549	7.93E-07	0.0000127	0.00000348	0.00011
2039-02-01	13	8.51	0.45	0.223	0.00628	0.539	0.035	0.00183	0.000239	3.21E-07	0.00162	1.53E-08	0.000648	0.000676	0.00000214	0.00565	3.68E-07	1.42	2.05E-06	0.0000328	9.00E-06	0.000283
2039-03-01	13	31.3	1.65	0.82	0.0231	1.98	0.129	0.00674	0.00088	1.18E-06	0.00596	5.61E-08	0.00238	0.00249	0.000000786	0.0208	1.35E-06	5.21	7.54E-06	0.000121	0.0000331	0.00104
2039-04-01	13	73.2	4.90	1.9	0.0547	4.99	0.351	0.0192	0.00207	4.42E-06	0.0274	1.48E-07	0.00562	0.00696	0.00000207	0.0491	8.81E-06	14	2.27E-05	0.00032	0.000355	0.00267
2039-05-01	13	112	6.15	2.93	0.0828	7.17	0.473	0.0249	0.00315	4.60E-06	0.0244	2.05E-07	0.00854	0.00916	0.00000287	0.0745	6.12E-06	19.1	2.81E-05	0.000441	0.000181	0.00378
2039-06-01	13	122	6.50	3.19	0.0898	7.73	0.505	0.0265	0.00342	4.72E-06	0.0243	2.20E-07	0.00926	0.00976	0.00000308	0.0808	5.71E-06	20.4	2.97E-05	0.000472	0.000151	0.00407
2039-07-01	13	96.2	6.17	2.5	0.0717	6.49	0.447	0.0243	0.00272	5.49E-06	0.0334	1.91E-07	0.00738	0.00874	0.00000267	0.0642	1.05E-05	17.9	2.89E-05	0.000414	4.12E-04	0.00347
2039-08-01	13	96	6.34	2.49	0.0717	6.49	0.454	0.0247	0.00271	5.51E-06	0.0336	1.91E-07	0.00735	0.00899	0.00000267	0.0644	1.06E-05	18.1	2.89E-05	0.000413	0.000418	0.00346
2039-09-01	13	92	6.25	2.39	0.0688	6.26	0.442	0.0241	0.0026	5.47E-06	0.0337	1.84E-07	0.00704	0.00878	0.00000258	0.0618	1.08E-05	17.6	2.83E-05	0.0004	4.32E-04	0.00334
2039-10-01	13	94	6.42	2.44	0.0703	6.35	0.451	0.0246	0.00265	5.42E-06	0.0332	1.87E-07	0.00718	0.00903	0.00000261	0.0632	1.05E-05	17.9	2.84E-05	0.000404	4.15E-04	0.00339
2039-11-01	13	101	6.54	2.64	0.0756	6.71	0.469	0.0253	0.00285	5.19E-06	0.0304	1.95E-07	0.00773	0.00937	0.00000273	0.0681	9.07E-06	18.7	2.86E-05	0.000421	3.38E-04	0.00356
2039-12-01	13	104	6.55	2.71	0.0774	6.85	0.474	0.0255	0.00293	5.14E-06	0.0297	1.98E-07	0.00793	0.00944	0.00000277	0.0698	8.67E-06	18.9	2.88E-05	0.000428	3.15E-04	0.00363
2040-01-01	13	105	6.56	2.73	0.0779	6.88	0.475	0.0255	0.00294	5.14E-06	0.0296	1.99E-07	0.00798	0.00946	0.00000279	0.0701	8.59E-06	19	2.88E-05	0.00043	0.000311	0.00365
2040-02-01	14	106	6.57	2.75	0.0786	6.94	0.478	0.0256	0.00297	5.13E-06	0.0294	2.00E-07	0.00805	0.00949	0.00000281	0.0708	8.47E-06	19.1	2.89E-05	0.000433	3.04E-04	0.00367
2040-03-01	14	110	6.61	2.87	0.0817	7.16	0.488	0.026	0.00309	5.07E-06	0.0285	2.06E-07	0.00838	0.00961	0.00000289	0.0733	7.92E-06	19.5	2.93E-05	0.000445	2.72E-04	0.00379
2040-04-01	14	91.7	6.18	2.37	0.0682	6.2	0.434	0.0237	0.00256	5.29E-06	0.0323	1.83E-07	0.00699	0.00849	0.00000256	0.0606	1.02E-05	17.4	2.76E-05	0.000395	0.000404	0.0033
2040-05-01	14	117	6.44	3.04	0.0859	7.45	0.491	0.0259	0.00325	4.80E-06	0.0255	2.13E-07	0.00885	0.00947	0.00000298	0.0763	6.44E-06	19.8	2.92E-05	0.000459	1.92E-04	0.00392
2040-06-01	14	124	6.61	3.22	0.0909	7.83	0.511	0.0268	0.00344	4.79E-06	0.0247	2.22E-07	0.00937	0.00983	0.00000311	0.0808	5.82E-06	20.7	3.01E-05	0.00048	0.000155	0.00412
2040-07-01	14	97.2	6.33	2.51	0.0722	6.55	0.45	0.0245	0.00272	5.50E-06	0.0333	1.93E-07	0.00741	0.00866	0.0000027	0.0639	1.04E-05	18.1	2.89E-05	0.000416	4.08E-04	0.00348
2040-08-01	14	97	6.54	2.51	0.0721	6.54	0.457	0.0248	0.0027	5.51E-06	0.0335	1.92E-07	0.00738	0.00889	0.00000269	0.064	1.05E-05	18.3	2.89E-05	0.000415	0.000412	0.00347
2040-09-01	14	92.9	6.46	2.4	0.0691	6.3	0.444	0.0242	0.00259	5.46E-06	0.0336	1.86E-07	0.00706	0.00866	0.0000026	0.0613	1.07E-05	17.7	2.82E-05	0.000401	0.000426	0.00335
2040-10-01	14	94.5	6.64	2.44	0.0704	6.37	0.452	0.0246	0.00263	5.41E-06	0.033	1.87E-07	0.00717	0.00889	0.00000262	0.0625	1.04E-05	18	2.82E-05	0.000405	4.10E-04	0.00338
2040-11-01	14	102	6.73	2.63	0.0756	6.72	0.469	0.0253	0.00283	5.19E-06	0.0304	1.95E-07	0.00771	0.00924	0.00000273	0.0673	9.02E-06	18.7	2.85E-05	0.000422	3.35E-04	0.00355
2040-12-01	14	105	6.72	2.71	0.0775	6.86	0.475	0.0255	0.0029	5.14E-06	0.0297	1.99E-07	0.00791	0.00932	0.00000278	0.0689	8.63E-06	19	2.87E-05	0.000429	3.13E-04	0.00362
2041-01-01	14	105	6.72	2.72	0.0779	6.89	0.476	0.0256	0.00292	5.13E-06	0.0295	1.99E-07	0.00796	0.00934	0.00000279	0.0693	8.55E-06	19	2.87E-05	0.000431	0.000308	0.00364
2041-02-01	15	106	6.73	2.75	0.0787	6.95	0.478	0.0257	0.00295	5.12E-06	0.0293	2.01E-07	0.00804	0.00937	0.00000281	0.07	8.43E-06	19.1	2.88E-05	0.000434	0.000301	0.00367
2041-03-01	15	111	6.74	2.87	0.0817	7.17	0.488	0.026	0.00307	5.07E-06	0.0284	2.06E-07	0.00837	0.00952	0.00000289	0.0726</						

TMF NE Pond																						
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L
2043-01-01	16	104	7.05	2.67	0.0769	6.89	0.476	0.0258	0.00284	5.12E-06	0.0293	2.01E-07	0.0078	0.00908	0.00000281	0.067	8.43E-06	19.2	2.81E-05	0.000424	3.01E-04	0.00356
2043-02-01	17	106	7.04	2.7	0.0777	6.94	0.478	0.0259	0.00287	5.11E-06	0.0291	2.02E-07	0.00788	0.00912	0.00000283	0.0676	8.31E-06	19.3	2.82E-05	0.000428	2.94E-04	0.00359
2043-03-01	17	110	6.99	2.83	0.0809	7.17	0.488	0.0262	0.00299	5.06E-06	0.0283	2.07E-07	0.00824	0.00929	0.0000029	0.0702	7.79E-06	19.7	2.87E-05	0.000442	2.64E-04	0.00372
2043-04-01	17	88.7	6.43	2.26	0.0658	6.3	0.435	0.0247	0.00243	5.15E-06	0.0303	1.91E-07	0.00661	0.00796	0.00000267	0.0562	9.13E-06	18.2	2.52E-05	0.000371	3.43E-04	0.00308
2043-05-01	17	117	6.51	3	0.0849	7.45	0.491	0.0262	0.00315	4.79E-06	0.0253	2.14E-07	0.00872	0.00922	0.000003	0.0729	6.30E-06	20	2.87E-05	0.000457	1.84E-04	0.00386
2043-06-01	17	125	6.63	3.2	0.0904	7.82	0.511	0.0269	0.00336	4.79E-06	0.0246	2.23E-07	0.00931	0.00964	0.00000312	0.0777	5.80E-06	20.6	2.99E-05	0.000482	1.53E-04	0.00409
2043-07-01	17	130	6.79	3.33	0.094	8.09	0.527	0.0277	0.00349	4.88E-06	0.0248	2.30E-07	0.00969	0.00996	0.00000322	0.0808	5.72E-06	21.3	3.08E-05	0.0005	1.45E-04	0.00424
2043-08-01	17	107	7.15	2.72	0.0786	7.23	0.492	0.0272	0.00289	5.32E-06	0.03	2.14E-07	0.00794	0.00913	0.00000299	0.0672	8.43E-06	20.3	2.83E-05	0.000431	2.93E-04	0.00361
2043-09-01	17	90.8	6.77	2.3	0.0674	6.47	0.448	0.0255	0.00248	5.25E-06	0.0308	1.96E-07	0.00674	0.00817	0.00000275	0.0574	9.24E-06	18.8	2.57E-05	0.000378	3.45E-04	0.00314
2043-10-01	17	89.3	6.94	2.26	0.0664	6.36	0.446	0.0253	0.00243	5.17E-06	0.0304	1.93E-07	0.00661	0.00818	0.0000027	0.0567	9.13E-06	18.6	2.52E-05	0.000371	3.42E-04	0.00308
2043-11-01	17	96.6	7.20	2.45	0.0715	6.64	0.464	0.0259	0.00261	5.04E-06	0.0289	1.98E-07	0.00714	0.00865	0.00000277	0.0613	8.31E-06	19.1	2.60E-05	0.000392	2.97E-04	0.00327
2043-12-01	17	100	7.14	2.54	0.0738	6.78	0.47	0.026	0.0027	5.01E-06	0.0284	2.01E-07	0.0074	0.00877	0.00000281	0.0633	8.00E-06	19.3	2.65E-05	0.000403	2.79E-04	0.00337
2044-01-01	17	101	7.08	2.55	0.0744	6.76	0.476	0.0261	0.00276	5.00E-06	0.0282	2.02E-07	0.00738	0.00876	0.00000283	0.0647	7.88E-06	19.1	2.63E-05	0.000404	2.72E-04	0.00336

TMF NE Pond																							
Date	Mine Year	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
TMF NE Pond Statistics (Year 1 to Year 2)																							
Minimum		0.000498	0.101	0.0000938	1.18	0.00132	0.000196	0.00199	0.143	0.000139	0.0000231	0.0000107	0.0000314	0.00201	0.00292	0.0000447	6.09E-08	0.000167	0.000201	0.0000308	0.00000932	0.00051	0.000633
P10		0.01979	2.433	0.002859	35.7	0.0333	0.00519	0.09539	3.9	0.00402	0.0006126	0.0003733	0.000892	0.07081	0.06943	0.00105	0.0000233	0.004033	0.00459	0.000904	0.0002999	0.0135	0.0192
Median		0.0529	2.885	0.004925	41.3	0.04355	0.00572	0.266	4.87	0.0046	0.0006935	0.0007445	0.00107	0.201	0.086	0.001225	0.0000362	0.004605	0.005625	0.00128	0.0005725	0.0151	0.0224
P90		0.141	3.45	0.00998	46.9	0.048	0.00665	0.722	5.29	0.005207	0.000799	0.0008571	0.00123	0.541	0.101	0.00152	0.00004457	0.00566	0.00685	0.0019	0.0013	0.0175	0.0295
Maximum		0.155	3.88	0.0106	48.9	0.0512	0.00753	0.794	5.59	0.00541	0.000894	0.000878	0.00128	0.585	0.113	0.00173	0.0000501	0.00645	0.00776	0.00198	0.00139	0.0197	0.0306
Monthly Results																							
2027-02-01	1	0.000498	0.101	9.38E-05	1.18	0.00132	0.000196	0.00199	0.144	0.000139	2.31E-05	2.14E-05	3.14E-05	0.00202	0.00292	4.47E-05	1.29E-06	0.000167	0.000201	3.08E-05	9.32E-06	0.00051	0.000633
2027-03-01	1	0.00129	0.261	0.000243	3.06	0.00341	0.000506	0.00514	0.371	0.000358	5.96E-05	5.53E-05	8.13E-05	0.00521	0.00755	0.000116	3.33E-06	0.000431	0.000519	7.95E-05	2.41E-05	0.00132	0.00164
2027-04-01	1	0.00474	0.96	0.000891	11.3	0.0126	0.00186	0.0189	1.36	0.00132	0.000219	0.000203	0.000299	0.0191	0.0277	0.000425	1.23E-05	0.00158	0.00191	0.000292	8.86E-05	0.00484	0.00602
2027-05-01	1	0.127	2.31	0.0087	28.2	0.0364	0.00433	0.642	3.8	0.00322	0.000566	0.000557	0.000712	0.483	0.0694	0.000986	3.40E-05	0.00366	0.00454	0.00162	0.00115	0.0122	0.0155
2027-06-01	1	0.0432	3.45	0.00469	40.8	0.0466	0.00665	0.203	5.02	0.00475	0.000797	0.000746	0.00107	0.168	0.1	0.00152	4.51E-05	0.00566	0.00685	0.00126	0.00053	0.0175	0.0219
2027-07-01	1	0.0277	3.74	0.004	43.9	0.0494	0.00723	0.122	5.35	0.00513	0.000857	0.000797	0.00116	0.11	0.108	0.00165	4.81E-05	0.00615	0.00742	0.00121	0.00042	0.0189	0.0235
2027-08-01	1	0.141	3.02	0.0101	36.6	0.0463	0.00569	0.694	4.81	0.0042	0.000735	0.000716	0.000934	0.55	0.0893	0.0013	4.37E-05	0.00482	0.00595	0.00194	0.00132	0.0158	0.0198
2027-09-01	1	0.148	3.03	0.0103	36.8	0.0466	0.00568	0.75	4.9	0.0042	0.000733	0.000716	0.000931	0.559	0.0906	0.00129	4.37E-05	0.0048	0.00593	0.00196	0.00134	0.0158	0.0202
2027-10-01	1	0.155	2.91	0.0106	35.5	0.0455	0.00544	0.794	4.79	0.00404	0.000708	0.000695	0.000893	0.585	0.0875	0.00124	4.24E-05	0.00459	0.00569	0.00198	0.00139	0.0152	0.0196
2027-11-01	1	0.151	2.97	0.0103	36.3	0.0459	0.00556	0.786	4.9	0.00412	0.000718	0.000702	0.000909	0.557	0.0899	0.00126	4.28E-05	0.00469	0.0058	0.00194	0.00133	0.0155	0.0202
2027-12-01	1	0.118	3.18	0.00844	38.4	0.0468	0.00601	0.625	5.07	0.00439	0.000753	0.000724	0.000976	0.427	0.0957	0.00137	4.41E-05	0.00507	0.00622	0.00172	0.00107	0.0164	0.0213
2028-01-01	1	0.108	3.26	0.00791	39.2	0.0472	0.00617	0.565	5.12	0.00449	0.000767	0.000734	0.001	0.389	0.0974	0.0014	4.46E-05	0.00521	0.00638	0.00166	0.00099	0.0167	0.0216
2028-02-01	2	0.105	3.27	0.0078	39.4	0.0473	0.00621	0.553	5.13	0.00451	0.00077	0.000737	0.00101	0.381	0.0978	0.00141	4.48E-05	0.00525	0.00642	0.00165	0.000974	0.0168	0.0217
2028-03-01	2	0.102	3.3	0.00763	39.7	0.0475	0.00627	0.533	5.15	0.00455	0.000776	0.000741	0.00102	0.368	0.0985	0.00143	4.50E-05	0.0053	0.00648	0.00163	0.000949	0.0169	0.0218
2028-04-01	2	0.0861	3.42	0.00688	41	0.0483	0.00653	0.447	5.23	0.00472	0.000799	0.000759	0.00106	0.313	0.101	0.00149	4.60E-05	0.00553	0.00674	0.00155	0.000838	0.0175	0.0224
2028-05-01	2	0.142	2.88	0.00996	35.2	0.0444	0.0054	0.723	4.72	0.00401	0.000698	0.000686	0.000891	0.541	0.086	0.00123	4.16E-05	0.00456	0.00564	0.00188	0.0013	0.015	0.0192
2028-06-01	2	0.0466	3.58	0.00497	42.5	0.0483	0.00689	0.221	5.23	0.00494	0.000827	0.000776	0.00112	0.181	0.104	0.00158	4.68E-05	0.00587	0.0071	0.00132	0.000563	0.0182	0.0227
2028-07-01	2	0.0289	3.78	0.0041	44.7	0.05	0.00731	0.128	5.42	0.00521	0.000868	0.000807	0.00119	0.114	0.11	0.00167	4.87E-05	0.00623	0.00751	0.00123	0.000432	0.0191	0.0238
2028-08-01	2	0.138	3.03	0.0101	36.9	0.0464	0.00572	0.681	4.87	0.00424	0.000737	0.000722	0.000947	0.543	0.0895	0.00131	4.38E-05	0.00485	0.00598	0.00193	0.00131	0.0159	0.0199
2028-09-01	2	0.144	3.04	0.0102	37.1	0.0466	0.00571	0.732	4.96	0.00424	0.000735	0.000721	0.000943	0.549	0.0906	0.0013	4.37E-05	0.00482	0.00595	0.00194	0.00132	0.0158	0.0202
2028-10-01	2	0.151	2.92	0.0105	35.8	0.0454	0.00547	0.774	4.83	0.00407	0.000709	0.000699	0.000903	0.575	0.0874	0.00124	4.24E-05	0.00461	0.0057	0.00196	0.00137	0.0153	0.0196
2028-11-01	2	0.148	2.97	0.0102	36.5	0.0457	0.00557	0.77	4.93	0.00414	0.000715	0.000703	0.000916	0.549	0.0895	0.00126	4.26E-05	0.00468	0.00579	0.00192	0.00132	0.0154	0.0201
2028-12-01	2	0.116	3.18	0.0084	38.6	0.0467	0.00601	0.613	5.09	0.00441	0.000751	0.000725	0.000983	0.422	0.0953	0.00136	4.39E-05	0.00507	0.00621	0.00171	0.00106	0.0163	0.0212
2029-01-01	2	0.106	3.25	0.00787	39.4	0.0471	0.00617	0.555	5.14	0.00451	0.000765	0.000735	0.00101	0.385	0.097	0.0014	4.45E-05	0.00521	0.00637	0.00165	0.000981	0.0167	0.0215
2029-02-01	3	0.103	3.27	0.00777	39.5	0.0472	0.0062	0.543	5.15	0.00453	0.000768	0.000738	0.00101	0.377	0.0974	0.00141	4.46E-05	0.00524	0.00641	0.00164	0.000965	0.0168	0.0216
2029-03-01	3	0.0999	3.3	0.0076	39.9	0.0474	0.006																

TMF NE Pond																							
Date	Mine Year	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2032-01-01	5	0.0921	3.1	0.00704	38.4	0.0438	0.00582	0.505	5.29	0.00429	0.000712	0.00074	0.000964	0.329	0.0914	0.00131	4.12E-05	0.00488	0.00595	0.00148	0.000852	0.0156	0.0204
2032-02-01	6	0.0888	3.09	0.00684	38.8	0.0435	0.00583	0.486	5.24	0.00433	0.000711	0.000745	0.000975	0.317	0.0909	0.00131	4.11E-05	0.00488	0.00593	0.00146	8.26E-04	0.0156	0.0208
2032-03-01	6	0.0835	3.07	0.00654	39.5	0.043	0.00585	0.456	5.16	0.0044	0.00071	0.000752	0.000994	0.298	0.0903	0.0013	4.10E-05	0.00487	0.0059	0.00142	0.000785	0.0156	0.0214
2032-04-01	6	0.062	2.99	0.00529	41.9	0.0411	0.00593	0.336	4.84	0.00464	0.000706	0.000783	0.00107	0.22	0.0875	0.00129	4.04E-05	0.00484	0.00575	0.00125	0.000619	0.0155	0.024
2032-05-01	6	0.0516	2.48	0.00447	41.3	0.0339	0.00521	0.269	4.07	0.00447	0.000612	0.000786	0.00104	0.189	0.0713	0.00107	3.50E-05	0.00406	0.00467	0.00107	0.000533	0.0135	0.0255
2032-06-01	6	0.0139	2.64	0.0024	45.8	0.0343	0.00577	0.0647	3.88	0.005	0.000659	0.000829	0.00119	0.046	0.0758	0.00117	3.68E-05	0.00447	0.00506	0.000837	0.000242	0.0146	0.029
2032-07-01	6	0.0559	2.4	0.00481	41.9	0.0331	0.00511	0.275	3.98	0.0045	0.000604	0.000812	0.00106	0.216	0.068	0.00103	3.46E-05	0.00393	0.00449	0.00111	0.00059	0.0132	0.0261
2032-08-01	6	0.0587	2.37	0.00494	41.6	0.0328	0.00505	0.292	3.99	0.00446	0.000597	0.000809	0.00104	0.225	0.0674	0.00101	3.43E-05	0.00388	0.00443	0.00112	0.000607	0.0131	0.0259
2032-09-01	6	0.0494	2.45	0.00442	43	0.0334	0.00525	2.46E-01	4	0.00462	0.000615	0.000822	0.00109	0.187	0.0698	0.00106	3.51E-05	0.00404	0.0046	0.00107	5.31E-04	0.0135	0.0269
2032-10-01	6	0.0465	2.46	0.00423	43.2	0.0334	0.0053	2.34E-01	3.99	0.00466	0.000618	0.000822	0.00109	0.174	0.0703	0.00106	3.52E-05	0.00407	0.00463	0.00105	5.04E-04	0.0136	0.0272
2032-11-01	6	0.0385	2.51	0.00378	44.2	0.0337	0.00544	1.93E-01	3.98	0.00477	0.00063	0.000829	0.00112	0.142	0.0719	0.00109	3.57E-05	0.00418	0.00475	0.000995	4.39E-04	0.0139	0.0278
2032-12-01	6	0.0326	2.56	0.00347	44.9	0.034	0.00555	1.62E-01	3.97	0.00486	0.000641	0.000836	0.00115	0.12	0.0732	0.00112	3.62E-05	0.00427	0.00485	0.000962	3.94E-04	0.0141	0.0284
2033-01-01	6	0.0312	2.6	0.00341	45.7	0.0345	0.00565	0.154	4.02	0.00495	0.000652	0.000847	0.00117	0.114	0.0744	0.00114	3.68E-05	0.00435	0.00493	0.000963	0.000384	0.0144	0.0288
2033-02-01	7	0.0307	2.64	0.00341	46.5	0.0351	0.00575	0.151	4.07	0.00504	0.000663	0.000861	0.00119	0.112	0.0757	0.00116	3.74E-05	0.00443	0.00502	0.000972	3.82E-04	0.0146	0.0293
2033-03-01	7	0.0289	2.65	0.00331	46.6	0.0351	0.00578	0.142	4.07	0.00506	0.000665	0.000862	0.0012	0.105	0.076	0.00116	3.75E-05	0.00445	0.00504	0.000961	0.000368	0.0147	0.0295
2033-04-01	7	0.0217	2.68	0.0029	47.2	0.0352	0.00587	0.104	4.03	0.00513	0.000673	0.000864	0.00122	0.0772	0.0769	0.00118	3.77E-05	0.00453	0.00512	0.000915	0.000311	0.0149	0.0299
2033-05-01	7	0.0427	2.41	0.00398	42.6	0.0326	0.0052	0.218	3.91	0.00458	0.000605	0.000803	0.00108	0.158	0.0689	0.00104	3.44E-05	0.00399	0.00453	0.000999	0.000467	0.0133	0.0267
2033-06-01	7	0.0118	2.62	0.00228	46.2	0.034	0.00576	0.0525	3.84	0.00504	0.000657	0.000833	0.0012	0.0388	0.0752	0.00116	3.67E-05	0.00446	0.00503	0.000821	0.000226	0.0146	0.0293
2033-07-01	7	0.0547	2.39	0.00477	42.1	0.0329	0.00511	0.267	3.98	0.00452	0.000603	0.000814	0.00107	0.213	0.0676	0.00103	3.46E-05	0.00393	0.00448	0.00111	0.000583	0.0132	0.0262
2033-08-01	7	0.0577	2.37	0.00492	41.8	0.0327	0.00505	0.286	3.99	0.00447	0.000596	0.00081	0.00105	0.224	0.067	0.00101	3.43E-05	0.00387	0.00442	0.00112	0.000603	0.0131	0.026
2033-09-01	7	0.0487	2.44	0.00441	43.1	0.0333	0.00525	2.42E-01	4	0.00464	0.000614	0.000822	0.00109	0.186	0.0695	0.00105	3.51E-05	0.00403	0.00459	0.00107	5.28E-04	0.0135	0.0269
2033-10-01	7	0.0459	2.46	0.00423	43.4	0.0333	0.00529	2.30E-01	4	0.00467	0.000617	0.000822	0.0011	0.174	0.07	0.00106	3.52E-05	0.00406	0.00462	0.00104	5.02E-04	0.0136	0.0271
2033-11-01	7	0.0381	2.51	0.00379	44.3	0.0337	0.00543	1.90E-01	3.99	0.00478	0.00063	0.000829	0.00113	0.142	0.0716	0.00109	3.57E-05	0.00418	0.00474	0.000995	4.38E-04	0.0139	0.0278
2033-12-01	7	0.0323	2.55	0.00347	45.1	0.034	0.00554	1.60E-01	3.98	0.00487	0.00064	0.000836	0.00116	0.12	0.073	0.00112	3.62E-05	0.00427	0.00484	0.000962	3.93E-04	0.0141	0.0283
2034-01-01	7	0.0309	2.59	0.00341	45.8	0.0345	0.00564	0.152	4.02	0.00496	0.000651	0.000848	0.00118	0.114	0.0742	0.00114	3.67E-05	0.00435	0.00492	0.000963	0.000384	0.0144	0.0288
2034-02-01	8	0.0304	2.64	0.00341	46.7	0.035	0.00575	0.15	4.08	0.00505	0.000663	0.000862	0.0012	0.112	0.0755	0.00116	3.74E-05	0.00443	0.00502	0.000973	3.82E-04	0.0146	0.0294
2034-03-01	8	0.0287	2.65	0.00332	46.8	0.0351	0.00577	0.141	4.07	0.00507	0.000665	0.000863	0.00121	0.105	0.0758	0.00116	3.75E-05	0.00445	0.00504	0.000962	0.000368	0.0147	0.0295
2034-04-01	8	0.0215	2.68	0.00291	47.4	0.0352	0.00586	0.103	4.04	0.00515	0.000673	0.000864	0.00123	0.0772	0.0768	0.00118	3.77E-05	0.00454	0.00512	0.000916	0.000311	0.0149	0.0299
2034-05-01	8	0.0422	2.4	0.00399	42.9	0.0326	0.00519	0.215	3.9	0.0046	0.000605	0.000803	0.00109	0.158	0.0688	0.00104	3.44E-05	0.004	0.00453	0.001	0.000467	0.0133	0.0267

TMF NE Pond																							
Date	Mine Year	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2037-07-01	11	0.00625	2.66	0.00201	48	0.0345	0.00589	0.0231	3.86	0.00521	0.000673	0.000848	0.00127	0.018	0.0767	0.00119	3.74E-05	0.0046	0.00516	0.000802	0.000186	0.0149	0.03
2037-08-01	11	0.0312	2.48	0.00348	45	0.0333	0.00542	0.153	3.95	0.00482	0.000627	0.000831	0.00116	0.12	0.071	0.00109	3.54E-05	0.0042	0.00474	0.000953	0.000392	0.0139	0.0277
2037-09-01	11	0.0287	2.52	0.00334	45.7	0.0336	0.00551	1.42E-01	3.98	0.0049	0.000636	0.000838	0.00118	0.109	0.0722	0.00111	3.59E-05	0.00427	0.00482	0.000941	3.70E-04	0.0141	0.0282
2037-10-01	11	0.0316	2.49	0.0035	45.3	0.0334	0.00544	1.59E-01	3.98	0.00485	0.000629	0.000833	0.00117	0.12	0.0714	0.00109	3.55E-05	0.0042	0.00475	0.000953	3.91E-04	0.0139	0.0279
2037-11-01	11	0.0275	2.52	0.00326	45.8	0.0336	0.00552	1.39E-01	3.97	0.00491	0.000636	0.000836	0.00118	0.103	0.0724	0.00111	3.58E-05	0.00427	0.00482	0.000929	3.57E-04	0.0141	0.0283
2037-12-01	11	0.0231	2.56	0.00301	46.5	0.0339	0.00563	1.15E-01	3.97	0.005	0.000647	0.000843	0.00121	0.0852	0.0737	0.00113	3.64E-05	0.00436	0.00492	0.000906	3.22E-04	0.0143	0.0288
2038-01-01	11	0.0222	2.65	0.003	47.9	0.035	0.00581	0.109	4.07	0.00516	0.000668	0.000867	0.00125	0.0813	0.0761	0.00117	3.75E-05	0.00451	0.00508	0.000922	0.000318	0.0148	0.0297
2038-02-01	12	0.0214	2.65	0.00296	48	0.035	0.00582	0.105	4.07	0.00517	0.000669	0.000867	0.00125	0.0783	0.0762	0.00117	3.75E-05	0.00452	0.00509	0.000918	3.12E-04	0.0148	0.0298
2038-03-01	12	0.0203	2.66	0.00289	48.1	0.035	0.00584	0.0989	4.06	0.00519	0.000671	0.000868	0.00126	0.0736	0.0764	0.00118	3.76E-05	0.00454	0.00511	0.00091	0.000303	0.0149	0.0299
2038-04-01	12	0.0154	2.68	0.0026	48.5	0.0351	0.00591	0.0724	4.02	0.00524	0.000677	0.000868	0.00127	0.0541	0.0772	0.0012	3.79E-05	0.0046	0.00517	0.000879	0.000263	0.015	0.0302
2038-05-01	12	0.0383	2.37	0.00387	43.3	0.0321	0.00514	0.195	3.88	0.0046	0.000597	0.000804	0.0011	0.148	0.0677	0.00103	3.39E-05	0.00396	0.00448	0.000974	0.000444	0.0132	0.0264
2038-06-01	12	0.0109	2.58	0.00227	46.9	0.0338	0.00572	0.0482	3.83	0.00508	0.000655	0.000834	0.00124	0.0371	0.0746	0.00116	3.65E-05	0.00447	0.00501	0.000821	0.000222	0.0145	0.0292
2038-07-01	12	0.00621	2.65	0.00201	48.1	0.0344	0.00588	0.0229	3.86	0.00521	0.000672	0.000848	0.00128	0.018	0.0766	0.00119	3.74E-05	0.0046	0.00516	0.000802	0.000186	0.0149	0.03
2038-08-01	12	0.031	2.48	0.00349	45.2	0.0332	0.00541	0.152	3.93	0.00483	0.000627	0.000831	0.00117	0.12	0.0709	0.00109	3.54E-05	0.0042	0.00474	0.000954	0.000392	0.0139	0.0277
2038-09-01	12	0.0285	2.51	0.00335	45.9	0.0336	0.00551	0.141	3.95	0.00491	0.000636	0.000838	0.00119	0.109	0.0721	0.00111	3.59E-05	0.00427	0.00481	0.000942	3.70E-04	0.0141	0.0282
2038-10-01	12	0.0313	2.49	0.00351	45.4	0.0334	0.00544	1.57E-01	3.96	0.00486	0.000629	0.000833	0.00117	0.12	0.0713	0.00109	3.55E-05	0.00421	0.00475	0.000954	3.91E-04	0.0139	0.0278
2038-11-01	12	0.0273	2.52	0.00328	45.9	0.0336	0.00552	1.37E-01	3.95	0.00492	0.000636	0.000836	0.00119	0.103	0.0723	0.00111	3.58E-05	0.00427	0.00482	0.00093	3.58E-04	0.0141	0.0282
2038-12-01	12	0.0227	2.55	0.00301	46.5	0.0338	0.00561	1.12E-01	3.94	0.005	0.000646	0.00084	0.00121	0.0848	0.0734	0.00113	3.63E-05	0.00435	0.0049	0.000904	3.21E-04	0.0143	0.0287
2039-01-01	12	0.000498	0.101	0.0000938	1.18	0.00132	0.000196	0.00199	0.143	0.000139	0.0000231	0.0000107	0.0000314	0.00201	0.00292	0.0000447	6.09E-08	0.000167	0.000201	0.0000308	0.00000932	0.00051	0.000633
2039-02-01	13	0.00129	0.261	0.000243	3.06	0.00341	0.000506	0.00514	0.371	0.000358	0.0000596	0.0000278	0.0000813	0.00521	0.00755	0.000116	1.57E-07	0.00043	0.000519	0.0000795	2.41E-05	0.00132	0.00164
2039-03-01	13	0.00474	0.96	0.000891	11.3	0.0125	0.00186	0.0189	1.36	0.00132	0.000219	0.000102	0.000299	0.0191	0.0277	0.000425	5.78E-07	0.00158	0.00191	0.000292	0.0000886	0.00484	0.00602
2039-04-01	13	0.127	2.31	0.0087	28.2	0.0364	0.00433	0.642	3.8	0.00322	0.000566	0.000292	0.000712	0.483	0.0694	0.000986	1.91E-06	0.00366	0.00454	0.00161	0.00114	0.0122	0.0155
2039-05-01	13	0.0431	3.45	0.00469	40.7	0.0466	0.00665	0.203	5.02	0.00475	0.000797	0.000378	0.00107	0.168	0.1	0.00152	2.20E-06	0.00566	0.00685	0.00126	0.000529	0.0175	0.0219
2039-06-01	13	0.0277	3.74	0.004	43.9	0.0494	0.00723	0.121	5.35	0.00513	0.000857	0.000401	0.00116	0.11	0.108	0.00165	2.29E-06	0.00615	0.00742	0.00121	0.00042	0.0189	0.0235
2039-07-01	13	0.141	3.02	0.0101	36.6	0.0463	0.00569	0.694	4.81	0.0042	0.000735	0.000373	0.000934	0.55	0.0893	0.0013	2.40E-06	0.00482	0.00595	0.00194	0.00132	0.0158	0.0198
2039-08-01	13	0.147	3.03	0.0103	36.8	0.0466	0.00568	0.75	4.9	0.0042	0.000733	0.000373	0.000931	0.559	0.0906	0.00129	2.40E-06	0.0048	0.00593	0.00196	0.00134	0.0158	0.0202
2039-09-01	13	0.155	2.91	0.0106	35.5	0.0455	0.00544	0.794	4.79	0.00404	0.000708	0.000363	0.000893	0.585	0.0875	0.00124	2.37E-06	0.00459	0.00569	0.00198	1.39E-03	0.0152	0.0196
2039-10-01	13	0.151	2.97	0.0103	36.3	0.0459	0.00556	7.86E-01	4.9	0.00412	0.000717	0.000366	0.000909	0.557	0.0899	0.00126	2.36E-06	0.00469	0.0058	0.00194	1.33E-03	0.0155	0.0202
2039-11-01	13	0.118	3.18	0.00844	38.4	0.0468	0.00601	6.25E-01	5.07	0.00439	0.000753	0.000374	0.000976	0.427	0.0957								

TMF NE Pond																							
Date	Mine Year	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2043-01-01	16	0.0995	3.22	0.00761	39.4	0.0462	0.0061	5.28E-01	5.23	0.00448	0.000752	0.00038	0.00101	0.364	0.0955	0.00138	2.33E-06	0.00514	0.00627	0.0016	0.000935	0.0164	0.0212
2043-02-01	17	0.0962	3.25	0.00745	39.8	0.0464	0.00616	5.09E-01	5.25	0.00453	0.000758	0.000382	0.00102	0.353	0.0963	0.0014	2.33E-06	0.0052	0.00634	0.00158	9.12E-04	0.0166	0.0214
2043-03-01	17	0.0816	3.38	0.00673	41.1	0.0474	0.00643	4.27E-01	5.32	0.0047	0.000785	0.000389	0.00107	0.301	0.0996	0.00146	2.34E-06	0.00545	0.00662	0.00151	0.000808	0.0172	0.022
2043-04-01	17	0.116	2.79	0.00841	34.7	0.0411	0.00515	5.99E-01	4.98	0.00385	0.000652	0.000367	0.000861	0.438	0.0813	0.00116	2.30E-06	0.00434	0.00533	0.00163	0.00107	0.0141	0.0182
2043-05-01	17	0.043	3.52	0.00475	42.6	0.0474	0.00678	2.06E-01	5.29	0.0049	0.000814	0.000395	0.00113	0.167	0.102	0.00155	2.29E-06	0.00579	0.00699	0.00128	0.000531	0.0179	0.0224
2043-06-01	17	0.0282	3.74	0.00405	44.9	0.0496	0.00723	1.26E-01	5.44	0.00521	0.000861	0.000407	0.00121	0.111	0.109	0.00166	2.33E-06	0.0062	0.00746	0.00122	0.000424	0.019	0.0237
2043-07-01	17	0.0234	3.88	0.00387	46.6	0.0512	0.00753	9.89E-02	5.59	0.00541	0.000894	0.000419	0.00126	0.0934	0.113	0.00173	2.38E-06	0.00645	0.00776	0.00123	0.000394	0.0197	0.0245
2043-08-01	17	0.0923	3.3	0.00732	40.7	0.0465	0.0062	4.84E-01	5.51	0.00457	0.000762	0.000403	0.00103	0.343	0.0964	0.0014	2.44E-06	0.00524	0.00638	0.00157	0.000891	0.0167	0.0214
2043-09-01	17	0.117	2.85	0.00849	35.7	0.0419	0.00527	6.12E-01	5.15	0.00394	0.000664	0.000377	0.00088	0.439	0.0833	0.00119	2.35E-06	0.00442	0.00543	0.00164	0.00107	0.0144	0.0187
2043-10-01	17	0.118	2.81	0.00844	35.3	0.0413	0.00519	6.35E-01	5.14	0.00388	0.000651	0.00037	0.000862	0.435	0.0827	0.00116	2.31E-06	0.00433	0.00533	0.00162	0.00106	0.0142	0.0186
2043-11-01	17	0.101	3.01	0.00746	37.5	0.043	0.00562	5.57E-01	5.26	0.00417	0.000691	0.000375	0.00093	0.36	0.089	0.00126	2.30E-06	0.0047	0.00574	0.00152	0.000912	0.0151	0.0199
2043-12-01	17	0.0921	3.1	0.00704	38.4	0.0438	0.00582	5.04E-01	5.29	0.00429	0.000712	0.000379	0.000964	0.329	0.0914	0.00131	2.30E-06	0.00488	0.00595	0.00148	0.000852	0.0156	0.0204
2044-01-01	17	0.0888	3.08	0.00684	38.8	0.0435	0.00583	4.86E-01	5.24	0.00433	0.000711	0.000381	0.000975	0.317	0.0909	0.00131	2.30E-06	0.00488	0.00593	0.00146	0.000826	0.0156	0.0208

	Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
Pond 3 Statistics (Year 4 to Year 42)																								
	Minimum		22.6	11.5	2.41	0.000519	0.0733	0.00382	0.0137	0.00203	0.00000284	0.016	0.000000114	0.000619	0.0193	0.0000016	0.000219	0.00000408	0.709	0.00000758	0.00012	0.000102	0.0013	0.015
	P10		40.56	20.66	4.522	0.0328	4.63	0.0339	0.0206	0.003816	0.00000362	0.0182	0.000000172	0.00112	0.0237	0.00000241	0.0003706	0.00000417	1.02	0.0000135	0.0002156	0.000103	0.002356	0.015
	Median		83.5	42.5	9.56	0.097	13.7	0.0981	0.0207	0.00807	0.00000363	0.0185	0.000000172	0.00222	0.026	0.00000241	0.000713	0.00000418	1.59	0.0000262	0.000431	0.000103	0.00477	0.015
	P90		101	51.3	11.3	0.121	17	0.122	0.0208	0.00956	0.00000365	0.0186	0.000000173	0.002684	0.04484	0.00000243	0.0009584	0.00000422	1.84	0.0000315	0.00052	0.000104	0.00576	0.0151
	Maximum		102	52	11.6	0.122	17.3	0.123	0.0209	0.00981	0.00000366	0.0187	0.000000174	0.00275	0.0807	0.00000244	0.00102	0.00000452	1.86	0.0000319	0.000526	0.000157	0.00583	0.0424
Monthly Results																								
	2027-01-01	1	12.7	6.50	1.4	0.00733	1.04	0.00951	0.018	0.00118	3.37E-06	0.0176	1.50E-07	0.000389	0.106	0.0000021	0.000153	4.47E-06	0.664	5.29E-06	7.53E-05	0.000131	0.000785	0.0286
	2027-02-01	1	13	6.64	1.43	0.00778	1.1	0.00992	0.018	0.00121	3.37E-06	0.0176	1.50E-07	0.000394	0.105	0.0000021	0.000154	4.45E-06	0.666	5.34E-06	7.64E-05	0.00013	0.000799	0.0281
	2027-03-01	1	13.4	6.85	1.48	0.00846	1.19	0.0105	0.0181	0.00125	3.36E-06	0.0175	1.50E-07	0.000403	0.103	0.00000211	0.000155	4.41E-06	0.668	5.43E-06	7.83E-05	0.000128	0.000821	0.0273
	2027-04-01	1	14.8	7.57	1.66	0.0109	1.53	0.0127	0.0181	0.0014	3.33E-06	0.0172	1.51E-07	0.000431	0.0946	0.00000211	0.000159	4.27E-06	0.676	5.72E-06	8.46E-05	0.000121	0.000898	0.0246
	2027-05-01	1	16.6	8.47	1.88	0.014	1.97	0.0155	0.018	0.00158	3.26E-06	0.0167	1.50E-07	0.000466	0.0829	0.0000021	0.000163	4.05E-06	0.68	6.06E-06	9.23E-05	0.00011	0.000991	0.0207
	2027-06-01	1	16.8	8.57	1.9	0.0143	2.02	0.0158	0.018	0.00161	3.26E-06	0.0166	1.50E-07	0.000469	0.0817	0.0000021	0.000164	4.02E-06	0.681	6.10E-06	9.32E-05	0.000109	0.001	0.0203
	2027-07-01	1	16.9	8.61	1.91	0.0144	2.03	0.0159	0.0181	0.00161	3.27E-06	0.0167	1.51E-07	0.000472	0.082	0.00000211	0.000164	4.04E-06	0.684	6.13E-06	9.36E-05	0.000109	0.00101	0.0204
	2027-08-01	1	16.9	8.64	1.92	0.0144	2.04	0.016	0.0181	0.00162	3.28E-06	0.0168	1.51E-07	0.000473	0.0823	0.00000212	0.000165	4.05E-06	0.686	6.15E-06	9.39E-05	0.000109	0.00101	0.0205
	2027-09-01	1	17	8.68	1.93	0.0145	2.05	0.016	0.0182	0.00163	3.29E-06	0.0168	1.52E-07	0.000475	0.0827	0.00000212	0.000166	4.07E-06	0.689	6.18E-06	9.43E-05	0.00011	0.00101	0.0205
	2027-10-01	1	16.9	8.60	1.91	0.0144	2.03	0.0159	0.0181	0.00161	3.27E-06	0.0167	1.51E-07	0.000471	0.082	0.00000211	0.000164	4.04E-06	0.683	6.12E-06	9.35E-05	0.000109	0.00101	0.0204
	2027-11-01	1	16.8	8.56	1.9	0.0143	2.02	0.0158	0.018	0.0016	3.25E-06	0.0166	1.50E-07	0.000469	0.0816	0.0000021	0.000163	4.02E-06	0.68	6.09E-06	9.30E-05	0.000108	0.001	0.0203
	2027-12-01	1	16.7	8.54	1.89	0.0143	2.02	0.0158	0.0179	0.0016	3.24E-06	0.0166	1.49E-07	0.000468	0.0814	0.00000209	0.000163	4.01E-06	0.678	6.08E-06	9.28E-05	0.000108	0.000998	0.0202
	2028-01-01	2	16.7	8.54	1.9	0.0143	2.02	0.0158	0.0179	0.0016	3.24E-06	0.0166	1.49E-07	0.000468	0.0814	0.00000209	0.000163	4.01E-06	0.679	6.08E-06	9.29E-05	0.000108	0.000999	0.0202
	2028-02-01	2	16.7	8.53	1.89	0.0143	2.02	0.0158	0.0182	0.00159	3.28E-06	0.0167	1.52E-07	0.000468	0.0838	0.00000212	0.000165	4.03E-06	0.69	6.05E-06	9.26E-05	0.000108	0.000996	0.0198
	2028-03-01	2	16.7	8.53	1.88	0.0143	2.02	0.0157	0.0186	0.00158	3.33E-06	0.0169	1.55E-07	0.000469	0.0874	0.00000217	0.000168	4.05E-06	0.708	6.02E-06	9.22E-05	0.000107	0.000992	0.0191
	2028-04-01	2	16.7	8.49	1.84	0.0142	2.01	0.0155	0.0197	0.00155	3.50E-06	0.0176	1.64E-07	0.000471	0.0983	0.0000023	0.000176	4.13E-06	0.761	5.89E-06	9.08E-05	0.000105	0.000979	0.0171
	2028-05-01	2	16.5	8.39	1.79	0.0141	2	0.0152	0.0206	0.00151	3.62E-06	0.0181	1.72E-07	0.00047	0.108	0.00000241	0.000182	4.17E-06	0.805	5.73E-06	8.89E-05	0.000102	0.00096	0.0151
	2028-06-01	2	16.5	8.39	1.78	0.0141	2	0.0152	0.0207	0.0015	3.63E-06	0.0181	1.72E-07	0.00047	0.108	0.00000241	0.000182	4.18E-06	0.808	5.72E-06	8.88E-05	0.000102	0.000959	0.015
	2028-07-01	2	16.6	8.41	1.79	0.0142	2	0.0153	0.0208	0.00151	3.64E-06	0.0182	1.73E-07	0.000471	0.109	0.00000242	0.000183	4.19E-06	0.81	5.74E-06	8.91E-05	0.000102	0.000962	0.015
	2028-08-01	2	16.6	8.44	1.8	0.0142	2.01	0.0153	0.0208	0.00151	3.65E-06	0.0182	1.73E-07	0.000472	0.109	0.00000243	0.000183	4.20E-06	0.812	5.75E-06	8.94E-05	0.000103	0.000965	0.0151
	2028-09-01	2	16.7	8.46	1.8	0.0142	2.01	0.0153	0.0209	0.00152	3.66E-06	0.0183	1.74E-07	0.000474	0.109	0.00000244	0.000184	4.22E-06	0.815	5.77E-06	8.96E-05	0.000103	0.000967	0.0151
	2028-10-01	2	16.6	8.41	1.79	0.0142	2	0.0152	0.0207	0.00151	3.64E-06	0.0182	1.73E-07	0.000471	0.109	0.00000242	0.000182	4.19E-06	0.809	5.73E-06	8.90E-05	0.0		

Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2032-03-01	6	43.3	22.00	4.76	0.0534	7.55	0.0545	0.0207	0.00401	3.63E-06	0.0183	1.73E-07	0.00114	0.0461	0.00000242	0.00037	4.18E-06	1.13	1.39E-05	0.000225	0.000103	0.00247	0.015
2032-04-01	6	45.7	23.20	5.07	0.0564	7.97	0.0575	0.0208	0.00427	3.65E-06	0.0184	1.73E-07	0.0012	0.0445	0.00000242	0.000374	4.19E-06	1.15	1.46E-05	0.000238	0.000103	0.00261	0.0151
2032-05-01	6	47.5	24.20	5.31	0.0588	8.31	0.0599	0.0207	0.00448	3.63E-06	0.0183	1.72E-07	0.00124	0.0426	0.00000241	0.000376	4.18E-06	1.15	1.52E-05	0.000248	0.000103	0.00272	0.015
2032-06-01	6	47.6	24.20	5.33	0.059	8.33	0.0601	0.0207	0.00449	3.63E-06	0.0183	1.72E-07	0.00124	0.0425	0.00000241	0.000376	4.18E-06	1.15	1.52E-05	0.000248	0.000103	0.00273	0.015
2032-07-01	6	47.8	24.30	5.34	0.0592	8.36	0.0602	0.0208	0.0045	3.64E-06	0.0184	1.73E-07	0.00125	0.0426	0.00000242	0.000377	4.19E-06	1.16	1.53E-05	0.000249	0.000103	0.00274	0.015
2032-08-01	6	47.9	24.40	5.36	0.0593	8.38	0.0604	0.0208	0.00451	3.65E-06	0.0184	1.73E-07	0.00125	0.0427	0.00000243	0.000378	4.20E-06	1.16	1.53E-05	0.00025	0.000103	0.00274	0.0151
2032-09-01	6	48.1	24.50	5.37	0.0595	8.41	0.0606	0.0209	0.00453	3.66E-06	0.0185	1.74E-07	0.00125	0.0429	0.00000244	0.000379	4.22E-06	1.16	1.54E-05	0.00025	0.000104	0.00275	0.0151
2032-10-01	6	47.7	24.30	5.34	0.0591	8.35	0.0602	0.0207	0.0045	3.64E-06	0.0183	1.73E-07	0.00125	0.0426	0.00000242	0.000377	4.19E-06	1.16	1.53E-05	0.000249	0.000103	0.00273	0.015
2032-11-01	6	47.6	24.20	5.32	0.0589	8.32	0.06	0.0207	0.00448	3.63E-06	0.0183	1.72E-07	0.00124	0.0424	0.00000241	0.000376	4.17E-06	1.15	1.52E-05	0.000248	0.000102	0.00273	0.015
2032-12-01	6	47.5	24.20	5.31	0.0588	8.31	0.0599	0.0206	0.00448	3.62E-06	0.0182	1.72E-07	0.00124	0.0424	0.00000241	0.000375	4.17E-06	1.15	1.52E-05	0.000247	0.000102	0.00272	0.015
2033-01-01	7	47.5	24.20	5.31	0.0588	8.31	0.0599	0.0206	0.00448	3.62E-06	0.0183	1.72E-07	0.00124	0.0424	0.00000241	0.000375	4.17E-06	1.15	1.52E-05	0.000247	0.000102	0.00272	0.015
2033-02-01	7	47.8	24.30	5.34	0.0589	8.33	0.06	0.0207	0.0045	3.63E-06	0.0183	1.72E-07	0.00125	0.0423	0.00000241	0.000379	4.17E-06	1.16	1.53E-05	0.000249	0.000102	0.00274	0.015
2033-03-01	7	48.2	24.50	5.39	0.0591	8.35	0.0602	0.0207	0.00454	3.63E-06	0.0183	1.73E-07	0.00126	0.0421	0.00000242	0.000385	4.18E-06	1.16	1.54E-05	0.000251	0.000103	0.00276	0.015
2033-04-01	7	49.5	25.20	5.52	0.0596	8.42	0.0607	0.0208	0.00465	3.65E-06	0.0184	1.73E-07	0.0013	0.0415	0.00000242	0.000402	4.19E-06	1.19	1.58E-05	0.000257	0.000103	0.00283	0.0151
2033-05-01	7	50.2	25.60	5.6	0.0596	8.42	0.0607	0.0207	0.00472	3.63E-06	0.0183	1.72E-07	0.00132	0.0406	0.00000241	0.000414	4.18E-06	1.2	1.60E-05	0.000261	0.000103	0.00287	0.015
2033-06-01	7	50.3	25.60	5.6	0.0596	8.42	0.0607	0.0207	0.00472	3.63E-06	0.0183	1.72E-07	0.00132	0.0406	0.00000241	0.000415	4.18E-06	1.2	1.60E-05	0.000262	0.000103	0.00288	0.015
2033-07-01	7	50.5	25.70	5.62	0.0598	8.45	0.0609	0.0208	0.00474	3.64E-06	0.0184	1.73E-07	0.00133	0.0407	0.00000242	0.000417	4.19E-06	1.2	1.61E-05	0.000262	0.000103	0.00289	0.015
2033-08-01	7	50.6	25.70	5.64	0.06	8.47	0.0611	0.0208	0.00475	3.65E-06	0.0184	1.73E-07	0.00133	0.0409	0.00000243	0.000418	4.20E-06	1.2	1.61E-05	0.000263	0.000103	0.00289	0.0151
2033-09-01	7	50.8	25.80	5.65	0.0601	8.5	0.0612	0.0209	0.00476	3.66E-06	0.0185	1.74E-07	0.00134	0.041	0.00000244	0.000419	4.22E-06	1.21	1.62E-05	0.000264	0.000104	0.0029	0.0151
2033-10-01	7	50.4	25.60	5.62	0.0597	8.44	0.0608	0.0207	0.00473	3.64E-06	0.0184	1.73E-07	0.00133	0.0407	0.00000242	0.000416	4.19E-06	1.2	1.61E-05	0.000262	0.000103	0.00288	0.015
2033-11-01	7	50.2	25.60	5.6	0.0595	8.41	0.0606	0.0207	0.00472	3.63E-06	0.0183	1.72E-07	0.00132	0.0406	0.00000241	0.000415	4.17E-06	1.2	1.60E-05	0.000261	0.000103	0.00287	0.015
2033-12-01	7	50.2	25.50	5.59	0.0594	8.4	0.0605	0.0206	0.00471	3.62E-06	0.0183	1.72E-07	0.00132	0.0405	0.00000241	0.000414	4.17E-06	1.19	1.60E-05	0.000261	0.000102	0.00287	0.015
2034-01-01	8	50.2	25.50	5.59	0.0595	8.4	0.0605	0.0206	0.00471	3.62E-06	0.0183	1.72E-07	0.00132	0.0405	0.00000241	0.000414	4.17E-06	1.19	1.60E-05	0.000261	0.000102	0.00287	0.015
2034-02-01	8	50.5	25.70	5.63	0.06	8.48	0.0611	0.0207	0.00474	3.63E-06	0.0183	1.72E-07	0.00133	0.0404	0.00000241	0.000414	4.17E-06	1.2	1.61E-05	0.000262	0.000103	0.00289	0.015
2034-03-01	8	50.9	25.90	5.68	0.0609	8.6	0.062	0.0207	0.00479	3.63E-06	0.0183	1.73E-07	0.00134	0.0403	0.00000242	0.000413	4.18E-06	1.2	1.62E-05	0.000265	0.000103	0.00291	0.015
2034-04-01	8	52.1	26.50	5.85	0.0635	8.98	0.0646	0.0208	0.00493	3.65E-06	0.0184	1.73E-07	0.00136	0.0397	0.00000242	0.00041	4.19E-06	1.21	1.66E-05	0.000271	0.000103	0.00299	0.0151
2034-05-01	8	52.9	26.90	5.95	0.0654	9.24	0.0665	0.0207	0.00501	3.63E-06	0.0183	1.72E-07	0.00137	0.039	0.00000241	0.000405	4.18						

Pond 3																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2037-12-01	11	67.5	34.40	7.75	0.0771	10.9	0.0782	0.0206	0.00654	3.62E-06	0.0184	1.72E-07	0.00175	0.0319	0.00000241	0.000537	4.17E-06	1.35	2.13E-05	0.000351	0.000103	0.00388	0.015
2038-01-01	12	67.5	34.40	7.76	0.0772	10.9	0.0782	0.0206	0.00655	3.62E-06	0.0184	1.72E-07	0.00176	0.0319	0.00000241	0.000537	4.17E-06	1.35	2.13E-05	0.000351	0.000103	0.00389	0.015
2038-02-01	12	67.8	34.50	7.79	0.078	11	0.079	0.0207	0.00658	3.63E-06	0.0184	1.72E-07	0.00176	0.0319	0.00000241	0.000538	4.17E-06	1.35	2.14E-05	0.000352	0.000103	0.0039	0.015
2038-03-01	12	68.2	34.70	7.85	0.0792	11.2	0.0803	0.0207	0.00663	3.63E-06	0.0184	1.73E-07	0.00177	0.0318	0.00000242	0.00054	4.18E-06	1.36	2.15E-05	0.000355	0.000103	0.00393	0.015
2038-04-01	12	69.5	35.40	8.01	0.0829	11.7	0.084	0.0208	0.00676	3.65E-06	0.0185	1.73E-07	0.00181	0.0316	0.00000242	0.000544	4.19E-06	1.37	2.19E-05	0.000361	0.000103	0.004	0.0151
2038-05-01	12	70.1	35.70	8.1	0.0856	12.1	0.0866	0.0207	0.00683	3.63E-06	0.0184	1.72E-07	0.00182	0.0311	0.00000241	0.000543	4.18E-06	1.38	2.21E-05	0.000365	0.000103	0.00404	0.015
2038-06-01	12	70.2	35.80	8.1	0.0857	12.1	0.0868	0.0207	0.00684	3.63E-06	0.0184	1.72E-07	0.00182	0.0311	0.00000241	0.000543	4.18E-06	1.38	2.21E-05	0.000365	0.000103	0.00405	0.015
2038-07-01	12	70.4	35.90	8.13	0.086	12.2	0.0871	0.0208	0.00686	3.64E-06	0.0185	1.73E-07	0.00183	0.0312	0.00000242	0.000545	4.19E-06	1.38	2.22E-05	0.000366	0.000103	0.00406	0.0151
2038-08-01	12	70.6	36.00	8.15	0.0862	12.2	0.0873	0.0208	0.00688	3.65E-06	0.0185	1.73E-07	0.00183	0.0313	0.00000243	0.000547	4.20E-06	1.39	2.22E-05	0.000367	0.000104	0.00407	0.0151
2038-09-01	12	70.8	36.10	8.18	0.0865	12.2	0.0876	0.0209	0.0069	3.66E-06	0.0186	1.74E-07	0.00184	0.0314	0.00000244	0.000548	4.22E-06	1.39	2.23E-05	0.000368	0.000104	0.00408	0.0151
2038-10-01	12	70.4	35.80	8.12	0.0859	12.1	0.087	0.0207	0.00686	3.64E-06	0.0185	1.73E-07	0.00183	0.0312	0.00000242	0.000545	4.19E-06	1.38	2.22E-05	0.000366	0.000103	0.00405	0.015
2038-11-01	12	70.1	35.70	8.09	0.0856	12.1	0.0867	0.0207	0.00683	3.63E-06	0.0184	1.72E-07	0.00182	0.0311	0.00000241	0.000543	4.17E-06	1.38	2.21E-05	0.000364	0.000103	0.00404	0.015
2038-12-01	12	70	35.60	8.08	0.0855	12.1	0.0866	0.0206	0.00682	3.62E-06	0.0184	1.72E-07	0.00182	0.031	0.00000241	0.000542	4.17E-06	1.37	2.21E-05	0.000364	0.000103	0.00403	0.015
2039-01-01	13	70	35.70	8.08	0.0855	12.1	0.0866	0.0206	0.00682	3.62E-06	0.0184	1.72E-07	0.00182	0.031	0.00000241	0.000542	4.17E-06	1.37	2.21E-05	0.000364	0.000103	0.00403	0.015
2039-02-01	13	71	36.20	8.2	0.0867	12.2	0.0878	0.0207	0.00692	3.63E-06	0.0184	1.72E-07	0.00184	0.0308	0.00000241	0.000547	4.17E-06	1.39	2.24E-05	0.000369	0.000103	0.00409	0.015
2039-03-01	13	72.5	36.90	8.37	0.0884	12.5	0.0895	0.0207	0.00707	3.63E-06	0.0184	1.73E-07	0.00188	0.0304	0.00000242	0.000555	4.18E-06	1.4	2.28E-05	0.000377	0.000103	0.00418	0.015
2039-04-01	13	77.1	39.30	8.92	0.0938	13.3	0.0949	0.0208	0.00753	3.65E-06	0.0185	1.73E-07	0.00199	0.0293	0.00000242	0.000578	4.19E-06	1.46	2.42E-05	0.000401	0.000104	0.00444	0.0151
2039-05-01	13	80.6	41.10	9.33	0.0979	13.8	0.099	0.0207	0.00788	3.63E-06	0.0185	1.72E-07	0.00208	0.028	0.00000241	0.000594	4.18E-06	1.5	2.53E-05	0.000419	0.000103	0.00464	0.015
2039-06-01	13	80.9	41.20	9.36	0.0982	13.9	0.0992	0.0207	0.0079	3.63E-06	0.0185	1.72E-07	0.00208	0.0279	0.00000241	0.000595	4.18E-06	1.5	2.54E-05	0.00042	0.000103	0.00466	0.015
2039-07-01	13	81.1	41.30	9.39	0.0985	13.9	0.0996	0.0208	0.00792	3.64E-06	0.0185	1.73E-07	0.00209	0.028	0.00000242	0.000597	4.19E-06	1.51	2.55E-05	0.000421	0.000104	0.00467	0.0151
2039-08-01	13	81.3	41.40	9.41	0.0987	14	0.0998	0.0208	0.00794	3.65E-06	0.0186	1.73E-07	0.00209	0.0281	0.00000243	0.000598	4.20E-06	1.51	2.55E-05	0.000422	0.000104	0.00468	0.0151
2039-09-01	13	81.6	41.50	9.44	0.099	14	0.1	0.0209	0.00797	3.66E-06	0.0186	1.74E-07	0.0021	0.0282	0.00000244	0.0006	4.22E-06	1.51	2.56E-05	0.000423	0.000104	0.0047	0.0151
2039-10-01	13	81	41.30	9.38	0.0984	13.9	0.0995	0.0207	0.00791	3.64E-06	0.0185	1.73E-07	0.00209	0.028	0.00000242	0.000596	4.19E-06	1.5	2.54E-05	0.000421	0.000103	0.00467	0.015
2039-11-01	13	80.8	41.10	9.34	0.098	13.9	0.0991	0.0207	0.00789	3.63E-06	0.0184	1.72E-07	0.00208	0.0279	0.00000241	0.000594	4.17E-06	1.5	2.53E-05	0.000419	0.000103	0.00465	0.015
2039-12-01	13	80.6	41.10	9.33	0.0979	13.8	0.099	0.0206	0.00787	3.62E-06	0.0184	1.72E-07	0.00208	0.0279	0.00000241	0.000593	4.17E-06	1.5	2.53E-05	0.000419	0.000103	0.00464	0.015
2040-01-01	14	80.7	41.10	9.33	0.0979	13.8	0.099	0.0206	0.00788	3.62E-06	0.0184	1.72E-07	0.00208	0.0279	0.00000241	0.000593	4.17E-06	1.5	2.53E-05	0.000419	0.000103	0.00465	0.015
2040-02-01	14	81.5	41.50	9.42	0.0988	14	0.0999	0.0207															

Pond 3																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2043-09-01	17	102	51.80	11.6	0.122	17.2	0.123	0.0209	0.00981	3.66E-06	0.0187	1.74E-07	0.00264	0.0239	0.00000244	0.000796	0.00000422	1.78	3.17E-05	0.000526	0.000104	0.00583	0.0151
2043-10-01	17	101	51.40	11.6	0.121	17.1	0.122	0.0207	0.00975	3.64E-06	0.0186	1.73E-07	0.00262	0.0238	0.00000242	0.000791	0.00000419	1.77	3.15E-05	0.000522	0.000104	0.00579	0.015
2043-11-01	17	101	51.20	11.5	0.12	17	0.122	0.0207	0.00972	3.63E-06	0.0185	1.72E-07	0.00261	0.0237	0.00000241	0.000788	0.00000417	1.77	3.14E-05	0.00052	0.000103	0.00577	0.015
2043-12-01	17	101	51.20	11.5	0.12	17	0.121	0.0206	0.0097	3.62E-06	0.0185	1.72E-07	0.00261	0.0237	0.00000241	0.000787	0.00000417	1.76	3.14E-05	0.00052	0.000103	0.00576	0.015
2044-01-01	18	101	51.20	11.5	0.12	17	0.121	0.0206	0.0097	3.62E-06	0.0185	1.72E-07	0.00261	0.0237	0.00000241	0.000787	0.00000417	1.76	3.14E-05	0.00052	0.000103	0.00576	0.015
2044-02-01	18	101	51.20	11.5	0.12	17	0.121	0.0207	0.0097	3.63E-06	0.0185	1.72E-07	0.00261	0.0237	0.00000241	0.000789	0.00000417	1.77	3.14E-05	0.00052	0.000103	0.00577	0.015
2044-03-01	18	101	51.30	11.5	0.121	17	0.122	0.0207	0.00971	3.63E-06	0.0186	1.73E-07	0.00262	0.0237	0.00000242	0.000791	0.00000418	1.77	3.15E-05	0.000521	0.000104	0.00578	0.015
2044-04-01	18	101	51.50	11.5	0.121	17.1	0.122	0.0208	0.0097	3.65E-06	0.0186	1.73E-07	0.00263	0.0238	0.00000242	0.000797	0.00000419	1.79	3.16E-05	0.000522	0.000104	0.00579	0.0151
2044-05-01	18	101	51.20	11.4	0.121	17	0.122	0.0207	0.00963	3.63E-06	0.0186	1.72E-07	0.00262	0.0237	0.00000241	0.000796	0.00000418	1.79	3.14E-05	0.00052	0.000104	0.00576	0.015
2044-06-01	18	101	51.20	11.4	0.121	17	0.122	0.0207	0.00963	3.63E-06	0.0186	1.72E-07	0.00262	0.0237	0.00000241	0.000797	0.00000418	1.79	3.14E-05	0.00052	0.000104	0.00576	0.015
2044-07-01	18	101	51.40	11.5	0.121	17.1	0.122	0.0208	0.00966	3.64E-06	0.0186	1.73E-07	0.00263	0.0238	0.00000242	0.000799	0.00000419	1.8	3.15E-05	0.000521	0.000104	0.00578	0.0151
2044-08-01	18	101	51.50	11.5	0.121	17.1	0.122	0.0208	0.00968	3.65E-06	0.0187	1.73E-07	0.00263	0.0239	0.00000243	0.000801	0.0000042	1.8	3.16E-05	0.000523	0.000104	0.00579	0.0151
2044-09-01	18	102	51.70	11.5	0.122	17.2	0.123	0.0209	0.00971	3.66E-06	0.0187	1.74E-07	0.00264	0.024	0.00000244	0.000804	0.00000422	1.81	3.17E-05	0.000524	0.000104	0.00581	0.0151
2044-10-01	18	101	51.30	11.4	0.121	17.1	0.122	0.0207	0.00965	3.64E-06	0.0186	1.73E-07	0.00262	0.0238	0.00000242	0.000798	0.00000419	1.8	3.15E-05	0.000521	0.000104	0.00577	0.015
2044-11-01	18	101	51.20	11.4	0.12	17	0.122	0.0207	0.00961	3.63E-06	0.0185	1.72E-07	0.00261	0.0237	0.00000241	0.000796	0.00000417	1.79	3.14E-05	0.000519	0.000103	0.00575	0.015
2044-12-01	18	100	51.10	11.4	0.12	17	0.121	0.0206	0.0096	3.62E-06	0.0185	1.72E-07	0.00261	0.0237	0.00000241	0.000794	0.00000417	1.79	3.13E-05	0.000518	0.000103	0.00574	0.015
2045-01-01	19	100	51.10	11.4	0.12	17	0.121	0.0206	0.0096	3.62E-06	0.0185	1.72E-07	0.00261	0.0237	0.00000241	0.000795	0.00000417	1.79	3.13E-05	0.000518	0.000103	0.00574	0.015
2045-02-01	19	101	51.10	11.4	0.12	17	0.121	0.0207	0.0096	3.63E-06	0.0185	1.72E-07	0.00262	0.0237	0.00000241	0.000799	0.00000417	1.79	3.14E-05	0.000519	0.000103	0.00575	0.015
2045-03-01	19	101	51.20	11.4	0.121	17	0.122	0.0207	0.00961	3.63E-06	0.0186	1.73E-07	0.00262	0.0238	0.00000242	0.000805	0.00000418	1.8	3.14E-05	0.00052	0.000104	0.00576	0.015
2045-04-01	19	101	51.40	11.4	0.121	17.1	0.122	0.0208	0.00962	3.65E-06	0.0186	1.73E-07	0.00264	0.0238	0.00000242	0.000823	0.00000419	1.81	3.15E-05	0.000521	0.000104	0.00577	0.0151
2045-05-01	19	101	51.20	11.3	0.121	17	0.122	0.0207	0.00956	3.63E-06	0.0186	1.72E-07	0.00264	0.0237	0.00000241	0.000834	0.00000418	1.81	3.14E-05	0.000519	0.000104	0.00575	0.015
2045-06-01	19	101	51.20	11.3	0.121	17	0.122	0.0207	0.00956	3.63E-06	0.0186	1.72E-07	0.00264	0.0237	0.00000241	0.000834	0.00000418	1.81	3.14E-05	0.000519	0.000104	0.00575	0.015
2045-07-01	19	101	51.40	11.4	0.121	17.1	0.122	0.0208	0.00959	3.64E-06	0.0186	1.73E-07	0.00265	0.0238	0.00000242	0.000837	0.00000419	1.82	3.15E-05	0.000521	0.000104	0.00577	0.0151
2045-08-01	19	101	51.50	11.4	0.121	17.1	0.122	0.0208	0.00961	3.65E-06	0.0187	1.73E-07	0.00266	0.0239	0.00000243	0.000839	0.0000042	1.82	3.16E-05	0.000522	0.000104	0.00578	0.0151
2045-09-01	19	102	51.70	11.4	0.122	17.2	0.123	0.0209	0.00964	3.66E-06	0.0187	1.74E-07	0.00267	0.024	0.00000244	0.000842	0.00000422	1.83	3.17E-05	0.000524	0.000104	0.0058	0.0151
2045-10-01	19	101	51.30	11.4	0.121	17.1	0.122	0.0207	0.00958	3.64E-06	0.0186	1.73E-07	0.00265	0.0238	0.00000242	0.000836	0.00000419	1.82	3.15E-05	0.00052	0.000104	0.00576	0.015
2045-11-01	19	101	51.20	11.3	0.12	17	0.122	0.0207	0.00955	3.63E-06	0.0185												

Pond 3																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2049-06-01	23	96.9	49.20	10.8	0.11	15.5	0.111	0.0207	0.00912	3.63E-06	0.0185	1.72E-07	0.00257	0.0244	0.00000241	0.000847	4.18E-06	1.79	3.02E-05	0.000499	0.000103	0.00552	0.015
2049-07-01	23	97.2	49.40	10.9	0.11	15.6	0.111	0.0208	0.00915	3.64E-06	0.0186	1.73E-07	0.00258	0.0245	0.00000242	0.00085	4.19E-06	1.79	3.03E-05	0.000501	0.000104	0.00553	0.0151
2049-08-01	23	97.5	49.50	10.9	0.111	15.6	0.112	0.0208	0.00917	3.65E-06	0.0187	1.73E-07	0.00258	0.0246	0.00000243	0.000852	4.20E-06	1.8	3.04E-05	0.000502	0.000104	0.00555	0.0151
2049-09-01	23	97.8	49.70	10.9	0.111	15.7	0.112	0.0209	0.0092	3.66E-06	0.0187	1.74E-07	0.00259	0.0246	0.00000244	0.000855	4.22E-06	1.8	3.05E-05	0.000503	0.000104	0.00557	0.0151
2049-10-01	23	97.1	49.40	10.8	0.11	15.6	0.111	0.0207	0.00914	3.64E-06	0.0186	1.73E-07	0.00257	0.0245	0.00000242	0.000849	4.19E-06	1.79	3.03E-05	0.0005	0.000104	0.00553	0.015
2049-11-01	23	96.8	49.20	10.8	0.11	15.5	0.111	0.0207	0.00911	3.63E-06	0.0185	1.72E-07	0.00256	0.0244	0.00000241	0.000846	4.17E-06	1.79	3.02E-05	0.000498	0.000103	0.00551	0.015
2049-12-01	23	96.6	49.10	10.8	0.11	15.5	0.111	0.0206	0.00909	3.62E-06	0.0185	1.72E-07	0.00256	0.0243	0.00000241	0.000845	4.17E-06	1.78	3.01E-05	0.000497	0.000103	0.0055	0.015
2050-01-01	24	96.6	49.10	10.8	0.11	15.5	0.111	0.0206	0.00909	3.62E-06	0.0185	1.72E-07	0.00256	0.0244	0.00000241	0.000845	4.17E-06	1.78	3.01E-05	0.000498	0.000103	0.0055	0.015
2050-02-01	24	96.4	49.00	10.8	0.11	15.5	0.111	0.0207	0.00907	3.63E-06	0.0185	1.72E-07	0.00256	0.0244	0.00000241	0.000844	4.17E-06	1.78	3.01E-05	0.000497	0.000103	0.00549	0.015
2050-03-01	24	96.2	48.90	10.7	0.109	15.5	0.111	0.0207	0.00905	3.63E-06	0.0185	1.73E-07	0.00255	0.0246	0.00000242	0.000843	4.18E-06	1.78	3.00E-05	0.000495	0.000104	0.00548	0.015
2050-04-01	24	95.1	48.40	10.6	0.109	15.4	0.11	0.0208	0.00895	3.65E-06	0.0186	1.73E-07	0.00253	0.0249	0.00000242	0.000838	4.19E-06	1.77	2.97E-05	0.00049	0.000104	0.00542	0.0151
2050-05-01	24	93.5	47.50	10.4	0.107	15.2	0.108	0.0207	0.0088	3.63E-06	0.0185	1.72E-07	0.00249	0.025	0.00000241	0.000828	4.18E-06	1.75	2.92E-05	0.000482	0.000103	0.00533	0.015
2050-06-01	24	93.5	47.50	10.4	0.107	15.2	0.108	0.0207	0.00879	3.63E-06	0.0185	1.72E-07	0.00248	0.0251	0.00000241	0.000828	4.18E-06	1.75	2.92E-05	0.000482	0.000103	0.00532	0.015
2050-07-01	24	93.8	47.70	10.5	0.108	15.2	0.109	0.0208	0.00882	3.64E-06	0.0186	1.73E-07	0.00249	0.0251	0.00000242	0.00083	4.19E-06	1.75	2.93E-05	0.000483	0.000104	0.00534	0.0151
2050-08-01	24	94	47.80	10.5	0.108	15.2	0.109	0.0208	0.00885	3.65E-06	0.0186	1.73E-07	0.0025	0.0252	0.00000243	0.000833	4.20E-06	1.76	2.94E-05	0.000484	0.000104	0.00535	0.0151
2050-09-01	24	94.3	47.90	10.5	0.108	15.3	0.109	0.0209	0.00887	3.66E-06	0.0187	1.74E-07	0.00251	0.0253	0.00000244	0.000835	4.22E-06	1.76	2.95E-05	0.000486	0.000104	0.00537	0.0151
2050-10-01	24	93.7	47.60	10.5	0.108	15.2	0.109	0.0207	0.00881	3.64E-06	0.0186	1.73E-07	0.00249	0.0251	0.00000242	0.000829	4.19E-06	1.75	2.93E-05	0.000483	0.000104	0.00534	0.015
2050-11-01	24	93.4	47.50	10.4	0.107	15.1	0.108	0.0207	0.00878	3.63E-06	0.0185	1.72E-07	0.00248	0.025	0.00000241	0.000827	4.17E-06	1.75	2.92E-05	0.000481	0.000103	0.00532	0.015
2050-12-01	24	93.2	47.40	10.4	0.107	15.1	0.108	0.0206	0.00877	3.62E-06	0.0185	1.72E-07	0.00248	0.025	0.00000241	0.000825	4.17E-06	1.74	2.91E-05	0.00048	0.000103	0.00531	0.015
2051-01-01	25	93.3	47.40	10.4	0.107	15.1	0.108	0.0206	0.00877	3.62E-06	0.0185	1.72E-07	0.00248	0.025	0.00000241	0.000826	4.17E-06	1.74	2.91E-05	0.00048	0.000103	0.00531	0.015
2051-02-01	25	93.2	47.40	10.4	0.107	15.2	0.108	0.0207	0.00876	3.63E-06	0.0185	1.72E-07	0.00248	0.0251	0.00000241	0.000827	4.17E-06	1.74	2.91E-05	0.00048	0.000103	0.00531	0.015
2051-03-01	25	93.1	47.30	10.4	0.108	15.2	0.109	0.0207	0.00875	3.63E-06	0.0185	1.73E-07	0.00248	0.0252	0.00000242	0.00083	4.18E-06	1.74	2.91E-05	0.00048	0.000103	0.0053	0.015
2051-04-01	25	92.7	47.10	10.3	0.108	15.3	0.11	0.0208	0.0087	3.65E-06	0.0186	1.73E-07	0.00247	0.0254	0.00000242	0.000836	4.19E-06	1.74	2.89E-05	0.000477	0.000104	0.00528	0.0151
2051-05-01	25	91.6	46.60	10.2	0.108	15.3	0.11	0.0207	0.0086	3.63E-06	0.0185	1.72E-07	0.00245	0.0254	0.00000241	0.000835	4.18E-06	1.73	2.86E-05	0.000472	0.000103	0.00522	0.015
2051-06-01	25	91.6	46.50	10.2	0.108	15.3	0.11	0.0207	0.0086	3.63E-06	0.0185	1.72E-07	0.00245	0.0254	0.00000241	0.000835	4.18E-06	1.73	2.86E-05	0.000472	0.000103	0.00521	0.015
2051-07-01	25	91.9	46.70	10.2	0.109	15.4	0.11	0.0208	0.00862	3.64E-06	0.0186	1.73E-07	0.00246	0.0255	0.00000242	0.000838	4.19E-06	1.74	2.87E-05	0.000473	0.000104	0.00523	0.0151
2051-08-01	25	92.1	46.80	10.3	0.109	15.4	0.11	0.0208	0.00865	3.65E-06	0.0186	1.73E											

Pond 3																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2055-03-01	29	99.9	50.70	11.1	0.121	17	0.122	0.0207	0.00937	3.63E-06	0.0186	1.73E-07	0.00272	0.0239	0.00000242	0.000994	0.00000418	1.85	3.11E-05	0.000514	0.000104	0.00568	0.015
2055-04-01	29	100	51.00	11.2	0.121	17.1	0.122	0.0208	0.00941	3.65E-06	0.0186	1.73E-07	0.00273	0.024	0.00000242	0.00101	0.00000419	1.85	3.13E-05	0.000516	0.000104	0.00571	0.0151
2055-05-01	29	99.9	50.80	11.1	0.121	17	0.122	0.0207	0.00938	3.63E-06	0.0186	1.72E-07	0.00272	0.0239	0.00000241	0.00101	0.00000418	1.84	3.11E-05	0.000514	0.000104	0.00569	0.015
2055-06-01	29	99.9	50.80	11.1	0.121	17	0.122	0.0207	0.00938	3.63E-06	0.0186	1.72E-07	0.00272	0.0239	0.00000241	0.00101	0.00000418	1.84	3.11E-05	0.000514	0.000104	0.00569	0.015
2055-07-01	29	100	50.90	11.2	0.121	17.1	0.122	0.0208	0.00941	3.64E-06	0.0186	1.73E-07	0.00273	0.024	0.00000242	0.00101	0.00000419	1.85	3.12E-05	0.000516	0.000104	0.00571	0.0151
2055-08-01	29	100	51.10	11.2	0.121	17.1	0.122	0.0208	0.00944	3.65E-06	0.0187	1.73E-07	0.00274	0.024	0.00000243	0.00101	0.0000042	1.86	3.13E-05	0.000517	0.000104	0.00572	0.0151
2055-09-01	29	101	51.20	11.2	0.122	17.2	0.123	0.0209	0.00947	3.66E-06	0.0187	1.74E-07	0.00275	0.0241	0.00000244	0.00102	0.00000422	1.86	3.14E-05	0.000518	0.000104	0.00574	0.0151
2055-10-01	29	100	50.90	11.2	0.121	17.1	0.122	0.0207	0.0094	3.64E-06	0.0186	1.73E-07	0.00273	0.0239	0.00000242	0.00101	0.00000419	1.85	3.12E-05	0.000515	0.000104	0.0057	0.015
2055-11-01	29	99.8	50.70	11.1	0.12	17	0.122	0.0207	0.00937	3.63E-06	0.0185	1.72E-07	0.00272	0.0239	0.00000241	0.00101	0.00000417	1.84	3.11E-05	0.000513	0.000103	0.00568	0.015
2055-12-01	29	99.6	50.60	11.1	0.12	17	0.121	0.0206	0.00936	3.62E-06	0.0185	1.72E-07	0.00272	0.0238	0.00000241	0.001	0.00000417	1.84	3.11E-05	0.000512	0.000103	0.00567	0.015
2056-01-01	30	99.7	50.60	11.1	0.12	17	0.121	0.0206	0.00936	3.62E-06	0.0185	1.72E-07	0.00272	0.0238	0.00000241	0.00101	0.00000417	1.84	3.11E-05	0.000513	0.000103	0.00567	0.015
2056-02-01	30	99.8	50.70	11.1	0.12	17	0.121	0.0207	0.00937	3.63E-06	0.0185	1.72E-07	0.00272	0.0238	0.00000241	0.001	0.00000417	1.84	3.11E-05	0.000513	0.000103	0.00568	0.015
2056-03-01	30	100	50.80	11.1	0.12	16.9	0.121	0.0207	0.0094	3.63E-06	0.0186	1.73E-07	0.00272	0.0239	0.00000242	0.001	0.00000418	1.84	3.12E-05	0.000514	0.000104	0.00569	0.015
2056-04-01	30	100	51.00	11.2	0.119	16.8	0.12	0.0208	0.00945	3.65E-06	0.0186	1.73E-07	0.00273	0.024	0.00000242	0.001	0.00000419	1.85	3.13E-05	0.000516	0.000104	0.00572	0.0151
2056-05-01	30	100	50.80	11.2	0.117	16.6	0.119	0.0207	0.00943	3.63E-06	0.0186	1.72E-07	0.00271	0.0239	0.00000241	0.000992	0.00000418	1.83	3.12E-05	0.000515	0.000104	0.0057	0.015
2056-06-01	30	100	50.80	11.2	0.117	16.6	0.118	0.0207	0.00943	3.63E-06	0.0186	1.72E-07	0.00271	0.0239	0.00000241	0.000991	0.00000418	1.83	3.12E-05	0.000515	0.000104	0.0057	0.015
2056-07-01	30	100	51.00	11.2	0.118	16.6	0.119	0.0208	0.00946	3.64E-06	0.0186	1.73E-07	0.00272	0.0239	0.00000242	0.000995	0.00000419	1.84	3.13E-05	0.000516	0.000104	0.00572	0.0151
2056-08-01	30	101	51.10	11.2	0.118	16.7	0.119	0.0208	0.00948	3.65E-06	0.0187	1.73E-07	0.00273	0.024	0.00000243	0.000997	0.0000042	1.85	3.14E-05	0.000518	0.000104	0.00573	0.0151
2056-09-01	30	101	51.30	11.3	0.118	16.7	0.12	0.0209	0.00951	3.66E-06	0.0187	1.74E-07	0.00274	0.0241	0.00000244	0.001	0.00000422	1.85	3.15E-05	0.000519	0.000104	0.00575	0.0151
2056-10-01	30	100	50.90	11.2	0.118	16.6	0.119	0.0207	0.00945	3.64E-06	0.0186	1.73E-07	0.00272	0.0239	0.00000242	0.000994	0.00000419	1.84	3.13E-05	0.000516	0.000104	0.00571	0.015
2056-11-01	30	99.9	50.80	11.2	0.117	16.6	0.118	0.0207	0.00942	3.63E-06	0.0185	1.72E-07	0.00271	0.0238	0.00000241	0.00099	0.00000417	1.83	3.11E-05	0.000514	0.000103	0.00569	0.015
2056-12-01	30	99.7	50.70	11.1	0.117	16.5	0.118	0.0206	0.0094	3.62E-06	0.0185	1.72E-07	0.00271	0.0238	0.00000241	0.000988	4.17E-06	1.83	3.11E-05	0.000513	0.000103	0.00568	0.015
2057-01-01	31	99.8	50.70	11.2	0.117	16.5	0.118	0.0206	0.0094	3.62E-06	0.0185	1.72E-07	0.00271	0.0238	0.00000241	0.000989	4.17E-06	1.83	3.11E-05	0.000513	0.000103	0.00569	0.015
2057-02-01	31	99.6	50.60	11.1	0.116	16.4	0.117	0.0207	0.00939	3.63E-06	0.0185	1.72E-07	0.0027	0.0239	0.00000241	0.000987	4.17E-06	1.83	3.11E-05	0.000513	0.000103	0.00568	0.015
2057-03-01	31	99.5	50.60	11.1	0.115	16.3	0.116	0.0207	0.00938	3.63E-06	0.0186	1.73E-07	0.0027	0.024	0.00000242	0.000986	4.18E-06	1.83	3.10E-05	0.000512	0.000104	0.00567	0.015
2057-04-01	31	98.8	50.20	11	0.111	15.7	0.112	0.0208	0.00931	3.65E-06	0.0186	1.73E-07	0.00268	0.0242	0.00000242	0.000979	4.19E-06	1.82	3.08E-05	0.000509	0.000104	0.00563	0.0151
2057-05-01	31	97.4	49.50	10.9	0.107	15.1	0.108	0.0207	0.00918	3.63E-06	0.0185												

Pond 3																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2060-12-01	34	70.8	36.00	7.91	0.0748	10.6	0.0758	0.0206	0.00667	3.62E-06	0.0184	1.72E-07	0.00193	0.0308	0.00000241	0.000702	4.17E-06	1.46	2.23E-05	0.000366	0.000103	0.00404	0.015
2061-01-01	35	70.8	36.00	7.91	0.0748	10.6	0.0759	0.0206	0.00667	3.62E-06	0.0184	1.72E-07	0.00193	0.0308	0.00000241	0.000702	4.17E-06	1.46	2.23E-05	0.000366	0.000103	0.00405	0.015
2061-02-01	35	70.1	35.70	7.84	0.0739	10.4	0.075	0.0207	0.00661	3.63E-06	0.0184	1.72E-07	0.00191	0.0311	0.00000241	0.000695	4.17E-06	1.45	2.21E-05	0.000363	0.000103	0.00401	0.015
2061-03-01	35	69.1	35.20	7.73	0.0727	10.3	0.0738	0.0207	0.00652	3.63E-06	0.0184	1.73E-07	0.00188	0.0316	0.00000242	0.000685	4.18E-06	1.44	2.18E-05	0.000358	0.000103	0.00395	0.015
2061-04-01	35	65.9	33.50	7.36	0.0688	9.72	0.0699	0.0208	0.00621	3.65E-06	0.0185	1.73E-07	0.00179	0.033	0.00000242	0.000653	4.19E-06	1.4	2.08E-05	0.000341	0.000103	0.00377	0.0151
2061-05-01	35	62.4	31.70	6.97	0.0646	9.13	0.0657	0.0207	0.00588	3.63E-06	0.0184	1.72E-07	0.0017	0.0341	0.00000241	0.000618	4.18E-06	1.36	1.97E-05	0.000323	0.000103	0.00357	0.015
2061-06-01	35	62.2	31.60	6.95	0.0644	9.1	0.0655	0.0207	0.00586	3.63E-06	0.0184	1.72E-07	0.00169	0.0342	0.00000241	0.000616	4.18E-06	1.35	1.97E-05	0.000322	0.000103	0.00356	0.015
2061-07-01	35	62.4	31.70	6.97	0.0646	9.13	0.0657	0.0208	0.00588	3.64E-06	0.0184	1.73E-07	0.0017	0.0343	0.00000242	0.000618	4.19E-06	1.36	1.97E-05	0.000323	0.000103	0.00357	0.0151
2061-08-01	35	62.6	31.80	6.99	0.0648	9.15	0.0658	0.0208	0.0059	3.65E-06	0.0185	1.73E-07	0.0017	0.0344	0.00000243	0.00062	4.20E-06	1.36	1.98E-05	0.000324	0.000103	0.00358	0.0151
2061-09-01	35	62.8	31.90	7.01	0.065	9.18	0.066	0.0209	0.00591	3.66E-06	0.0185	1.74E-07	0.00171	0.0345	0.00000244	0.000622	4.22E-06	1.37	1.98E-05	0.000325	0.000104	0.00359	0.0151
2061-10-01	35	62.4	31.70	6.97	0.0645	9.12	0.0656	0.0207	0.00588	3.64E-06	0.0184	1.73E-07	0.0017	0.0343	0.00000242	0.000618	4.19E-06	1.36	1.97E-05	0.000323	0.000103	0.00357	0.015
2061-11-01	35	62.2	31.60	6.94	0.0643	9.08	0.0654	0.0207	0.00586	3.63E-06	0.0184	1.72E-07	0.00169	0.0342	0.00000241	0.000616	4.17E-06	1.35	1.96E-05	0.000322	0.000103	0.00355	0.015
2061-12-01	35	62	31.60	6.93	0.0642	9.07	0.0653	0.0206	0.00585	3.62E-06	0.0183	1.72E-07	0.00169	0.0341	0.00000241	0.000615	4.17E-06	1.35	1.96E-05	0.000321	0.000103	0.00355	0.015
2062-01-01	36	62.1	31.60	6.93	0.0642	9.07	0.0653	0.0206	0.00585	3.62E-06	0.0183	1.72E-07	0.00169	0.0341	0.00000241	0.000615	4.17E-06	1.35	1.96E-05	0.000321	0.000103	0.00355	0.015
2062-02-01	36	61.4	31.20	6.85	0.0633	8.95	0.0644	0.0207	0.00578	3.63E-06	0.0183	1.72E-07	0.00167	0.0345	0.00000241	0.000608	4.17E-06	1.34	1.94E-05	0.000318	0.000103	0.00351	0.015
2062-03-01	36	60.4	30.70	6.74	0.0621	8.78	0.0632	0.0207	0.00569	3.63E-06	0.0184	1.73E-07	0.00164	0.0352	0.00000242	0.000598	4.18E-06	1.33	1.91E-05	0.000313	0.000103	0.00345	0.015
2062-04-01	36	57.1	29.00	6.38	0.0581	8.21	0.0592	0.0208	0.00538	3.65E-06	0.0184	1.73E-07	0.00155	0.0371	0.00000242	0.000565	4.19E-06	1.29	1.81E-05	0.000296	0.000103	0.00327	0.0151
2062-05-01	36	53.6	27.30	5.99	0.054	7.63	0.0551	0.0207	0.00505	3.63E-06	0.0183	1.72E-07	0.00146	0.0386	0.00000241	0.000531	4.18E-06	1.25	1.70E-05	0.000278	0.000103	0.00307	0.015
2062-06-01	36	53.4	27.20	5.97	0.0538	7.6	0.0549	0.0207	0.00503	3.63E-06	0.0183	1.72E-07	0.00146	0.0387	0.00000241	0.000529	4.18E-06	1.24	1.70E-05	0.000278	0.000103	0.00306	0.015
2062-07-01	36	53.6	27.30	5.99	0.054	7.62	0.055	0.0208	0.00505	3.64E-06	0.0184	1.73E-07	0.00146	0.0388	0.00000242	0.000531	4.19E-06	1.25	1.70E-05	0.000278	0.000103	0.00307	0.015
2062-08-01	36	53.8	27.30	6	0.0541	7.64	0.0552	0.0208	0.00506	3.65E-06	0.0184	1.73E-07	0.00147	0.0389	0.00000243	0.000532	4.20E-06	1.25	1.71E-05	0.000279	0.000103	0.00308	0.0151
2062-09-01	36	53.9	27.40	6.02	0.0543	7.67	0.0554	0.0209	0.00508	3.66E-06	0.0185	1.74E-07	0.00147	0.039	0.00000244	0.000534	4.22E-06	1.25	1.71E-05	0.00028	0.000104	0.00309	0.0151
2062-10-01	36	53.6	27.20	5.98	0.0539	7.62	0.055	0.0207	0.00505	3.64E-06	0.0184	1.73E-07	0.00146	0.0387	0.00000242	0.00053	4.19E-06	1.25	1.70E-05	0.000278	0.000103	0.00307	0.015
2062-11-01	36	53.4	27.20	5.96	0.0537	7.59	0.0548	0.0207	0.00503	3.63E-06	0.0183	1.72E-07	0.00146	0.0386	0.00000241	0.000529	4.17E-06	1.24	1.70E-05	0.000277	0.000103	0.00306	0.015
2062-12-01	36	53.3	27.10	5.95	0.0536	7.58	0.0547	0.0206	0.00502	3.62E-06	0.0183	1.72E-07	0.00145	0.0385	0.00000241	0.000528	4.17E-06	1.24	1.69E-05	0.000277	0.000102	0.00305	0.015
2063-01-01	37	53.3	27.10	5.95	0.0536	7.58	0.0547	0.0206	0.00502	3.62E-06	0.0183	1.72E-07	0.00145	0.0386	0.00000241	0.000528	4.17E-06	1.24	1.69E-05	0.000277	0.000102	0.00305	0.015
2063-02-01	37	52.6	26.70	5.87	0.0528	7																	

Pond 3																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2066-09-01	40	51.2	26.10	5.7	0.00758	1.07	0.0109	0.0138	0.00481	2.85E-06	0.0162	1.15E-07	0.00143	0.0194	0.00000161	0.000506	4.52E-06	1.02	1.78E-05	0.000277	0.000157	0.003	0.0424
2066-10-01	40	51.1	26.10	5.69	0.00757	1.07	0.0109	0.0138	0.0048	2.85E-06	0.0161	1.15E-07	0.00142	0.0193	0.0000016	0.000505	4.51E-06	1.02	1.77E-05	0.000277	0.000157	0.003	0.0424
2066-11-01	40	51	26.00	5.69	0.00755	1.07	0.0109	0.0137	0.00479	2.84E-06	0.0161	1.14E-07	0.00142	0.0193	0.0000016	0.000504	4.51E-06	1.02	1.77E-05	0.000276	0.000157	0.00299	0.0423
2066-12-01	40	51	26.00	5.68	0.00755	1.07	0.0109	0.0137	0.00479	2.84E-06	0.0161	1.14E-07	0.00142	0.0193	0.0000016	0.000504	4.50E-06	1.02	1.77E-05	0.000276	0.000157	0.00299	0.0423
2067-01-01	41	51	26.00	5.68	0.00755	1.07	0.0109	0.0137	0.00479	2.84E-06	0.0161	1.14E-07	0.00142	0.0193	0.0000016	0.000504	4.50E-06	1.02	1.77E-05	0.000276	0.000157	0.00299	0.0423
2067-02-01	41	50.3	25.60	5.6	0.00734	1.04	0.0106	0.0137	0.00472	2.84E-06	0.0161	1.14E-07	0.0014	0.0197	0.0000016	0.000497	4.51E-06	1.01	1.75E-05	0.000272	0.000157	0.00295	0.0423
2067-03-01	41	49.1	25.10	5.47	0.00701	0.99	0.0103	0.0137	0.00461	2.84E-06	0.0161	1.14E-07	0.00137	0.0203	0.0000016	0.000485	4.51E-06	0.996	1.71E-05	0.000267	0.000157	0.00288	0.0423
2067-04-01	41	44.2	22.60	4.93	0.0056	0.792	0.00891	0.0137	0.00415	2.85E-06	0.0161	1.15E-07	0.00124	0.0231	0.0000016	0.000437	4.51E-06	0.935	1.56E-05	0.000242	0.000157	0.00261	0.0423
2067-05-01	41	31.7	16.20	3.53	0.00201	0.285	0.00532	0.0137	0.00297	2.84E-06	0.016	1.14E-07	0.000901	0.03	0.0000016	0.000313	4.51E-06	0.776	1.18E-05	0.000178	0.000157	0.0019	0.0423
2067-06-01	41	27.2	13.90	3.02	0.000722	0.102	0.00403	0.0137	0.00255	2.84E-06	0.016	1.14E-07	0.000779	0.0324	0.0000016	0.000268	4.51E-06	0.719	1.05E-05	0.000155	0.000156	0.00164	0.0423
2067-07-01	41	26.7	13.70	2.96	0.000557	0.0787	0.00387	0.0137	0.0025	2.85E-06	0.016	1.15E-07	0.000764	0.0328	0.0000016	0.000263	4.51E-06	0.712	1.03E-05	0.000152	0.000157	0.00161	0.0423
2067-08-01	41	26.6	13.60	2.95	0.000529	0.0747	0.00384	0.0138	0.00249	2.85E-06	0.016	1.15E-07	0.000763	0.0329	0.00000161	0.000262	4.52E-06	0.711	1.03E-05	0.000152	0.000157	0.00161	0.0424
2067-09-01	41	26.6	13.60	2.95	0.000524	0.074	0.00384	0.0138	0.00249	2.85E-06	0.016	1.15E-07	0.000763	0.0329	0.00000161	0.000262	4.52E-06	0.712	1.03E-05	0.000152	0.000157	0.00161	0.0424
2067-10-01	41	26.6	13.60	2.95	0.000521	0.0736	0.00383	0.0138	0.00249	2.85E-06	0.016	1.15E-07	0.000761	0.0329	0.0000016	0.000261	4.51E-06	0.711	1.03E-05	0.000152	0.000157	0.00161	0.0423
2067-11-01	41	26.5	13.60	2.94	0.00052	0.0734	0.00383	0.0137	0.00248	2.84E-06	0.016	1.14E-07	0.00076	0.0328	0.0000016	0.000261	4.51E-06	0.71	1.02E-05	0.000151	0.000156	0.0016	0.0423
2067-12-01	41	26.5	13.60	2.94	0.000519	0.0733	0.00382	0.0137	0.00248	2.84E-06	0.016	1.14E-07	0.00076	0.0328	0.0000016	0.000261	4.50E-06	0.709	1.02E-05	0.000151	0.000156	0.0016	0.0423
2068-01-01	42	26.5	13.60	2.94	0.000519	0.0733	0.00382	0.0137	0.00248	2.84E-06	0.016	1.14E-07	0.00076	0.0328	0.0000016	0.000261	4.50E-06	0.709	1.02E-05	0.000151	0.000156	0.0016	0.0423

Pond 3																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
Pond 3 Statistics (Year 4 to Year 42)																						
Minimum		0.0814	0.00113	24.7	0.00357	0.00085	0.0598	0.0667	0.00294	0.000211	0.000216	0.000206	0.06	0.0179	0.000166	0.00000131	0.00174	0.000208	0.000378	0.000173	0.00463	0.0192
P10		0.116	0.00137	35.5	0.005904	0.00154	0.0598	0.09466	0.005338	0.0003782	0.000313	0.0003822	0.0603	0.03306	0.0002996	0.00000177	0.003062	0.000362	0.0006322	0.000218	0.008298	0.0289
Median		0.176	0.00186	56.7	0.0107	0.00318	0.06	0.143	0.011	0.000761	0.000314	0.000792	0.0607	0.0688	0.000615	0.00000178	0.00631	0.000687	0.00107	0.000309	0.0168	0.029
P90		0.206	0.00197	64.4	0.0127	0.00385	0.0605	0.166	0.0133	0.000918	0.000316	0.000946	0.0613	0.08264	0.000741	0.00000179	0.00763	0.000847	0.00127	0.000331	0.0203	0.0291
Maximum		0.209	0.00328	65.1	0.0129	0.00389	0.183	0.169	0.0135	0.000929	0.000316	0.000965	0.184	0.0841	0.000751	0.00000179	0.00775	0.000862	0.00129	0.000495	0.0206	0.0292
Monthly Results																						
2027-01-01	1	0.075	0.00194	22.7	0.00331	0.000477	0.121	0.0617	0.00168	0.00013	0.000277	0.000123	0.121	0.0102	9.47E-05	1.61E-06	0.000947	0.000145	0.0004	0.000284	0.00276	0.0252
2027-02-01	1	0.0751	0.00191	22.8	0.0033	0.000488	0.119	0.0618	0.00171	0.000132	0.000277	0.000126	0.119	0.0105	9.66E-05	1.61E-06	0.000967	0.000146	0.000398	0.00028	0.00281	0.0252
2027-03-01	1	0.0752	0.00186	23.1	0.0033	0.000504	0.115	0.0618	0.00177	0.000135	0.000277	0.000129	0.115	0.0108	9.95E-05	1.61E-06	0.000998	0.000148	0.000396	0.000274	0.00289	0.0253
2027-04-01	1	0.0755	0.0017	23.8	0.00327	0.000559	0.103	0.0619	0.00196	0.000146	0.000277	0.000143	0.103	0.012	0.00011	1.60E-06	0.0011	0.000153	0.000387	0.000251	0.00315	0.0254
2027-05-01	1	0.0751	0.00146	24.5	0.0032	0.000627	0.0861	0.0615	0.0022	0.00016	0.000275	0.00016	0.0862	0.0136	0.000122	1.58E-06	0.00124	0.000158	0.000371	0.000217	0.00348	0.0252
2027-06-01	1	0.0751	0.00144	24.5	0.00319	0.000635	0.0843	0.0615	0.00223	0.000162	0.000274	0.000162	0.0844	0.0138	0.000124	1.57E-06	0.00125	0.000159	0.00037	0.000214	0.00351	0.0252
2027-07-01	1	0.0754	0.00144	24.6	0.00321	0.000638	0.0846	0.0618	0.00224	0.000163	0.000276	0.000163	0.0847	0.0138	0.000124	1.58E-06	0.00126	0.00016	0.000371	0.000215	0.00353	0.0253
2027-08-01	1	0.0757	0.00145	24.7	0.00322	0.000641	0.0849	0.062	0.00224	0.000163	0.000277	0.000163	0.085	0.0139	0.000125	1.59E-06	0.00126	0.00016	0.000373	0.000216	0.00354	0.0254
2027-09-01	1	0.076	0.00145	24.8	0.00323	0.000643	0.0852	0.0622	0.00225	0.000164	0.000278	0.000164	0.0854	0.0139	0.000125	1.59E-06	0.00127	0.000161	0.000374	0.000216	0.00356	0.0255
2027-10-01	1	0.0754	0.00144	24.6	0.00321	0.000638	0.0845	0.0617	0.00223	0.000162	0.000275	0.000163	0.0847	0.0138	0.000124	1.58E-06	0.00126	0.000159	0.000371	0.000215	0.00353	0.0253
2027-11-01	1	0.075	0.00143	24.5	0.00319	0.000635	0.0841	0.0614	0.00222	0.000162	0.000274	0.000162	0.0842	0.0137	0.000123	1.57E-06	0.00125	0.000159	0.000369	0.000214	0.00351	0.0252
2027-12-01	1	0.0748	0.00143	24.5	0.00318	0.000633	0.0839	0.0613	0.00222	0.000161	0.000273	0.000161	0.084	0.0137	0.000123	1.57E-06	0.00125	0.000158	0.000368	0.000213	0.0035	0.0251
2028-01-01	2	0.0749	0.00143	24.5	0.00318	0.000633	0.0839	0.0613	0.00222	0.000161	0.000273	0.000161	0.0841	0.0137	0.000123	1.57E-06	0.00125	0.000158	0.000368	0.000213	0.0035	0.0251
2028-02-01	2	0.0764	0.0014	24.7	0.00316	0.000633	0.0819	0.0624	0.00221	0.000161	0.000277	0.000161	0.082	0.0137	0.000123	1.59E-06	0.00125	0.000159	0.000364	0.000209	0.0035	0.0255
2028-03-01	2	0.0788	0.00136	25	0.00312	0.000632	0.079	0.064	0.00221	0.000161	0.000283	0.00016	0.0791	0.0136	0.000123	1.62E-06	0.00125	0.000159	0.000357	0.000202	0.00349	0.026
2028-04-01	2	0.0859	0.00122	26.1	0.003	0.000629	0.0696	0.0689	0.00219	0.000159	0.000299	0.000157	0.0698	0.0134	0.000123	1.71E-06	0.00126	0.00016	0.000335	0.000182	0.00346	0.0276
2028-05-01	2	0.0919	0.00108	26.9	0.00286	0.000621	0.0605	0.073	0.00215	0.000156	0.000313	0.000153	0.0606	0.0132	0.000122	1.77E-06	0.00125	0.000159	0.000313	0.000162	0.00341	0.0289
2028-06-01	2	0.0922	0.00107	26.9	0.00286	0.000621	0.06	0.0732	0.00215	0.000156	0.000314	0.000153	0.0601	0.0132	0.000122	1.78E-06	0.00125	0.000159	0.000312	0.000161	0.0034	0.029
2028-07-01	2	0.0925	0.00107	27	0.00287	0.000623	0.0602	0.0734	0.00216	0.000156	0.000315	0.000153	0.0603	0.0132	0.000122	1.78E-06	0.00126	0.00016	0.000313	0.000162	0.00342	0.0291
2028-08-01	2	0.0928	0.00108	27.1	0.00287	0.000625	0.0603	0.0736	0.00216	0.000157	0.000316	0.000154	0.0605	0.0132	0.000122	1.79E-06	0.00126	0.00016	0.000313	0.000162	0.00342	0.0291
2028-09-01	2	0.0931	0.00108	27.2	0.00288	0.000627	0.0605	0.0739	0.00217	0.000157	0.000316	0.000154	0.0607	0.0133	0.000123	1.79E-06	0.00126	0.00016	0.000314	0.000163	0.00343	0.0292
2028-10-01	2	0.0924	0.00107	27	0.00286	0.000622	0.0601	0.0734	0.00216	0.000156	0.000314	0.000153	0.0603	0.0132	0.000122	1.78E-06	0.00126	0.000159	0.000312	0.000162	0.00341	0.029
2028-11-01	2	0.0921	0.00107	26.9	0.00285	0.00062	0.0599	0.0731	0.00215	0.000156	0.000313	0.000153	0.06	0.0132	0.000122	1.78E-06	0.00125	0.000159	0.000311	0.000161	0.0034	0.0289
2028-12-01	2	0.092	0.00107	26.9	0.00285	0.000619	0.0598	0.073	0.00215	0.000156	0.000313	0.000152	0.0599	0.0131	0.000121	1.77E-06	0.00125	0.000159	0.000311	0.000161	0.00339	0.0289
2029-01-01	3	0.092	0.00107	26.9	0.00285	0.000619	0.0598	0.073	0.00215	0.000156	0.000313</											

Pond 3																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2032-03-01	6	0.129	0.00135	38.8	0.00596	0.00164	0.06	0.101	0.00567	0.000398	0.000314	0.000401	0.0603	0.0349	0.000317	1.78E-06	0.0033	0.00037	0.000613	0.000215	0.00876	0.029
2032-04-01	6	0.13	0.00138	40	0.00622	0.00173	0.0602	0.103	0.006	0.000419	0.000315	0.000425	0.0606	0.037	0.000334	1.79E-06	0.00347	0.000386	0.000642	0.00022	0.00924	0.0291
2032-05-01	6	0.13	0.0014	40.7	0.00641	0.0018	0.06	0.104	0.00625	0.000436	0.000314	0.000445	0.0603	0.0387	0.000347	1.78E-06	0.0036	0.000397	0.000664	0.000223	0.00961	0.029
2032-06-01	6	0.13	0.0014	40.8	0.00643	0.00181	0.06	0.104	0.00627	0.000437	0.000314	0.000446	0.0604	0.0388	0.000348	1.78E-06	0.00361	0.000398	0.000665	0.000224	0.00964	0.029
2032-07-01	6	0.13	0.0014	40.9	0.00645	0.00182	0.0602	0.104	0.00629	0.000438	0.000315	0.000447	0.0605	0.0389	0.000349	1.78E-06	0.00362	0.0004	0.000667	0.000224	0.00967	0.0291
2032-08-01	6	0.131	0.0014	41	0.00646	0.00182	0.0603	0.105	0.00631	0.000439	0.000316	0.000449	0.0607	0.039	0.00035	1.79E-06	0.00363	0.000401	0.000669	0.000225	0.00969	0.0291
2032-09-01	6	0.131	0.00141	41.1	0.00648	0.00183	0.0605	0.105	0.00633	0.000441	0.000316	0.00045	0.0609	0.0391	0.000351	1.79E-06	0.00364	0.000402	0.000671	0.000226	0.00972	0.0292
2032-10-01	6	0.13	0.0014	40.9	0.00644	0.00181	0.0601	0.104	0.00628	0.000438	0.000314	0.000447	0.0605	0.0389	0.000349	1.78E-06	0.00362	0.000399	0.000667	0.000224	0.00966	0.029
2032-11-01	6	0.13	0.00139	40.7	0.00642	0.00181	0.0599	0.104	0.00626	0.000436	0.000313	0.000445	0.0603	0.0387	0.000348	1.78E-06	0.0036	0.000398	0.000665	0.000223	0.00963	0.0289
2032-12-01	6	0.13	0.00139	40.6	0.00641	0.0018	0.0598	0.104	0.00625	0.000436	0.000313	0.000445	0.0602	0.0387	0.000347	1.77E-06	0.0036	0.000397	0.000663	0.000223	0.00961	0.0289
2033-01-01	7	0.13	0.00139	40.7	0.00641	0.0018	0.0598	0.104	0.00625	0.000436	0.000313	0.000445	0.0602	0.0387	0.000347	1.77E-06	0.0036	0.000397	0.000664	0.000223	0.00961	0.0289
2033-02-01	7	0.13	0.0014	40.8	0.00645	0.00182	0.0599	0.104	0.00629	0.000438	0.000313	0.000447	0.0603	0.0389	0.000349	1.78E-06	0.00362	0.0004	0.000667	0.000224	0.00967	0.0289
2033-03-01	7	0.131	0.0014	41	0.0065	0.00183	0.06	0.105	0.00634	0.000442	0.000314	0.000451	0.0604	0.0393	0.000353	1.78E-06	0.00365	0.000404	0.000672	0.000225	0.00975	0.029
2033-04-01	7	0.134	0.00142	41.7	0.00667	0.00188	0.0602	0.107	0.00651	0.000454	0.000315	0.000463	0.0606	0.0403	0.000362	1.79E-06	0.00375	0.000417	0.000686	0.000228	0.01	0.0291
2033-05-01	7	0.135	0.00142	41.9	0.00676	0.00191	0.06	0.108	0.0066	0.00046	0.000314	0.000469	0.0604	0.0409	0.000368	1.78E-06	0.00381	0.000425	0.000694	0.000229	0.0102	0.029
2033-06-01	7	0.135	0.00143	41.9	0.00677	0.00191	0.06	0.108	0.00661	0.000461	0.000314	0.00047	0.0604	0.0409	0.000368	1.78E-06	0.00381	0.000426	0.000695	0.000229	0.0102	0.029
2033-07-01	7	0.136	0.00143	42.1	0.00679	0.00192	0.0602	0.109	0.00663	0.000462	0.000315	0.000471	0.0606	0.041	0.00037	1.78E-06	0.00383	0.000427	0.000697	0.00023	0.0102	0.0291
2033-08-01	7	0.136	0.00143	42.2	0.00681	0.00192	0.0603	0.109	0.00665	0.000464	0.000316	0.000472	0.0607	0.0411	0.000371	1.79E-06	0.00384	0.000428	0.000699	0.00023	0.0102	0.0291
2033-09-01	7	0.136	0.00144	42.3	0.00683	0.00193	0.0605	0.109	0.00667	0.000465	0.000316	0.000474	0.0609	0.0413	0.000372	1.79E-06	0.00385	0.000429	0.000701	0.000231	0.0103	0.0292
2033-10-01	7	0.135	0.00143	42	0.00678	0.00192	0.0601	0.109	0.00662	0.000462	0.000314	0.000471	0.0605	0.041	0.000369	1.78E-06	0.00382	0.000426	0.000696	0.000229	0.0102	0.029
2033-11-01	7	0.135	0.00142	41.9	0.00676	0.00191	0.0599	0.108	0.0066	0.00046	0.000313	0.000469	0.0603	0.0409	0.000368	1.78E-06	0.00381	0.000425	0.000694	0.000229	0.0102	0.0289
2033-12-01	7	0.135	0.00142	41.8	0.00675	0.00191	0.0598	0.108	0.00659	0.00046	0.000313	0.000468	0.0602	0.0408	0.000367	1.77E-06	0.0038	0.000424	0.000693	0.000228	0.0101	0.0289
2034-01-01	8	0.135	0.00142	41.8	0.00675	0.00191	0.0598	0.108	0.00659	0.00046	0.000313	0.000468	0.0602	0.0408	0.000368	1.77E-06	0.0038	0.000424	0.000693	0.000228	0.0101	0.0289
2034-02-01	8	0.135	0.00143	42	0.00678	0.00192	0.0599	0.108	0.00663	0.000462	0.000313	0.000471	0.0603	0.0411	0.00037	1.78E-06	0.00382	0.000426	0.000696	0.000229	0.0102	0.0289
2034-03-01	8	0.135	0.00143	42.2	0.00683	0.00193	0.06	0.109	0.00669	0.000466	0.000314	0.000476	0.0604	0.0414	0.000373	1.78E-06	0.00385	0.000429	0.000702	0.00023	0.0103	0.029
2034-04-01	8	0.136	0.00145	42.8	0.00696	0.00198	0.0602	0.109	0.00686	0.000478	0.000315	0.000489	0.0606	0.0426	0.000382	1.79E-06	0.00394	0.000436	0.000717	0.000233	0.0105	0.0291
2034-05-01	8	0.136	0.00145	43.1	0.00703	0.00201	0.06	0.109	0.00697	0.000484	0.000314	0.000497	0.0604	0.0433	0.000387	1.78E-06	0.00399	0.00044	0.000726	0.000234	0.0107	0.029
2034-06-01	8	0.136	0.00145	43.1	0.00704	0.00201	0.06	0.11	0.00698	0.000485	0.000314	0.000498	0.0604	0.0433	0.000387	1.78E-06	0.004	0.00044	0.000726	0.000234	0.0107	0.029
2034-07-01	8	0.136	0.00146	43.3	0.00706	0.00202	0.0602	0.11	0.007	0.000486	0.000315	0.000499	0.0606	0.0434	0.000388	1.78E-06	0.00401	0.000441	0.000729	0.000235	0.0107	0.0291
2034-08-01	8	0.137	0.00146	43.4	0.00708	0.00203	0.0603	0.11	0.00702	0.000487	0.000316	0.000501	0.0607	0.0436	0.000389	1.79E-06	0.00402	0.000442	0.000731	0.000236	0.0108	0.0291
2034-09-01	8	0.137	0.00147	43.5	0.0071	0.00203	0.0605	0.11	0.00704	0.000489	0.000316	0.000502	0.0609	0.0437	0.000391	1.79E-06	0.00403	0.000444	0.000733	0.000236	0.0108	0.0292
2034-10-01	8	0.136	0.00146	43.2	0.00705	0.00202	0.0601	0.11	0.00699	0.000486	0.000314	0.000499	0.0605	0.0434	0.000388	1.78E-06	0.00401	0.000441	0.000728	0.000235	0.0107	0.029
2034-11-01	8	0.136	0.00145	43.1	0.00703	0.00201	0.0599	0.109	0.00697	0.000484	0.000313	0.000497	0.0603	0.0432	0.000387	1.78E-06	0.00399	0.000439	0.000726	0.000234	0.0107	0.0289
2034-12-01	8	0.135	0.00145	43	0.00702	0.00201	0.0598	0.109	0.00695	0.000483	0.000313	0.000496	0.0602	0.0432	0.000386	1.77E-06	0.00399	0.000439	0.000724	0.000234	0.0107	0.0289
2035-01-01	9	0.135	0.00145	43	0.00702	0.00201	0.0598	0.109	0.00696	0.000483	0.000313	0.000496	0.0602	0.0432	0.000386	1.77E-06	0.00399	0.000439	0.000725	0.000234	0.0107	0.0289
2035-02-01	9	0.136	0.00146	43.3	0.00709	0.00203	0.0599	0.11	0.00704	0.000489	0.000313	0.000503	0.0603	0.0437	0.000391	1.78E-06	0.00403	0.000443	0.000732	0.000235	0.0108	0.0289
2035-03-01	9	0.137	0.00147	43.8	0.00719	0.00207	0.06	0.11	0.00717	0.000497	0.000314	0.000512	0.0604	0.0445	0.000397	1.78E-06	0.0041	0.000449	0.000743	0.000237	0.011	0.029
2035-04-01	9	0.139	0.0015	45.1	0.0075	0.00218	0.0602	0.113	0.00756	0.000523	0.000315	0.00054	0.0607	0.047	0.000418	1.79E-06	0.00431	0.000467	0.000777	0.000243	0.0116	0.0291
2035-05-01	9	0.14	0.00152	46	0.00771	0.00226	0.06	0.114	0.00784	0.000542	0.000314	0.000561	0.0604	0.0488	0.000433	1.78E-06	0.00446	0.00048	0.000801	0.000247	0.012	0.029
2035-06-01	9	0.141	0.00152	46	0.00773	0.00226	0.06	0.114	0.00786	0.000543	0.000314	0.000563	0.0604	0.0489	0.000434	1.78E-06	0.00447	0.000481	0.000802	0.000247	0.012	0.029
2035-07-01	9	0.141	0.00153	46.2	0.00775	0.00227	0.0602	0.114	0.00788	0.000545	0.000315	0.000564	0.0606	0.049	0.000435	1.78E-06	0.00449	0.000483	0.000805	0.000248	0.012	0.0291
2035-08-01	9	0.141	0.00153	46.3	0.00777	0.00228	0.0603	0.114	0.0079	0.000546	0.000316	0.000566	0.0608	0.0492	0.000436	1.79E-06	0.0045	0.000484	0.000807	0.000249	0.0121	0.0291
2035-09-01	9	0.142	0.00153	46.4	0.0078	0.00228	0.0605	0.115	0.00793	0.000548	0.000316	0.000568	0.061	0.0493	0.000438	1.79E-06	0.00451	0.000485	0.000809	0.000249	0.0121	0.0292
2035-10-01	9	0.141	0.00152	46.1	0.00775	0.00227	0.0601	0.114	0.00787	0.000544	0.000314	0.000564										

Pond 3																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2037-12-01	11	0.148	0.0016	49.5	0.00864	0.00258	0.0598	0.121	0.00894	0.000616	0.000313	0.000644	0.0603	0.0559	0.000494	1.77E-06	0.00505	0.000543	0.000896	0.000263	0.0136	0.0289
2038-01-01	12	0.148	0.0016	49.6	0.00865	0.00258	0.0598	0.121	0.00895	0.000616	0.000313	0.000644	0.0603	0.0559	0.000494	1.77E-06	0.00506	0.000543	0.000896	0.000263	0.0136	0.0289
2038-02-01	12	0.148	0.00161	49.7	0.00868	0.00259	0.0599	0.121	0.00899	0.000619	0.000313	0.000647	0.0604	0.0562	0.000496	1.78E-06	0.00508	0.000545	0.0009	0.000264	0.0137	0.0289
2038-03-01	12	0.149	0.00161	49.9	0.00874	0.00261	0.06	0.122	0.00905	0.000623	0.000314	0.000651	0.0605	0.0566	0.0005	1.78E-06	0.00511	0.000549	0.000905	0.000265	0.0138	0.029
2038-04-01	12	0.15	0.00163	50.6	0.00889	0.00266	0.0602	0.124	0.00922	0.000635	0.000315	0.000665	0.0607	0.0577	0.000509	1.79E-06	0.0052	0.00056	0.000921	0.000268	0.014	0.0291
2038-05-01	12	0.151	0.00163	50.8	0.00897	0.00268	0.06	0.124	0.0093	0.00064	0.000314	0.000671	0.0605	0.0583	0.000514	1.78E-06	0.00524	0.000566	0.000928	0.000269	0.0142	0.029
2038-06-01	12	0.151	0.00164	50.8	0.00897	0.00269	0.06	0.124	0.00931	0.000641	0.000314	0.000672	0.0605	0.0584	0.000515	1.78E-06	0.00525	0.000567	0.000929	0.000269	0.0142	0.029
2038-07-01	12	0.151	0.00164	51	0.009	0.00269	0.0602	0.125	0.00934	0.000643	0.000315	0.000674	0.0607	0.0586	0.000516	1.78E-06	0.00526	0.000568	0.000932	0.00027	0.0142	0.0291
2038-08-01	12	0.152	0.00165	51.1	0.00903	0.0027	0.0603	0.125	0.00937	0.000645	0.000316	0.000676	0.0609	0.0587	0.000518	1.79E-06	0.00528	0.00057	0.000934	0.00027	0.0142	0.0291
2038-09-01	12	0.152	0.00165	51.3	0.00905	0.00271	0.0605	0.125	0.0094	0.000646	0.000316	0.000678	0.0611	0.0589	0.000519	1.79E-06	0.00529	0.000572	0.000937	0.000271	0.0143	0.0292
2038-10-01	12	0.151	0.00164	50.9	0.00899	0.00269	0.0601	0.125	0.00933	0.000642	0.000314	0.000673	0.0606	0.0585	0.000516	1.78E-06	0.00526	0.000568	0.000931	0.000269	0.0142	0.029
2038-11-01	12	0.15	0.00163	50.8	0.00896	0.00268	0.0599	0.124	0.0093	0.00064	0.000313	0.000671	0.0604	0.0583	0.000514	1.78E-06	0.00524	0.000566	0.000928	0.000269	0.0141	0.0289
2038-12-01	12	0.15	0.00163	50.7	0.00895	0.00268	0.0598	0.124	0.00928	0.000639	0.000313	0.00067	0.0603	0.0582	0.000513	1.77E-06	0.00523	0.000565	0.000926	0.000268	0.0141	0.0289
2039-01-01	13	0.15	0.00163	50.7	0.00895	0.00268	0.0598	0.124	0.00929	0.000639	0.000313	0.00067	0.0604	0.0582	0.000513	1.77E-06	0.00523	0.000565	0.000927	0.000268	0.0141	0.0289
2039-02-01	13	0.152	0.00164	51.2	0.00907	0.00272	0.0599	0.125	0.00942	0.000648	0.000313	0.00068	0.0604	0.0591	0.000521	1.78E-06	0.00531	0.000573	0.000938	0.00027	0.0143	0.0289
2039-03-01	13	0.154	0.00166	51.8	0.00924	0.00277	0.06	0.127	0.00962	0.000662	0.000314	0.000694	0.0605	0.0603	0.000531	1.78E-06	0.00542	0.000584	0.000955	0.000274	0.0146	0.029
2039-04-01	13	0.16	0.00171	54	0.00977	0.00295	0.0602	0.132	0.0102	0.000703	0.000315	0.000739	0.0608	0.0642	0.000565	1.79E-06	0.00577	0.00062	0.00101	0.000283	0.0156	0.0291
2039-05-01	13	0.164	0.00175	55.5	0.0102	0.00309	0.06	0.135	0.0107	0.000735	0.000314	0.000773	0.0606	0.0672	0.000591	1.78E-06	0.00603	0.000646	0.00105	0.00029	0.0163	0.029
2039-06-01	13	0.164	0.00175	55.6	0.0102	0.0031	0.06	0.136	0.0107	0.000737	0.000314	0.000775	0.0606	0.0674	0.000592	1.78E-06	0.00604	0.000648	0.00105	0.00029	0.0163	0.029
2039-07-01	13	0.165	0.00175	55.7	0.0102	0.00311	0.0602	0.136	0.0108	0.000739	0.000315	0.000777	0.0608	0.0676	0.000594	1.78E-06	0.00606	0.00065	0.00105	0.000291	0.0164	0.0291
2039-08-01	13	0.165	0.00176	55.9	0.0103	0.00311	0.0603	0.136	0.0108	0.000741	0.000316	0.000779	0.0609	0.0678	0.000596	1.79E-06	0.00608	0.000652	0.00106	0.000292	0.0164	0.0291
2039-09-01	13	0.166	0.00176	56	0.0103	0.00312	0.0605	0.137	0.0108	0.000744	0.000316	0.000782	0.0611	0.068	0.000598	1.79E-06	0.0061	0.000654	0.00106	0.000293	0.0164	0.0292
2039-10-01	13	0.164	0.00175	55.7	0.0102	0.0031	0.0601	0.136	0.0108	0.000739	0.000314	0.000777	0.0607	0.0675	0.000594	1.78E-06	0.00606	0.000649	0.00105	0.000291	0.0163	0.029
2039-11-01	13	0.164	0.00175	55.5	0.0102	0.00309	0.0599	0.136	0.0107	0.000736	0.000313	0.000774	0.0605	0.0673	0.000592	1.78E-06	0.00604	0.000647	0.00105	0.00029	0.0163	0.0289
2039-12-01	13	0.164	0.00174	55.4	0.0102	0.00309	0.0598	0.135	0.0107	0.000735	0.000313	0.000773	0.0604	0.0672	0.000591	1.77E-06	0.00603	0.000646	0.00105	0.000289	0.0163	0.0289
2040-01-01	14	0.164	0.00174	55.4	0.0102	0.00309	0.0598	0.135	0.0107	0.000735	0.000313	0.000773	0.0604	0.0672	0.000591	1.77E-06	0.00603	0.000646	0.00105	0.00029	0.0163	0.0289
2040-02-01	14	0.165	0.00175	55.8	0.0103	0.00312	0.0599	0.136	0.0108	0.000742	0.000313	0.00078	0.0605	0.0679	0.000597	1.78E-06	0.00609	0.000652	0.00106	0.000291	0.0164	0.0289
2040-03-01	14	0.166	0.00177	56.4	0.0104	0.00316	0.06	0.137	0.011	0.000753	0.000314	0.000792	0.0606	0.0688	0.000605	1.78E-06	0.00618	0.000661	0.00107	0.000294	0.0167	0.029
2040-04-01	14	0.171	0.00181	58.1	0.0108	0.0033	0.0602	0.141	0.0115	0.000786	0.000315	0.000826	0.0609	0.0719	0.000632	1.79E-06	0.00646	0.000687	0.00111	0.000302	0.0174	0.0291
2040-05-01	14	0.174	0.00183	59.1	0.0111	0.0034	0.06	0.144	0.0118	0.00081	0.000314	0.000851	0.0606	0.074	0.00065	1.78E-06	0.00665	0.000705	0.00114	0.000306	0.0179	0.029
2040-06-01	14	0.175	0.00183	59.2	0.0111	0.00341	0.06	0.144	0.0118	0.000811	0.000314	0.000852	0.0607	0.0741	0.000651	1.78E-06	0.00666	0.000707	0.00114	0.000307	0.0179	0.029
2040-07-01	14	0.175	0.00184	59.4	0.0111	0.00342	0.0602	0.144	0.0119	0.000814	0.000315	0.000855	0.0608	0.0744	0.000654	1.78E-06	0.00668	0.000709	0.00115	0.000308	0.018	0.0291
2040-08-01	14	0.176	0.00184	59.5	0.0112	0.00343	0.0603	0.145	0.0119	0.000816	0.000316	0.000858	0.061	0.0746	0.000655	1.79E-06	0.0067	0.000711	0.00115	0.000308	0.018	0.0291
2040-09-01	14	0.176	0.00185	59.7	0.0112	0.00344	0.0605	0.145	0.0119	0.000818	0.000316	0.00086	0.0612	0.0748	0.000657	1.79E-06	0.00672	0.000713	0.00116	0.000309	0.0181	0.0292
2040-10-01	14	0.175	0.00184	59.3	0.0111	0.00342	0.0601	0.144	0.0119	0.000813	0.000314	0.000854	0.0608	0.0743	0.000653	1.78E-06	0.00668	0.000708	0.00115	0.000307	0.018	0.029
2040-11-01	14	0.174	0.00183	59.1	0.0111	0.0034	0.0599	0.144	0.0118	0.00081	0.000313	0.000851	0.0606	0.074	0.000651	1.78E-06	0.00666	0.000706	0.00114	0.000306	0.0179	0.0289
2040-12-01	14	0.174	0.00183	59	0.0111	0.0034	0.0598	0.143	0.0118	0.000809	0.000313	0.00085	0.0605	0.0739	0.00065	1.77E-06	0.00664	0.000705	0.00114	0.000306	0.0179	0.0289
2041-01-01	15	0.174	0.00183	59	0.0111	0.0034	0.0598	0.143	0.0118	0.000809	0.000313	0.00085	0.0605	0.0739	0.00065	1.77E-06	0.00665	0.000705	0.00114	0.000306	0.0179	0.0289
2041-02-01	15	0.175	0.00184	59.4	0.0112	0.00343	0.0599	0.144	0.0119	0.000815	0.000313	0.000857	0.0606	0.0745	0.000655	1.78E-06	0.0067	0.000711	0.00115	0.000307	0.018	0.0289
2041-03-01	15	0.177	0.00185	59.9	0.0113	0.00347	0.06	0.146	0.012	0.000825	0.000314	0.000866	0.0607	0.0753	0.000663	1.78E-06	0.00678	0.00072	0.00116	0.00031	0.0182	0.029
2041-04-01	15	0.183	0.00189	61.3	0.0117	0.00358	0.0602	0.15	0.0124	0.000853	0.000315	0.000894	0.0609	0.0778	0.000686	1.79E-06	0.00702	0.000748	0.0012	0.000317	0.0189	0.0291
2041-05-01	15	0.186	0.0019	62.2	0.0119	0.00366	0.06	0.152	0.0127	0.000872	0.000314	0.000913	0.0607	0.0794	0.000702	1.78E-06	0.00719	0.000768	0.00122	0.00032	0.0193	0.029
2041-06-01	15	0.186	0.00191	62.2	0.012	0.00367	0.06	0.153	0.0127	0.000873	0.000314	0.000914	0.0607	0.0795	0.000703	1.78E-06	0.0072	0.000769	0.00122	0.00032	0.0193	0.029
2041-07-01	15	0.187	0.00191	62.4	0.012	0.00368	0.0602	0.153	0.0128	0.000876	0.000315	0.000917	0.0609	0.0798	0.000705							

Pond 3																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2043-09-01	17	0.197	0.00197	64.9	0.0126	0.00388	0.0605	0.16	0.0135	0.000925	0.000316	0.000965	0.0613	0.0841	0.000745	1.79E-06	0.00764	0.000818	0.00129	0.000333	0.0205	0.0292
2043-10-01	17	0.195	0.00196	64.5	0.0126	0.00386	0.0601	0.159	0.0134	0.000919	0.000314	0.000959	0.0609	0.0835	0.00074	1.78E-06	0.00759	0.000813	0.00128	0.000331	0.0203	0.029
2043-11-01	17	0.195	0.00195	64.3	0.0125	0.00385	0.0599	0.159	0.0133	0.000916	0.000313	0.000956	0.0607	0.0832	0.000737	1.78E-06	0.00756	0.00081	0.00127	0.00033	0.0203	0.0289
2043-12-01	17	0.194	0.00195	64.2	0.0125	0.00384	0.0598	0.158	0.0133	0.000914	0.000313	0.000954	0.0606	0.0831	0.000736	1.77E-06	0.00755	0.000809	0.00127	0.000329	0.0202	0.0289
2044-01-01	18	0.194	0.00195	64.2	0.0125	0.00384	0.0598	0.159	0.0133	0.000915	0.000313	0.000954	0.0606	0.0831	0.000736	1.77E-06	0.00755	0.000809	0.00127	0.000329	0.0202	0.0289
2044-02-01	18	0.195	0.00195	64.3	0.0125	0.00384	0.0599	0.159	0.0133	0.000915	0.000313	0.000955	0.0607	0.0832	0.000737	1.78E-06	0.00756	0.000811	0.00127	0.00033	0.0203	0.0289
2044-03-01	18	0.196	0.00196	64.4	0.0125	0.00385	0.06	0.16	0.0133	0.000917	0.000314	0.000955	0.0608	0.0833	0.000738	1.78E-06	0.00758	0.000813	0.00127	0.00033	0.0203	0.029
2044-04-01	18	0.198	0.00196	64.6	0.0126	0.00386	0.0602	0.161	0.0134	0.00092	0.000315	0.000956	0.061	0.0834	0.000741	1.79E-06	0.00762	0.00082	0.00128	0.000331	0.0204	0.0291
2044-05-01	18	0.199	0.00196	64.3	0.0126	0.00384	0.06	0.161	0.0133	0.000916	0.000314	0.000949	0.0607	0.0828	0.000738	1.78E-06	0.00759	0.00082	0.00127	0.00033	0.0203	0.029
2044-06-01	18	0.199	0.00196	64.3	0.0126	0.00384	0.06	0.162	0.0133	0.000916	0.000314	0.000949	0.0608	0.0828	0.000738	1.78E-06	0.00759	0.000821	0.00127	0.00033	0.0203	0.029
2044-07-01	18	0.2	0.00196	64.5	0.0126	0.00385	0.0602	0.162	0.0133	0.000919	0.000315	0.000952	0.0609	0.0831	0.00074	1.78E-06	0.00762	0.000823	0.00127	0.000331	0.0203	0.0291
2044-08-01	18	0.2	0.00197	64.7	0.0127	0.00386	0.0603	0.163	0.0134	0.000921	0.000316	0.000955	0.0611	0.0833	0.000742	1.79E-06	0.00764	0.000825	0.00128	0.000332	0.0204	0.0291
2044-09-01	18	0.201	0.00197	64.9	0.0127	0.00388	0.0605	0.163	0.0134	0.000924	0.000316	0.000958	0.0613	0.0836	0.000744	1.79E-06	0.00766	0.000828	0.00128	0.000333	0.0204	0.0292
2044-10-01	18	0.2	0.00196	64.4	0.0126	0.00385	0.0601	0.162	0.0133	0.000918	0.000314	0.000952	0.0609	0.083	0.000739	1.78E-06	0.00761	0.000822	0.00127	0.000331	0.0203	0.029
2044-11-01	18	0.199	0.00195	64.2	0.0126	0.00384	0.0599	0.161	0.0133	0.000915	0.000313	0.000948	0.0607	0.0827	0.000737	1.78E-06	0.00758	0.00082	0.00127	0.000329	0.0202	0.0289
2044-12-01	18	0.199	0.00195	64.1	0.0125	0.00383	0.0598	0.161	0.0132	0.000913	0.000313	0.000947	0.0606	0.0826	0.000736	1.77E-06	0.00757	0.000818	0.00127	0.000329	0.0202	0.0289
2045-01-01	19	0.199	0.00195	64.1	0.0126	0.00383	0.0598	0.161	0.0133	0.000913	0.000313	0.000947	0.0606	0.0826	0.000736	1.77E-06	0.00757	0.000818	0.00127	0.000329	0.0202	0.0289
2045-02-01	19	0.199	0.00195	64.2	0.0126	0.00384	0.0599	0.161	0.0133	0.000914	0.000313	0.000947	0.0607	0.0827	0.000737	1.78E-06	0.00758	0.00082	0.00127	0.000329	0.0202	0.0289
2045-03-01	19	0.2	0.00196	64.3	0.0126	0.00384	0.06	0.162	0.0133	0.000916	0.000314	0.000949	0.0608	0.0828	0.000738	1.78E-06	0.0076	0.000823	0.00127	0.00033	0.0203	0.029
2045-04-01	19	0.202	0.00196	64.5	0.0127	0.00386	0.0602	0.164	0.0133	0.000919	0.000315	0.00095	0.061	0.083	0.000741	1.79E-06	0.00764	0.000831	0.00127	0.000331	0.0203	0.0291
2045-05-01	19	0.203	0.00196	64.3	0.0126	0.00384	0.06	0.164	0.0133	0.000916	0.000314	0.000945	0.0607	0.0825	0.000739	1.78E-06	0.00761	0.000832	0.00127	0.00033	0.0203	0.029
2045-06-01	19	0.203	0.00196	64.3	0.0126	0.00384	0.06	0.164	0.0133	0.000916	0.000314	0.000945	0.0608	0.0825	0.000739	1.78E-06	0.00761	0.000832	0.00127	0.00033	0.0203	0.029
2045-07-01	19	0.203	0.00196	64.5	0.0127	0.00385	0.0602	0.164	0.0133	0.000919	0.000315	0.000948	0.061	0.0828	0.000741	1.78E-06	0.00764	0.000835	0.00127	0.000331	0.0203	0.0291
2045-08-01	19	0.204	0.00197	64.6	0.0127	0.00386	0.0603	0.165	0.0133	0.000921	0.000316	0.00095	0.0611	0.083	0.000743	1.79E-06	0.00766	0.000837	0.00127	0.000332	0.0204	0.0291
2045-09-01	19	0.204	0.00197	64.8	0.0128	0.00387	0.0605	0.165	0.0134	0.000924	0.000316	0.000953	0.0613	0.0833	0.000745	1.79E-06	0.00768	0.000839	0.00128	0.000333	0.0204	0.0292
2045-10-01	19	0.203	0.00196	64.4	0.0127	0.00385	0.0601	0.164	0.0133	0.000918	0.000314	0.000947	0.0609	0.0827	0.00074	1.78E-06	0.00763	0.000834	0.00127	0.000331	0.0203	0.029
2045-11-01	19	0.202	0.00195	64.2	0.0126	0.00383	0.0599	0.164	0.0132	0.000915	0.000313	0.000944	0.0607	0.0824	0.000738	1.78E-06	0.0076	0.000831	0.00127	0.000329	0.0202	0.0289
2045-12-01	19	0.202	0.00195	64.1	0.0126	0.00383	0.0598	0.163	0.0132	0.000913	0.000313	0.000942	0.0606	0.0823	0.000737	1.77E-06	0.00759	0.00083	0.00126	0.000329	0.0202	0.0289
2046-01-01	20	0.202	0.00195	64.1	0.0126	0.00383	0.0598	0.163	0.0132	0.000913	0.000313	0.000942	0.0606	0.0823	0.000737	1.77E-06	0.00759	0.00083	0.00126	0.000329	0.0202	0.0289
2046-02-01	20	0.203	0.00195	64.2	0.0126	0.00383	0.0599	0.164	0.0132	0.000915	0.000313	0.000943	0.0607	0.0824	0.000738	1.78E-06	0.00761	0.000832	0.00127	0.000329	0.0202	0.0289
2046-03-01	20	0.203	0.00196	64.3	0.0127	0.00384	0.06	0.164	0.0133	0.000917	0.000314	0.000945	0.0608	0.0826	0.00074	1.78E-06	0.00763	0.000835	0.00127	0.00033	0.0203	0.029
2046-04-01	20	0.206	0.00197	64.6	0.0128	0.00386	0.0602	0.166	0.0133	0.000922	0.000315	0.000949	0.061	0.0829	0.000744	1.79E-06	0.00767	0.000843	0.00127	0.000332	0.0204	0.0291
2046-05-01	20	0.206	0.00196	64.4	0.0127	0.00385	0.06	0.166	0.0133	0.00092	0.000314	0.000945	0.0608	0.0826	0.000743	1.78E-06	0.00766	0.000844	0.00127	0.000331	0.0203	0.029
2046-06-01	20	0.206	0.00196	64.5	0.0128	0.00385	0.06	0.166	0.0133	0.00092	0.000314	0.000945	0.0608	0.0826	0.000743	1.78E-06	0.00766	0.000844	0.00127	0.000331	0.0204	0.029
2046-07-01	20	0.207	0.00197	64.7	0.0128	0.00387	0.0602	0.167	0.0133	0.000923	0.000315	0.000948	0.061	0.0829	0.000745	1.78E-06	0.00769	0.000847	0.00127	0.000332	0.0204	0.0291
2046-08-01	20	0.207	0.00197	64.8	0.0128	0.00388	0.0603	0.167	0.0134	0.000925	0.000316	0.000951	0.0611	0.0831	0.000747	1.79E-06	0.00771	0.000849	0.00128	0.000333	0.0205	0.0291
2046-09-01	20	0.208	0.00198	65	0.0129	0.00389	0.0605	0.168	0.0134	0.000928	0.000316	0.000954	0.0613	0.0834	0.00075	1.79E-06	0.00773	0.000852	0.00128	0.000334	0.0205	0.0292
2046-10-01	20	0.207	0.00197	64.6	0.0128	0.00386	0.0601	0.167	0.0133	0.000922	0.000314	0.000947	0.0609	0.0828	0.000745	1.78E-06	0.00768	0.000846	0.00127	0.000332	0.0204	0.029
2046-11-01	20	0.206	0.00196	64.4	0.0127	0.00385	0.0599	0.166	0.0133	0.000919	0.000313	0.000944	0.0607	0.0825	0.000742	1.78E-06	0.00765	0.000843	0.00127	0.00033	0.0203	0.0289
2046-12-01	20	0.206	0.00196	64.3	0.0127	0.00384	0.0598	0.166	0.0133	0.000917	0.000313	0.000942	0.0606	0.0824	0.000741	1.77E-06	0.00764	0.000842	0.00127	0.00033	0.0203	0.0289
2047-01-01	21	0.206	0.00196	64.3	0.0127	0.00384	0.0598	0.166	0.0133	0.000918	0.000313	0.000943	0.0606	0.0824	0.000741	1.77E-06	0.00764	0.000842	0.00127	0.00033	0.0203	0.0289
2047-02-01	21	0.206	0.00196	64.4	0.0127	0.00385	0.0599	0.166	0.0133	0.000919	0.000313	0.000944	0.0607	0.0825	0.000742	1.78E-06	0.00765	0.000843	0.00127	0.00033	0.0203	0.0289
2047-03-01	21	0.206	0.00196	64.5	0.0128	0.00386	0.06	0.166	0.0133	0.00092	0.000314	0.000946	0.0608	0.0827	0.000743	1.78E-06	0.00767	0.000845	0.00127	0.000331	0.0204	0.029
2047-04-01	21	0.208	0.00197	64.8	0.0128	0.00387	0.0602	0.167	0.0134	0.000924	0.000315	0.000949	0.061	0.083	0.000747	1.79E-06						

Pond 3																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2049-06-01	23	0.201	0.00192	62.5	0.0123	0.00369	0.06	0.162	0.0127	0.000881	0.000314	0.000904	0.0607	0.079	0.000711	1.78E-06	0.00734	0.000811	0.00122	0.000322	0.0195	0.029
2049-07-01	23	0.202	0.00192	62.7	0.0123	0.0037	0.0602	0.162	0.0128	0.000884	0.000315	0.000906	0.0609	0.0793	0.000714	1.78E-06	0.00736	0.000814	0.00122	0.000323	0.0196	0.0291
2049-08-01	23	0.202	0.00193	62.9	0.0123	0.00371	0.0603	0.163	0.0128	0.000886	0.000316	0.000909	0.0611	0.0795	0.000716	1.79E-06	0.00738	0.000816	0.00123	0.000324	0.0196	0.0291
2049-09-01	23	0.203	0.00193	63.1	0.0124	0.00372	0.0605	0.163	0.0128	0.000889	0.000316	0.000912	0.0613	0.0797	0.000718	1.79E-06	0.00741	0.000819	0.00123	0.000325	0.0197	0.0292
2049-10-01	23	0.201	0.00192	62.7	0.0123	0.00369	0.0601	0.162	0.0127	0.000883	0.000314	0.000906	0.0609	0.0792	0.000713	1.78E-06	0.00736	0.000813	0.00122	0.000323	0.0195	0.029
2049-11-01	23	0.201	0.00191	62.5	0.0122	0.00368	0.0599	0.161	0.0127	0.00088	0.000313	0.000902	0.0607	0.0789	0.00071	1.78E-06	0.00733	0.00081	0.00122	0.000322	0.0195	0.0289
2049-12-01	23	0.2	0.00191	62.4	0.0122	0.00368	0.0598	0.161	0.0127	0.000878	0.000313	0.000901	0.0606	0.0788	0.000709	1.77E-06	0.00732	0.000809	0.00122	0.000321	0.0194	0.0289
2050-01-01	24	0.2	0.00191	62.4	0.0122	0.00368	0.0598	0.161	0.0127	0.000879	0.000313	0.000901	0.0606	0.0788	0.00071	1.77E-06	0.00732	0.000809	0.00122	0.000321	0.0194	0.0289
2050-02-01	24	0.2	0.00191	62.3	0.0122	0.00367	0.0599	0.161	0.0127	0.000877	0.000313	0.000899	0.0606	0.0786	0.000708	1.78E-06	0.00731	0.000808	0.00122	0.000321	0.0194	0.0289
2050-03-01	24	0.2	0.00191	62.2	0.0122	0.00366	0.06	0.161	0.0126	0.000875	0.000314	0.000897	0.0607	0.0784	0.000706	1.78E-06	0.00729	0.000806	0.00121	0.000321	0.0193	0.029
2050-04-01	24	0.199	0.0019	61.8	0.0121	0.00362	0.0602	0.16	0.0125	0.000865	0.000315	0.000887	0.061	0.0776	0.000699	1.79E-06	0.00721	0.000798	0.0012	0.000319	0.0191	0.0291
2050-05-01	24	0.196	0.00188	61.1	0.0119	0.00356	0.06	0.158	0.0123	0.000851	0.000314	0.000872	0.0607	0.0763	0.000687	1.78E-06	0.00709	0.000785	0.00118	0.000315	0.0188	0.029
2050-06-01	24	0.196	0.00188	61	0.0119	0.00356	0.06	0.158	0.0123	0.00085	0.000314	0.000872	0.0607	0.0762	0.000687	1.78E-06	0.00708	0.000785	0.00118	0.000315	0.0188	0.029
2050-07-01	24	0.197	0.00189	61.2	0.0119	0.00357	0.0602	0.158	0.0123	0.000853	0.000315	0.000874	0.0609	0.0765	0.000689	1.78E-06	0.00711	0.000788	0.00119	0.000316	0.0189	0.0291
2050-08-01	24	0.197	0.00189	61.4	0.0119	0.00358	0.0603	0.159	0.0123	0.000855	0.000316	0.000877	0.0611	0.0767	0.000691	1.79E-06	0.00712	0.00079	0.00119	0.000317	0.0189	0.0291
2050-09-01	24	0.198	0.0019	61.6	0.012	0.00359	0.0605	0.159	0.0124	0.000858	0.000316	0.000879	0.0612	0.0769	0.000693	1.79E-06	0.00715	0.000792	0.00119	0.000318	0.019	0.0292
2050-10-01	24	0.197	0.00189	61.2	0.0119	0.00356	0.0601	0.158	0.0123	0.000852	0.000314	0.000874	0.0608	0.0764	0.000688	1.78E-06	0.0071	0.000787	0.00118	0.000316	0.0188	0.029
2050-11-01	24	0.196	0.00188	61	0.0119	0.00355	0.0599	0.158	0.0123	0.000849	0.000313	0.000871	0.0606	0.0761	0.000686	1.78E-06	0.00707	0.000784	0.00118	0.000315	0.0188	0.0289
2050-12-01	24	0.196	0.00188	60.9	0.0118	0.00355	0.0598	0.158	0.0122	0.000848	0.000313	0.000869	0.0605	0.076	0.000685	1.77E-06	0.00706	0.000783	0.00118	0.000314	0.0188	0.0289
2051-01-01	25	0.196	0.00188	60.9	0.0118	0.00355	0.0598	0.158	0.0122	0.000848	0.000313	0.000869	0.0606	0.076	0.000685	1.77E-06	0.00706	0.000783	0.00118	0.000315	0.0188	0.0289
2051-02-01	25	0.196	0.00188	60.9	0.0118	0.00354	0.0599	0.158	0.0122	0.000847	0.000313	0.000869	0.0606	0.0759	0.000684	1.78E-06	0.00706	0.000783	0.00118	0.000314	0.0187	0.0289
2051-03-01	25	0.196	0.00188	60.9	0.0118	0.00354	0.06	0.158	0.0122	0.000847	0.000314	0.000868	0.0607	0.0759	0.000684	1.78E-06	0.00705	0.000783	0.00118	0.000315	0.0187	0.029
2051-04-01	25	0.196	0.00188	60.7	0.0118	0.00353	0.0602	0.158	0.0122	0.000843	0.000315	0.000863	0.0609	0.0755	0.000681	1.79E-06	0.00702	0.000781	0.00117	0.000314	0.0186	0.0291
2051-05-01	25	0.195	0.00186	60.2	0.0117	0.00348	0.06	0.156	0.012	0.000833	0.000314	0.000853	0.0607	0.0746	0.000673	1.78E-06	0.00694	0.000773	0.00116	0.000312	0.0184	0.029
2051-06-01	25	0.195	0.00186	60.2	0.0117	0.00348	0.06	0.156	0.012	0.000833	0.000314	0.000853	0.0607	0.0746	0.000673	1.78E-06	0.00694	0.000773	0.00116	0.000312	0.0184	0.029
2051-07-01	25	0.195	0.00187	60.4	0.0117	0.00349	0.0602	0.157	0.0121	0.000836	0.000315	0.000855	0.0609	0.0748	0.000675	1.78E-06	0.00697	0.000776	0.00116	0.000313	0.0185	0.0291
2051-08-01	25	0.196	0.00187	60.5	0.0117	0.0035	0.0603	0.157	0.0121	0.000838	0.000316	0.000858	0.061	0.075	0.000677	1.79E-06	0.00698	0.000778	0.00117	0.000313	0.0185	0.0291
2051-09-01	25	0.196	0.00188	60.7	0.0118	0.00351	0.0605	0.158	0.0121	0.000841	0.000316	0.00086	0.0612	0.0752	0.000679	1.79E-06	0.007	0.00078	0.00117	0.000314	0.0186	0.0292
2051-10-01	25	0.195	0.00187	60.3	0.0117	0.00349	0.0601	0.157	0.012	0.000835	0.000314	0.000855	0.0608	0.0747	0.000675	1.78E-06	0.00696	0.000775	0.00116	0.000312	0.0185	0.029
2051-11-01	25	0.194	0.00186	60.1	0.0117	0.00348	0.0599	0.156	0.012	0.000832	0.000313	0.000852	0.0606	0.0745	0.000672	1.78E-06	0.00693	0.000772	0.00116	0.000311	0.0184	0.0289
2051-12-01	25	0.194	0.00186	60	0.0116	0.00347	0.0598	0.156	0.012	0.000831	0.000313	0.00085	0.0605	0.0743	0.000671	1.77E-06	0.00692	0.000771	0.00116	0.000311	0.0184	0.0289
2052-01-01	26	0.194	0.00186	60	0.0116	0.00347	0.0598	0.156	0.012	0.000831	0.000313	0.000851	0.0605	0.0744	0.000671	1.77E-06	0.00692	0.000771	0.00116	0.000311	0.0184	0.0289
2052-02-01	26	0.194	0.00186	60.1	0.0117	0.00348	0.0599	0.156	0.012	0.000832	0.000313	0.000851	0.0606	0.0745	0.000672	1.78E-06	0.00693	0.000773	0.00116	0.000311	0.0184	0.0289
2052-03-01	26	0.195	0.00186	60.2	0.0117	0.00349	0.06	0.157	0.012	0.000834	0.000314	0.000853	0.0607	0.0746	0.000674	1.78E-06	0.00695	0.000775	0.00116	0.000312	0.0184	0.029
2052-04-01	26	0.196	0.00187	60.5	0.0117	0.0035	0.0602	0.158	0.0121	0.000838	0.000315	0.000857	0.0609	0.0749	0.000677	1.79E-06	0.00698	0.000781	0.00117	0.000313	0.0185	0.0291
2052-05-01	26	0.196	0.00186	60.3	0.0117	0.00349	0.06	0.157	0.012	0.000835	0.000314	0.000854	0.0607	0.0747	0.000675	1.78E-06	0.00696	0.00078	0.00116	0.000312	0.0185	0.029
2052-06-01	26	0.196	0.00186	60.3	0.0117	0.00349	0.06	0.157	0.012	0.000835	0.000314	0.000854	0.0607	0.0747	0.000676	1.78E-06	0.00696	0.000781	0.00116	0.000312	0.0185	0.029
2052-07-01	26	0.196	0.00187	60.5	0.0118	0.0035	0.0602	0.158	0.0121	0.000838	0.000315	0.000857	0.0609	0.0749	0.000678	1.78E-06	0.00698	0.000783	0.00117	0.000313	0.0185	0.0291
2052-08-01	26	0.197	0.00187	60.6	0.0118	0.00351	0.0603	0.158	0.0121	0.00084	0.000316	0.000859	0.0611	0.0751	0.00068	1.79E-06	0.007	0.000785	0.00117	0.000314	0.0186	0.0291
2052-09-01	26	0.197	0.00188	60.8	0.0118	0.00352	0.0605	0.159	0.0121	0.000842	0.000316	0.000861	0.0612	0.0754	0.000682	1.79E-06	0.00702	0.000788	0.00117	0.000315	0.0186	0.0292
2052-10-01	26	0.196	0.00187	60.4	0.0117	0.0035	0.0601	0.158	0.0121	0.000837	0.000314	0.000856	0.0608	0.0749	0.000677	1.78E-06	0.00697	0.000782	0.00116	0.000313	0.0185	0.029
2052-11-01	26	0.195	0.00186	60.2	0.0117	0.00349	0.0599	0.157	0.012	0.000834	0.000313	0.000853	0.0606	0.0746	0.000675	1.78E-06	0.00695	0.00078	0.00116	0.000312	0.0184	0.0289
2052-12-01	26	0.195	0.00186	60.1	0.0117	0.00348	0.0598	0.157	0.012	0.000832	0.000313	0.000851	0.0605	0.0745	0.000674	1.77E-06	0.00694	0.000778	0.00116	0.000311	0.0184	0.0289
2053-01-01	27	0.195	0.00186	60.1	0.0117	0.00348	0.0598	0.157	0.012	0.000833	0.000313	0.000852	0.0605	0.0745	0.000674	1.77E-06	0.0069					

Pond 3																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2055-03-01	29	0.207	0.00195	63.8	0.0127	0.0038	0.06	0.167	0.0131	0.000908	0.000314	0.000929	0.0608	0.0813	0.000736	1.78E-06	0.00756	0.000854	0.00125	0.000328	0.0201	0.029
2055-04-01	29	0.207	0.00196	64.1	0.0128	0.00381	0.0602	0.167	0.0131	0.000911	0.000315	0.000933	0.061	0.0817	0.000739	1.79E-06	0.00759	0.000857	0.00126	0.000329	0.0202	0.0291
2055-05-01	29	0.206	0.00195	63.8	0.0127	0.0038	0.06	0.167	0.0131	0.000908	0.000314	0.00093	0.0607	0.0814	0.000737	1.78E-06	0.00756	0.000853	0.00125	0.000328	0.0201	0.029
2055-06-01	29	0.206	0.00195	63.9	0.0127	0.0038	0.06	0.167	0.0131	0.000908	0.000314	0.00093	0.0608	0.0814	0.000737	1.78E-06	0.00756	0.000854	0.00125	0.000328	0.0201	0.029
2055-07-01	29	0.207	0.00196	64.1	0.0127	0.00381	0.0602	0.167	0.0131	0.000911	0.000315	0.000933	0.061	0.0817	0.000739	1.78E-06	0.00759	0.000856	0.00126	0.000329	0.0202	0.0291
2055-08-01	29	0.208	0.00196	64.2	0.0128	0.00382	0.0603	0.168	0.0132	0.000913	0.000316	0.000936	0.0611	0.0819	0.000741	1.79E-06	0.00761	0.000859	0.00126	0.00033	0.0202	0.0291
2055-09-01	29	0.208	0.00197	64.4	0.0128	0.00383	0.0605	0.168	0.0132	0.000916	0.000316	0.000939	0.0613	0.0821	0.000743	1.79E-06	0.00763	0.000861	0.00126	0.000331	0.0203	0.0292
2055-10-01	29	0.207	0.00195	64	0.0127	0.00381	0.0601	0.167	0.0131	0.00091	0.000314	0.000933	0.0609	0.0816	0.000739	1.78E-06	0.00758	0.000855	0.00126	0.000329	0.0201	0.029
2055-11-01	29	0.206	0.00195	63.8	0.0127	0.0038	0.0599	0.166	0.0131	0.000907	0.000313	0.000929	0.0607	0.0813	0.000736	1.78E-06	0.00755	0.000853	0.00125	0.000328	0.0201	0.0289
2055-12-01	29	0.206	0.00194	63.7	0.0127	0.00379	0.0598	0.166	0.0131	0.000905	0.000313	0.000928	0.0606	0.0812	0.000735	1.77E-06	0.00754	0.000851	0.00125	0.000327	0.02	0.0289
2056-01-01	30	0.206	0.00194	63.7	0.0127	0.00379	0.0598	0.166	0.0131	0.000906	0.000313	0.000928	0.0606	0.0812	0.000735	1.77E-06	0.00754	0.000851	0.00125	0.000327	0.02	0.0289
2056-02-01	30	0.206	0.00195	63.8	0.0127	0.0038	0.0599	0.166	0.0131	0.000907	0.000313	0.000929	0.0607	0.0813	0.000736	1.78E-06	0.00755	0.000852	0.00125	0.000328	0.0201	0.0289
2056-03-01	30	0.206	0.00195	63.9	0.0127	0.0038	0.06	0.166	0.0131	0.000909	0.000314	0.000931	0.0608	0.0815	0.000737	1.78E-06	0.00756	0.000852	0.00125	0.000328	0.0201	0.029
2056-04-01	30	0.206	0.00196	64.1	0.0127	0.00382	0.0602	0.166	0.0132	0.000912	0.000315	0.000936	0.061	0.0819	0.00074	1.79E-06	0.00759	0.000853	0.00126	0.00033	0.0202	0.0291
2056-05-01	30	0.205	0.00195	63.9	0.0127	0.00381	0.06	0.165	0.0131	0.000909	0.000314	0.000934	0.0607	0.0816	0.000737	1.78E-06	0.00756	0.000847	0.00126	0.000328	0.0201	0.029
2056-06-01	30	0.205	0.00195	63.9	0.0127	0.00381	0.06	0.165	0.0131	0.000909	0.000314	0.000934	0.0608	0.0816	0.000737	1.78E-06	0.00756	0.000847	0.00126	0.000328	0.0201	0.029
2056-07-01	30	0.205	0.00196	64.1	0.0127	0.00382	0.0602	0.166	0.0132	0.000912	0.000315	0.000937	0.0609	0.0819	0.000739	1.78E-06	0.00759	0.000849	0.00126	0.000329	0.0202	0.0291
2056-08-01	30	0.206	0.00196	64.3	0.0127	0.00383	0.0603	0.166	0.0132	0.000914	0.000316	0.000939	0.0611	0.0821	0.000741	1.79E-06	0.00761	0.000852	0.00126	0.00033	0.0202	0.0291
2056-09-01	30	0.206	0.00197	64.5	0.0128	0.00384	0.0605	0.167	0.0132	0.000917	0.000316	0.000942	0.0613	0.0824	0.000743	1.79E-06	0.00763	0.000854	0.00127	0.000331	0.0203	0.0292
2056-10-01	30	0.205	0.00195	64.1	0.0127	0.00381	0.0601	0.165	0.0132	0.000911	0.000314	0.000936	0.0609	0.0818	0.000738	1.78E-06	0.00758	0.000849	0.00126	0.000329	0.0202	0.029
2056-11-01	30	0.204	0.00195	63.8	0.0127	0.0038	0.0599	0.165	0.0131	0.000908	0.000313	0.000933	0.0607	0.0815	0.000736	1.78E-06	0.00755	0.000846	0.00125	0.000328	0.0201	0.0289
2056-12-01	30	0.204	0.00194	63.7	0.0126	0.00379	0.0598	0.165	0.0131	0.000906	0.000313	0.000931	0.0606	0.0814	0.000735	1.77E-06	0.00754	0.000844	0.00125	0.000327	0.0201	0.0289
2057-01-01	31	0.204	0.00194	63.8	0.0126	0.0038	0.0598	0.165	0.0131	0.000907	0.000313	0.000931	0.0606	0.0814	0.000735	1.77E-06	0.00754	0.000844	0.00125	0.000328	0.0201	0.0289
2057-02-01	31	0.204	0.00194	63.7	0.0126	0.00379	0.0599	0.165	0.0131	0.000906	0.000313	0.00093	0.0607	0.0813	0.000734	1.78E-06	0.00753	0.000843	0.00125	0.000327	0.02	0.0289
2057-03-01	31	0.204	0.00194	63.7	0.0126	0.00378	0.06	0.165	0.0131	0.000904	0.000314	0.000929	0.0608	0.0812	0.000733	1.78E-06	0.00752	0.000842	0.00125	0.000327	0.02	0.029
2057-04-01	31	0.203	0.00194	63.4	0.0125	0.00376	0.0602	0.164	0.013	0.000898	0.000315	0.000922	0.061	0.0806	0.000728	1.79E-06	0.00747	0.000836	0.00124	0.000326	0.0199	0.0291
2057-05-01	31	0.201	0.00192	62.8	0.0124	0.00371	0.06	0.162	0.0128	0.000886	0.000314	0.000909	0.0607	0.0795	0.000718	1.78E-06	0.00736	0.000825	0.00123	0.000323	0.0196	0.029
2057-06-01	31	0.201	0.00192	62.8	0.0124	0.0037	0.06	0.162	0.0128	0.000885	0.000314	0.000909	0.0607	0.0795	0.000717	1.78E-06	0.00736	0.000825	0.00123	0.000323	0.0196	0.029
2057-07-01	31	0.201	0.00193	63	0.0124	0.00372	0.0602	0.163	0.0128	0.000888	0.000315	0.000912	0.0609	0.0797	0.00072	1.78E-06	0.00739	0.000827	0.00123	0.000324	0.0196	0.0291
2057-08-01	31	0.202	0.00193	63.1	0.0124	0.00373	0.0603	0.163	0.0129	0.00089	0.000316	0.000914	0.0611	0.0799	0.000722	1.79E-06	0.0074	0.00083	0.00123	0.000325	0.0197	0.0291
2057-09-01	31	0.203	0.00194	63.3	0.0125	0.00374	0.0605	0.164	0.0129	0.000893	0.000316	0.000917	0.0613	0.0802	0.000724	1.79E-06	0.00743	0.000832	0.00124	0.000326	0.0198	0.0292
2057-10-01	31	0.201	0.00193	62.9	0.0124	0.00371	0.0601	0.162	0.0128	0.000887	0.000314	0.000911	0.0609	0.0796	0.000719	1.78E-06	0.00738	0.000827	0.00123	0.000324	0.0196	0.029
2057-11-01	31	0.201	0.00192	62.7	0.0123	0.0037	0.0599	0.162	0.0128	0.000884	0.000313	0.000908	0.0607	0.0794	0.000716	1.78E-06	0.00735	0.000824	0.00122	0.000323	0.0196	0.0289
2057-12-01	31	0.2	0.00192	62.6	0.0123	0.00369	0.0598	0.162	0.0127	0.000883	0.000313	0.000906	0.0606	0.0792	0.000715	1.77E-06	0.00734	0.000822	0.00122	0.000322	0.0195	0.0289
2058-01-01	32	0.2	0.00192	62.6	0.0123	0.0037	0.0598	0.162	0.0127	0.000883	0.000313	0.000907	0.0606	0.0793	0.000716	1.77E-06	0.00734	0.000823	0.00122	0.000322	0.0195	0.0289
2058-02-01	32	0.199	0.00191	62.3	0.0123	0.00367	0.0599	0.161	0.0127	0.000877	0.000313	0.0009	0.0606	0.0787	0.000711	1.78E-06	0.00729	0.000817	0.00121	0.000321	0.0194	0.0289
2058-03-01	32	0.198	0.0019	61.9	0.0121	0.00363	0.06	0.16	0.0125	0.000869	0.000314	0.000892	0.0607	0.0779	0.000704	1.78E-06	0.00722	0.000809	0.0012	0.000319	0.0192	0.029
2058-04-01	32	0.194	0.00187	60.6	0.0118	0.00351	0.0602	0.157	0.0121	0.00084	0.000315	0.000862	0.0609	0.0754	0.00068	1.79E-06	0.00698	0.000783	0.00117	0.000314	0.0186	0.0291
2058-05-01	32	0.189	0.00183	58.9	0.0113	0.00338	0.06	0.152	0.0116	0.000808	0.000314	0.000829	0.0607	0.0724	0.000654	1.78E-06	0.00671	0.000753	0.00113	0.000306	0.0179	0.029
2058-06-01	32	0.188	0.00183	58.9	0.0113	0.00337	0.06	0.152	0.0116	0.000806	0.000314	0.000827	0.0607	0.0723	0.000653	1.78E-06	0.0067	0.000752	0.00113	0.000306	0.0178	0.029
2058-07-01	32	0.189	0.00184	59.1	0.0114	0.00338	0.0602	0.153	0.0117	0.000809	0.000315	0.00083	0.0609	0.0725	0.000655	1.78E-06	0.00672	0.000754	0.00113	0.000307	0.0179	0.0291
2058-08-01	32	0.19	0.00184	59.2	0.0114	0.00339	0.0603	0.153	0.0117	0.000811	0.000316	0.000832	0.061	0.0727	0.000656	1.79E-06	0.00674	0.000756	0.00113	0.000307	0.0179	0.0291
2058-09-01	32	0.19	0.00185	59.4	0.0114	0.0034	0.0605	0.153	0.0117	0.000813	0.000316	0.000835	0.0612	0.0729	0.000658	1.79E-06	0.00676	0.000759	0.00114	0.000308	0.018	0.0292
2058-10-01	32	0.189	0.00183	59	0.0114	0.00338	0.0601	0.152	0.0117	0.000808	0.000314	0.000829	0.0608	0.0725	0.000654	1.78E-06	0.00671					

Pond 3																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2060-12-01	34	0.163	0.00164	50.9	0.00923	0.00269	0.0598	0.132	0.00929	0.000646	0.000313	0.000662	0.0604	0.0578	0.000522	1.77E-06	0.00535	0.000604	0.000926	0.00027	0.0143	0.0289
2061-01-01	35	0.163	0.00164	51	0.00923	0.00269	0.0598	0.132	0.0093	0.000646	0.000313	0.000662	0.0604	0.0578	0.000522	1.77E-06	0.00535	0.000605	0.000926	0.00027	0.0143	0.0289
2061-02-01	35	0.162	0.00163	50.7	0.00915	0.00267	0.0599	0.131	0.0092	0.00064	0.000313	0.000655	0.0604	0.0572	0.000517	1.78E-06	0.0053	0.000599	0.000918	0.000268	0.0141	0.0289
2061-03-01	35	0.161	0.00162	50.3	0.00904	0.00263	0.06	0.13	0.00908	0.000631	0.000314	0.000646	0.0605	0.0564	0.000509	1.78E-06	0.00523	0.000591	0.000907	0.000267	0.0139	0.029
2061-04-01	35	0.157	0.00159	48.9	0.00866	0.00251	0.0602	0.127	0.00865	0.000602	0.000315	0.000616	0.0607	0.0538	0.000486	1.79E-06	0.00498	0.000564	0.000871	0.000261	0.0133	0.0291
2061-05-01	35	0.152	0.00155	47.3	0.00824	0.00237	0.06	0.122	0.00819	0.00057	0.000314	0.000583	0.0605	0.0509	0.00046	1.78E-06	0.00472	0.000535	0.000831	0.000253	0.0126	0.029
2061-06-01	35	0.151	0.00155	47.2	0.00822	0.00237	0.06	0.122	0.00817	0.000568	0.000314	0.000582	0.0605	0.0508	0.000459	1.78E-06	0.0047	0.000533	0.000829	0.000253	0.0126	0.029
2061-07-01	35	0.152	0.00156	47.4	0.00825	0.00237	0.0602	0.123	0.00819	0.00057	0.000315	0.000584	0.0607	0.0509	0.00046	1.78E-06	0.00472	0.000535	0.000832	0.000254	0.0126	0.0291
2061-08-01	35	0.152	0.00156	47.5	0.00827	0.00238	0.0603	0.123	0.00822	0.000572	0.000316	0.000585	0.0608	0.0511	0.000461	1.79E-06	0.00473	0.000537	0.000834	0.000254	0.0126	0.0291
2061-09-01	35	0.153	0.00157	47.6	0.00829	0.00239	0.0605	0.123	0.00824	0.000573	0.000316	0.000587	0.061	0.0512	0.000463	1.79E-06	0.00474	0.000538	0.000837	0.000255	0.0127	0.0292
2061-10-01	35	0.152	0.00156	47.3	0.00824	0.00237	0.0601	0.122	0.00819	0.00057	0.000314	0.000583	0.0606	0.0509	0.00046	1.78E-06	0.00471	0.000535	0.000831	0.000253	0.0126	0.029
2061-11-01	35	0.151	0.00155	47.2	0.00821	0.00236	0.0599	0.122	0.00816	0.000568	0.000313	0.000581	0.0604	0.0507	0.000458	1.78E-06	0.0047	0.000533	0.000828	0.000253	0.0125	0.0289
2061-12-01	35	0.151	0.00155	47.1	0.0082	0.00236	0.0598	0.122	0.00814	0.000567	0.000313	0.00058	0.0603	0.0506	0.000457	1.77E-06	0.00469	0.000532	0.000827	0.000252	0.0125	0.0289
2062-01-01	36	0.151	0.00155	47.1	0.0082	0.00236	0.0598	0.122	0.00815	0.000567	0.000313	0.00058	0.0603	0.0506	0.000457	1.77E-06	0.00469	0.000532	0.000827	0.000252	0.0125	0.0289
2062-02-01	36	0.15	0.00154	46.8	0.00812	0.00233	0.0599	0.121	0.00805	0.000561	0.000313	0.000574	0.0604	0.05	0.000452	1.78E-06	0.00464	0.000526	0.000819	0.000251	0.0124	0.0289
2062-03-01	36	0.149	0.00153	46.4	0.008	0.0023	0.06	0.12	0.00792	0.000552	0.000314	0.000564	0.0605	0.0492	0.000445	1.78E-06	0.00456	0.000518	0.000808	0.000249	0.0122	0.029
2062-04-01	36	0.144	0.0015	45	0.00762	0.00217	0.0602	0.117	0.00749	0.000522	0.000315	0.000534	0.0607	0.0466	0.000421	1.79E-06	0.00431	0.000491	0.000772	0.000243	0.0115	0.0291
2062-05-01	36	0.139	0.00146	43.4	0.00721	0.00204	0.06	0.112	0.00704	0.000491	0.000314	0.000502	0.0604	0.0437	0.000395	1.78E-06	0.00405	0.000462	0.000732	0.000236	0.0108	0.029
2062-06-01	36	0.139	0.00146	43.3	0.00719	0.00203	0.06	0.112	0.00702	0.000489	0.000314	0.0005	0.0604	0.0436	0.000394	1.78E-06	0.00404	0.000461	0.00073	0.000235	0.0108	0.029
2062-07-01	36	0.139	0.00146	43.5	0.00721	0.00204	0.0602	0.113	0.00704	0.000491	0.000315	0.000502	0.0606	0.0437	0.000395	1.78E-06	0.00405	0.000462	0.000733	0.000236	0.0108	0.0291
2062-08-01	36	0.14	0.00147	43.6	0.00723	0.00204	0.0603	0.113	0.00706	0.000492	0.000316	0.000503	0.0607	0.0438	0.000396	1.79E-06	0.00406	0.000463	0.000735	0.000237	0.0109	0.0291
2062-09-01	36	0.14	0.00147	43.7	0.00725	0.00205	0.0605	0.113	0.00708	0.000494	0.000316	0.000504	0.0609	0.044	0.000397	1.79E-06	0.00407	0.000465	0.000737	0.000237	0.0109	0.0292
2062-10-01	36	0.139	0.00146	43.4	0.0072	0.00204	0.0601	0.112	0.00703	0.00049	0.000314	0.000501	0.0605	0.0437	0.000395	1.78E-06	0.00405	0.000462	0.000732	0.000236	0.0108	0.029
2062-11-01	36	0.139	0.00146	43.3	0.00718	0.00203	0.0599	0.112	0.00701	0.000489	0.000313	0.000499	0.0603	0.0435	0.000393	1.78E-06	0.00403	0.00046	0.000729	0.000235	0.0108	0.0289
2062-12-01	36	0.138	0.00145	43.2	0.00716	0.00203	0.0598	0.112	0.007	0.000488	0.000313	0.000499	0.0602	0.0435	0.000393	1.77E-06	0.00403	0.000459	0.000728	0.000235	0.0108	0.0289
2063-01-01	37	0.139	0.00146	43.2	0.00717	0.00203	0.0598	0.112	0.007	0.000488	0.000313	0.000499	0.0602	0.0435	0.000393	1.77E-06	0.00403	0.000459	0.000728	0.000235	0.0108	0.0289
2063-02-01	37	0.138	0.00145	42.9	0.00708	0.002	0.0599	0.111	0.0069	0.000482	0.000313	0.000492	0.0603	0.0429	0.000388	1.78E-06	0.00397	0.000453	0.00072	0.000233	0.0106	0.0289
2063-03-01	37	0.136	0.00144	42.5	0.00696	0.00196	0.06	0.11	0.00677	0.000472	0.000314	0.000483	0.0604	0.0421	0.00038	1.78E-06	0.0039	0.000445	0.000709	0.000232	0.0104	0.029
2063-04-01	37	0.132	0.00141	41.1	0.00658	0.00183	0.0602	0.107	0.00634	0.000443	0.000315	0.000452	0.0606	0.0393	0.000356	1.79E-06	0.00365	0.000418	0.000672	0.000225	0.00976	0.0291
2063-05-01	37	0.127	0.00137	39.5	0.00617	0.0017	0.06	0.102	0.00589	0.000412	0.000314	0.00042	0.0603	0.0365	0.00033	1.78E-06	0.00339	0.000389	0.000633	0.000218	0.00908	0.029
2063-06-01	37	0.127	0.00137	39.4	0.00615	0.0017	0.06	0.102	0.00586	0.00041	0.000314	0.000418	0.0603	0.0364	0.000329	1.78E-06	0.00337	0.000388	0.000631	0.000218	0.00904	0.029
2063-07-01	37	0.127	0.00137	39.6	0.00617	0.0017	0.0602	0.103	0.00588	0.000411	0.000315	0.00042	0.0605	0.0365	0.00033	1.78E-06	0.00338	0.000389	0.000633	0.000218	0.00907	0.0291
2063-08-01	37	0.127	0.00137	39.7	0.00619	0.00171	0.0603	0.103	0.0059	0.000412	0.000316	0.000421	0.0607	0.0366	0.000331	1.79E-06	0.00339	0.00039	0.000635	0.000219	0.00909	0.0291
2063-09-01	37	0.128	0.00138	39.8	0.0062	0.00171	0.0605	0.103	0.00592	0.000414	0.000316	0.000422	0.0609	0.0367	0.000332	1.79E-06	0.0034	0.000391	0.000637	0.00022	0.00912	0.0292
2063-10-01	37	0.127	0.00137	39.5	0.00616	0.0017	0.0601	0.103	0.00588	0.000411	0.000314	0.000419	0.0605	0.0365	0.00033	1.78E-06	0.00338	0.000389	0.000633	0.000218	0.00906	0.029
2063-11-01	37	0.126	0.00136	39.4	0.00614	0.0017	0.0599	0.102	0.00586	0.00041	0.000313	0.000418	0.0603	0.0364	0.000329	1.78E-06	0.00337	0.000387	0.00063	0.000217	0.00903	0.0289
2063-12-01	37	0.126	0.00136	39.3	0.00613	0.00169	0.0598	0.102	0.00585	0.000409	0.000313	0.000417	0.0602	0.0363	0.000328	1.77E-06	0.00336	0.000387	0.000629	0.000217	0.00902	0.0289
2064-01-01	38	0.126	0.00136	39.3	0.00613	0.00169	0.0598	0.102	0.00585	0.000409	0.000313	0.000417	0.0602	0.0363	0.000328	1.77E-06	0.00336	0.000387	0.00063	0.000217	0.00902	0.0289
2064-02-01	38	0.125	0.00136	39	0.00605	0.00167	0.0599	0.101	0.00575	0.000402	0.000313	0.00041	0.0602	0.0357	0.000323	1.78E-06	0.00331	0.000381	0.000622	0.000216	0.00887	0.0289
2064-03-01	38	0.124	0.00135	38.6	0.00593	0.00163	0.06	0.1	0.00562	0.000393	0.000314	0.000401	0.0603	0.0349	0.000315	1.78E-06	0.00323	0.000372	0.00061	0.000214	0.00867	0.029
2064-04-01	38	0.119	0.00131	37.2	0.00554	0.0015	0.0602	0.0966	0.00518	0.000363	0.000315	0.00037	0.0605	0.0321	0.000291	1.79E-06	0.00298	0.000345	0.000573	0.000208	0.008	0.0291
2064-05-01	38	0.114	0.00128	35.6	0.00513	0.00137	0.06	0.0925	0.00473	0.000332	0.000314	0.000338	0.0603	0.0294	0.000266	1.78E-06	0.00272	0.000316	0.000534	0.0002	0.00732	0.029
2064-06-01	38	0.114	0.00127	35.6	0.00511	0.00136	0.06	0.0923	0.00471	0.000331	0.000314	0.000336	0.0603	0.0292	0.000264	1.78E-06	0.00271	0.000315	0.000532	0.0002	0.00729	0.029
2064-07-01	38	0.115	0.00128	35.7	0.00513	0.00137	0.0															

Pond 3																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2066-09-01	40	0.116	0.00328	35.7	0.00875	0.00194	0.183	0.0948	0.00674	0.000485	0.000216	0.000484	0.184	0.0416	0.000378	1.31E-06	0.00386	0.000479	0.000967	0.000495	0.0106	0.0193
2066-10-01	40	0.116	0.00327	35.6	0.00873	0.00194	0.183	0.0947	0.00673	0.000484	0.000216	0.000484	0.183	0.0416	0.000377	1.31E-06	0.00385	0.000478	0.000966	0.000494	0.0106	0.0193
2066-11-01	40	0.116	0.00327	35.6	0.00872	0.00194	0.183	0.0946	0.00672	0.000483	0.000216	0.000483	0.183	0.0415	0.000377	1.31E-06	0.00385	0.000477	0.000965	0.000493	0.0106	0.0192
2066-12-01	40	0.116	0.00327	35.5	0.00872	0.00193	0.183	0.0945	0.00672	0.000483	0.000216	0.000483	0.183	0.0415	0.000376	1.31E-06	0.00384	0.000477	0.000964	0.000493	0.0105	0.0192
2067-01-01	41	0.116	0.00326	35.5	0.00872	0.00193	0.183	0.0945	0.00672	0.000483	0.000216	0.000483	0.183	0.0415	0.000376	1.31E-06	0.00384	0.000477	0.000964	0.000493	0.0105	0.0192
2067-02-01	41	0.115	0.00326	35.2	0.00863	0.00191	0.183	0.0937	0.00662	0.000476	0.000216	0.000476	0.183	0.0409	0.000371	1.31E-06	0.00379	0.000471	0.000956	0.000491	0.0104	0.0192
2067-03-01	41	0.113	0.00325	34.7	0.0085	0.00186	0.183	0.0924	0.00647	0.000466	0.000216	0.000465	0.183	0.04	0.000363	1.31E-06	0.0037	0.000461	0.000943	0.000489	0.0102	0.0192
2067-04-01	41	0.106	0.0032	32.6	0.00792	0.00168	0.183	0.0869	0.00583	0.000422	0.000216	0.00042	0.183	0.036	0.000327	1.31E-06	0.00333	0.000421	0.000888	0.00048	0.0092	0.0192
2067-05-01	41	0.0888	0.00306	27	0.00645	0.0012	0.183	0.0727	0.00419	0.000309	0.000216	0.000303	0.183	0.0257	0.000235	1.31E-06	0.00239	0.000317	0.000747	0.000454	0.00669	0.0192
2067-06-01	41	0.0825	0.00302	25	0.00592	0.00103	0.183	0.0675	0.0036	0.000269	0.000216	0.000261	0.183	0.0221	0.000201	1.31E-06	0.00205	0.00028	0.000696	0.000445	0.00579	0.0192
2067-07-01	41	0.0818	0.00301	24.8	0.00585	0.00101	0.183	0.067	0.00353	0.000264	0.000216	0.000256	0.183	0.0216	0.000197	1.31E-06	0.002	0.000275	0.00069	0.000445	0.00568	0.0192
2067-08-01	41	0.0817	0.00302	24.8	0.00585	0.001	0.183	0.0669	0.00352	0.000263	0.000216	0.000256	0.183	0.0216	0.000197	1.31E-06	0.002	0.000275	0.00069	0.000445	0.00567	0.0193
2067-09-01	41	0.0818	0.00302	24.8	0.00585	0.00101	0.183	0.067	0.00352	0.000263	0.000216	0.000256	0.183	0.0216	0.000197	1.31E-06	0.002	0.000275	0.00069	0.000445	0.00567	0.0193
2067-10-01	41	0.0816	0.00301	24.8	0.00584	0.001	0.183	0.0668	0.00351	0.000263	0.000216	0.000255	0.183	0.0215	0.000197	1.31E-06	0.002	0.000275	0.000689	0.000445	0.00566	0.0193
2067-11-01	41	0.0815	0.00301	24.7	0.00583	0.001	0.183	0.0668	0.00351	0.000262	0.000216	0.000255	0.183	0.0215	0.000196	1.31E-06	0.00199	0.000274	0.000688	0.000444	0.00565	0.0192
2067-12-01	41	0.0814	0.00301	24.7	0.00583	0.001	0.183	0.0667	0.00351	0.000262	0.000216	0.000255	0.183	0.0215	0.000196	1.31E-06	0.00199	0.000274	0.000688	0.000444	0.00565	0.0192
2068-01-01	42	0.0814	0.00301	24.7	0.00583	0.001	0.183	0.0667	0.00351	0.000262	0.000216	0.000255	0.183	0.0215	0.000196	1.31E-06	0.00199	0.000274	0.000688	0.000444	0.00565	0.0192

Pond 2																					
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Pond 2 Statistics (Year 4 to Year 42)																					
Minimum		0.162	0.083	0.00645	0.000144	0.00431	0.00157	0.00021	0.0000049	4.79E-08	0.000282	1.75E-09	0.0000193	0.00071	2.45E-08	0.00000915	8.63E-08	0.169	9.84E-08	0.00000101	0.00000327
P10		21.45	11	1.275	0.02645	1.545	0.123	0.0246	0.000967	0.00000488	0.02605	0.000000205	0.000922	0.02295	0.000002865	0.00042	0.00000635	11.1	0.000009725	0.000118	0.000179
Median		63.45	31.9	4.415	0.06205	9.185	0.244	0.0268	0.002635	0.00000498	0.0265	0.000000223	0.00579	0.03045	0.00000312	0.00157	0.000006575	29.8	0.00002135	0.000297	0.0001915
P90		149	74.1	7.12	0.155	22.45	0.329	0.0277	0.00484	0.00000507	0.0269	0.000000231	0.01455	0.04865	0.00000323	0.004185	0.00000724	46.95	0.0000464	0.0006	0.000235
Maximum		161	80	7.69	0.168	24.5	0.468	0.0278	0.00618	0.00000517	0.0284	0.000000232	0.0158	0.0706	0.00000324	0.00511	0.00000866	49.3	0.00005	0.00065	0.000326
Monthly Results																					
2030-02-01	4	0.162	0.08	0.00645	0.000144	0.00431	0.00157	0.00021	4.90E-06	4.79E-08	0.000282	1.75E-09	1.93E-05	0.00071	2.45E-08	9.15E-06	8.63E-08	0.169	9.84E-08	1.01E-06	3.27E-06
2030-03-01	4	0.426	0.22	0.0169	0.000381	0.0114	0.00414	0.000553	1.29E-05	1.26E-07	0.000739	4.60E-09	5.05E-05	0.00186	6.45E-08	2.40E-05	2.26E-07	0.445	2.58E-07	2.65E-06	8.57E-06
2030-04-01	4	1.69	0.86	0.067	0.00153	0.0455	0.0166	0.0022	5.12E-05	4.99E-07	0.00293	1.83E-08	0.0002	0.00737	0.000000256	9.53E-05	8.97E-07	1.77	1.02E-06	1.05E-05	3.40E-05
2030-05-01	4	6.98	3.57	0.277	0.00641	0.19	0.0696	0.00911	0.000212	2.07E-06	0.0122	7.59E-08	0.000829	0.0305	0.00000106	0.000394	3.72E-06	7.35	4.23E-06	4.34E-05	0.00014
2030-06-01	4	12.1	6.19	0.481	0.0112	0.333	0.122	0.0158	0.000369	3.59E-06	0.0211	1.32E-07	0.00144	0.0529	0.00000185	0.000685	6.45E-06	12.8	7.33E-06	7.52E-05	0.000244
2030-07-01	4	14.3	7.32	0.568	0.0134	0.396	0.146	0.0188	0.000437	4.26E-06	0.025	1.56E-07	0.0017	0.0625	0.00000219	0.00081	7.63E-06	15.2	8.67E-06	8.89E-05	0.000288
2030-08-01	4	15.4	7.88	0.612	0.0146	0.43	0.158	0.0203	0.000471	4.59E-06	0.0269	1.69E-07	0.00183	0.0673	0.00000236	0.000873	8.22E-06	16.4	9.33E-06	9.58E-05	0.00031
2030-09-01	4	15.9	8.16	0.633	0.0152	0.447	0.165	0.021	0.000488	4.75E-06	0.0279	1.75E-07	0.0019	0.0696	0.00000245	0.000904	8.51E-06	17	9.65E-06	9.91E-05	0.000321
2030-10-01	4	16.2	8.27	0.642	0.0155	0.457	0.168	0.0213	0.000496	4.83E-06	0.0283	1.78E-07	0.00192	0.0705	0.00000249	0.000917	8.63E-06	17.3	9.78E-06	1.00E-04	0.000326
2030-11-01	4	16.2	8.29	0.644	0.0157	0.461	0.17	0.0214	0.000498	4.85E-06	0.0284	1.79E-07	0.00193	0.0706	0.0000025	0.00092	8.66E-06	17.4	9.81E-06	1.01E-04	0.000326
2030-12-01	4	16.2	8.28	0.643	0.0158	0.463	0.171	0.0215	0.000498	4.85E-06	0.0284	1.79E-07	0.00193	0.0706	0.0000025	0.000919	8.66E-06	17.4	9.80E-06	1.01E-04	0.000326
2031-01-01	5	16.2	8.29	0.643	0.0158	0.464	0.172	0.0215	0.000499	4.85E-06	0.0284	1.79E-07	0.00193	0.0706	0.0000025	0.000919	8.66E-06	17.4	9.80E-06	1.01E-04	0.000326
2031-02-01	5	16.4	8.38	0.651	0.0157	0.472	0.17	0.0216	0.000504	4.85E-06	0.0284	1.80E-07	0.00195	0.07	0.00000252	0.000926	8.62E-06	17.6	9.80E-06	0.000101	0.000324
2031-03-01	5	16.7	8.52	0.664	0.0156	0.486	0.167	0.0218	0.000513	4.86E-06	0.0283	1.81E-07	0.00198	0.0692	0.00000254	0.000938	8.57E-06	17.8	9.81E-06	0.000101	0.00032
2031-04-01	5	18	9.17	0.721	0.0151	0.547	0.155	0.0225	0.000552	4.89E-06	0.0281	1.88E-07	0.00211	0.0654	0.00000263	0.000987	8.29E-06	18.9	9.81E-06	0.000103	0.000302
2031-05-01	5	22	11.10	0.889	0.0133	0.731	0.117	0.0248	0.000665	4.94E-06	0.0269	2.06E-07	0.00251	0.0528	0.00000289	0.00113	7.36E-06	22	9.73E-06	0.000109	0.000242
2031-06-01	5	23.5	11.80	0.958	0.0124	0.81	0.0971	0.0255	0.000711	4.89E-06	0.026	2.13E-07	0.00267	0.046	0.00000298	0.00118	6.81E-06	23.3	9.55E-06	0.00011	0.00021
2031-07-01	5	24.2	12.10	0.984	0.0124	0.838	0.0947	0.026	0.00073	4.94E-06	0.0262	2.17E-07	0.00274	0.0451	0.00000303	0.00121	6.78E-06	23.8	9.62E-06	0.000111	0.000206
2031-08-01	5	24.6	12.30	1	0.0125	0.856	0.0949	0.0264	0.000743	5.00E-06	0.0264	2.20E-07	0.00278	0.0451	0.00000308	0.00123	6.82E-06	24.2	9.73E-06	0.000113	0.000206
2031-09-01	5	25.2	12.60	1.03	0.0128	0.881	0.0973	0.0271	0.000763	5.13E-06	0.027	2.26E-07	0.00286	0.046	0.00000316	0.00126	6.97E-06	24.9	9.96E-06	0.000116	0.00021
2031-10-01	5	24.9	12.50	1.01	0.0127	0.871	0.0964	0.0267	0.000753	5.05E-06	0.0266	2.22E-07	0.00282	0.0451	0.00000311	0.00124	6.85E-06	24.6	9.79E-06	0.000114	0.000206
2031-11-01	5	24.6	12.30	1	0.0126	0.865	0.0961	0.0264	0.000745	5.00E-06	0.0263	2.20E-07	0.00279	0.0445	0.00000308	0.00123	6.78E-06	24.4	9.69E-06	0.000113	0.000204
2031-12-01	5	24.5	12.30	0.998	0.0126	0.862	0.0961	0.0263	0.000742	4.98E-06	0.0262	2.19E-07	0.00277	0.0443	0.00000307	0.00122	6.74E-06	24.3	9.63E-06	0.000112	0.000203
2032-01-01	6	24.5	12.30	0.998	0.0126	0.862	0.0962	0.0263	0.000742	4.98E-06	0.0262	2.19E-07	0.00277	0.0442	0.00000307	0.00122	6.74E-06	24.2	9.63E-06	0.000112	0.000202
2032-02-01	6	24.5	12.30	1	0.0128	0.879															

Pond 2																					
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2034-07-01	8	39.6	19.80	1.74	0.0334	3.85	0.121	0.0263	0.00103	4.94E-06	0.026	2.19E-07	0.00411	0.0598	0.00000307	0.00127	6.62E-06	28	1.41E-05	0.000171	0.000197
2034-08-01	8	40.1	20.00	1.77	0.0339	3.91	0.123	0.0266	0.00104	5.00E-06	0.0263	2.22E-07	0.00416	0.0605	0.0000031	0.00128	6.69E-06	28.3	1.42E-05	0.000173	0.000199
2034-09-01	8	41.1	20.50	1.81	0.0347	4.01	0.126	0.0272	0.00106	5.11E-06	0.0269	2.27E-07	0.00426	0.062	0.00000317	0.00131	6.84E-06	29	1.46E-05	0.000177	0.000203
2034-10-01	8	40.8	20.40	1.8	0.0345	3.99	0.125	0.027	0.00105	5.07E-06	0.0267	2.25E-07	0.00423	0.0616	0.00000315	0.0013	6.79E-06	28.7	1.45E-05	0.000176	0.000202
2034-11-01	8	40.3	20.20	1.78	0.0341	3.94	0.124	0.0267	0.00104	5.01E-06	0.0264	2.22E-07	0.00418	0.0609	0.00000311	0.00128	6.71E-06	28.4	1.43E-05	0.000174	0.000199
2034-12-01	8	40.1	20.00	1.77	0.034	3.92	0.123	0.0265	0.00104	4.99E-06	0.0262	2.21E-07	0.00416	0.0605	0.0000031	0.00128	6.67E-06	28.2	1.42E-05	0.000173	0.000198
2035-01-01	9	40.1	20.00	1.76	0.034	3.92	0.123	0.0265	0.00104	4.98E-06	0.0262	2.21E-07	0.00415	0.0605	0.00000309	0.00128	6.67E-06	28.2	1.42E-05	0.000173	0.000198
2035-02-01	9	40.3	20.10	1.78	0.0342	3.95	0.123	0.0265	0.00104	4.98E-06	0.0262	2.21E-07	0.00417	0.0603	0.00000309	0.00128	6.67E-06	28.3	1.43E-05	0.000173	0.000198
2035-03-01	9	40.7	20.30	1.79	0.0345	3.99	0.124	0.0265	0.00105	4.99E-06	0.0263	2.21E-07	0.00421	0.06	0.0000031	0.00129	6.68E-06	28.4	1.44E-05	0.000175	0.000198
2035-04-01	9	42.3	21.10	1.87	0.0359	4.19	0.126	0.0266	0.00108	5.00E-06	0.0263	2.22E-07	0.00436	0.0585	0.0000031	0.00131	6.70E-06	28.9	1.49E-05	0.000181	0.000199
2035-05-01	9	46.7	23.30	2.09	0.0398	4.73	0.131	0.0265	0.00117	4.98E-06	0.0263	2.20E-07	0.00476	0.0534	0.00000309	0.00138	6.69E-06	30	1.62E-05	0.000199	0.000199
2035-06-01	9	48.1	24.00	2.16	0.0411	4.91	0.131	0.026	0.00119	4.90E-06	0.0259	2.17E-07	0.00488	0.0503	0.00000304	0.0014	6.59E-06	30.1	1.66E-05	0.000204	0.000197
2035-07-01	9	49	24.40	2.2	0.0419	5.01	0.133	0.0263	0.00121	4.95E-06	0.0261	2.19E-07	0.00497	0.0503	0.00000306	0.00142	6.65E-06	30.5	1.69E-05	0.000208	0.000199
2035-08-01	9	49.6	24.80	2.23	0.0425	5.09	0.135	0.0265	0.00122	5.00E-06	0.0264	2.21E-07	0.00504	0.0506	0.0000031	0.00143	6.72E-06	30.8	1.71E-05	0.000211	0.000201
2035-09-01	9	51	25.50	2.29	0.0437	5.23	0.139	0.0273	0.00126	5.13E-06	0.0271	2.27E-07	0.00518	0.0519	0.00000318	0.00147	6.90E-06	31.7	1.76E-05	0.000217	0.000206
2035-10-01	9	50.3	25.10	2.26	0.0431	5.16	0.137	0.0268	0.00124	5.06E-06	0.0267	2.24E-07	0.00511	0.0511	0.00000313	0.00145	6.80E-06	31.2	1.74E-05	0.000213	0.000203
2035-11-01	9	49.8	24.90	2.24	0.0427	5.11	0.136	0.0266	0.00123	5.00E-06	0.0264	2.21E-07	0.00505	0.0505	0.0000031	0.00144	6.73E-06	30.9	1.72E-05	0.000211	0.000201
2035-12-01	9	49.6	24.70	2.23	0.0425	5.08	0.135	0.0264	0.00122	4.98E-06	0.0263	2.20E-07	0.00503	0.0503	0.00000309	0.00143	6.69E-06	30.8	1.71E-05	0.00021	0.0002
2036-01-01	10	49.5	24.70	2.23	0.0425	5.08	0.135	0.0264	0.00122	4.98E-06	0.0263	2.20E-07	0.00503	0.0502	0.00000308	0.00143	6.69E-06	30.8	1.71E-05	0.00021	0.0002
2036-02-01	10	49.7	24.80	2.23	0.0427	5.11	0.135	0.0264	0.00122	4.98E-06	0.0263	2.20E-07	0.00504	0.0502	0.00000309	0.00143	6.69E-06	30.8	1.71E-05	0.000211	0.0002
2036-03-01	10	49.9	24.90	2.24	0.0429	5.16	0.136	0.0265	0.00122	4.98E-06	0.0263	2.21E-07	0.00506	0.0501	0.00000309	0.00143	6.69E-06	30.8	1.72E-05	0.000212	0.0002
2036-04-01	10	50.8	25.40	2.28	0.0441	5.36	0.136	0.0266	0.00123	5.00E-06	0.0264	2.21E-07	0.00515	0.0498	0.0000031	0.00144	6.69E-06	31	1.74E-05	0.000215	0.000199
2036-05-01	10	53	26.40	2.36	0.0471	5.88	0.137	0.0266	0.00123	4.98E-06	0.0262	2.22E-07	0.00537	0.0483	0.0000031	0.00146	6.61E-06	31.2	1.80E-05	0.000222	0.000195
2036-06-01	10	53.1	26.50	2.36	0.0477	6.02	0.135	0.0262	0.00122	4.90E-06	0.0258	2.19E-07	0.00538	0.047	0.00000306	0.00144	6.48E-06	30.9	1.80E-05	0.000222	0.00019
2036-07-01	10	53.8	26.80	2.39	0.0484	6.12	0.137	0.0265	0.00123	4.94E-06	0.026	2.21E-07	0.00545	0.0473	0.00000309	0.00145	6.53E-06	31.2	1.82E-05	0.000225	0.000192
2036-08-01	10	54.3	27.10	2.42	0.049	6.19	0.138	0.0267	0.00124	4.99E-06	0.0262	2.23E-07	0.00551	0.0477	0.00000312	0.00147	6.60E-06	31.5	1.84E-05	0.000227	0.000193
2036-09-01	10	55.2	27.50	2.45	0.0498	6.29	0.141	0.0271	0.00126	5.07E-06	0.0266	2.26E-07	0.00559	0.0484	0.00000317	0.00149	6.70E-06	32	1.87E-05	0.000231	0.000196
2036-10-01	10	55.3	27.60	2.46	0.0499	6.31	0.141	0.0272	0.00126	5.08E-06	0.0267	2.27E-07	0.00561	0.0485	0.00000317	0.00149	6.71E-06	32.1	1.87E-05	0.000231	0.000197
2036-11-01	10	54.9	27.40	2.44	0.0496	6.26	0.14	0.027	0.00125	5.04E-06	0.0265	2.25E-07	0.00556	0.0481	0.00000315	0.00148	6.65E-06	31.8	1.86E-05	0.000229	0.000195
2036-12-01	10	54.5	27.20	2.42	0.0492	6.22	0.139	0.0268	0.00124	5.00E-06	0.0263	2.23E-07	0.00552	0.0477	0.00000313	0.00147	6.61E-06	31.6	1.84E-05	0.000228	0.000194
2037-01-01	11	54.4	27.20	2.42	0.0492	6.21	0.139	0.0268	0.00124	5.00E-06	0.0263	2.23E-07	0.00552	0.0477	0.00000312	0.00147	6.60E-06	31.5	1.84E-05	0.000228	0.000193
2037-02-01	11	54.6	27.20	2.43	0.0493	6.23	0.139	0.0268	0.00124	5.00E-06	0.0263	2.23E-07	0.00553	0.0476	0.00000312	0.00147	6.60E-06	31.5	1.85E-05	0.000228	0.000193
2037-03-01	11	54.8	27.30	2.44	0.0495	6.27	0.14	0.0268	0.00125	5.00E-06	0.0263	2.23E-07	0.00555	0.0476	0.00000313	0.00148	6.60E-06	31.5	1.85E-05	0.000229	0.000193
2037-04-01	11	55.6	27.80	2.49	0.0505	6.42	0.14	0.0269	0.00126	5.01E-06	0.0263	2.24E-07	0.00563	0.0474	0.00000313	0.00151	6.61E-06	31.4	1.88E-05	0.000232	0.000193
2037-05-01	11	57.5	28.70	2.6	0.0527	6.79	0.141	0.0268	0.00129	4.99E-06	0.0262	2.23E-07	0.0058	0.0464	0.00000312	0.00156	6.55E-06	30.7	1.93E-05	0.00024	0.000191
2037-06-01	11	57.4	28.60	2.61	0.0528	6.84	0.14	0.0263	0.00128	4.90E-06	0.0257	2.20E-07	0.00578	0.0453	0.00000307	0.00156	6.42E-06	29.9	1.92E-05	0.000239	0.000187
2037-07-01	11	58.1	29.00	2.64	0.0535	6.93	0.141	0.0266	0.0013	4.94E-06	0.0259	2.21E-07	0.00584	0.0456	0.0000031	0.00158	6.48E-06	30.2	1.94E-05	0.000242	0.000188
2037-08-01	11	58.7	29.30	2.67	0.0541	7.01	0.143	0.0268	0.00131	4.99E-06	0.0262	2.24E-07	0.0059	0.046	0.00000313	0.0016	6.54E-06	30.4	1.96E-05	0.000245	0.00019
2037-09-01	11	59.5	29.70	2.7	0.0548	7.1	0.145	0.0272	0.00133	5.05E-06	0.0265	2.27E-07	0.00598	0.0466	0.00000317	0.00162	6.62E-06	30.8	1.99E-05	0.000248	0.000192
2037-10-01	11	59.6	29.70	2.71	0.0549	7.11	0.145	0.0272	0.00133	5.06E-06	0.0265	2.27E-07	0.00599	0.0466	0.00000318	0.00162	6.63E-06	30.8	1.99E-05	0.000248	0.000193
2037-11-01	11	60.1	30.00	2.73	0.0554	7.18	0.147	0.0275	0.00134	5.11E-06	0.0268	2.29E-07	0.00604	0.0471	0.00000321	0.00164	6.69E-06	31.1	2.01E-05	0.00025	0.000194
2037-12-01	11	59.4	29.60	2.7	0.0548	7.1	0.145	0.0271	0.00132	5.05E-06	0.0265	2.26E-07	0.00597	0.0465	0.00000317	0.00162	6.61E-06	30.8	1.99E-05	0.000247	0.000192
2038-01-01	12	59.3	29.60	2.69	0.0547	7.08	0.145	0.0271	0.00132	5.04E-06	0.0264	2.26E-07	0.00596	0.0464	0.00000316	0.00162	6.60E-06	30.7	1.98E-05	0.000247	0.000192
2038-02-01	12	59.4	29.60	2.7	0.0548	7.11	0.145	0.0271	0.00132	5.04E-06	0.0264	2.26E-07	0.00597	0.0464	0.00000316	0.00162	6.59E-06	30.7	1.98E-05	0.000247	0.000191
2038-03-01	12	59.6	29.70	2.71	0.0551	7.15	0.145	0.0271	0.00133	5.04E-06	0.0264	2.26E-07	0.00599	0.0464	0.00000316	0.00162	6.60E-06	30.6	1.99E-05	0.000248	0.000191
2038-04-01	12	60.4	30.10	2.76	0.0561	7.33	0.146	0.0271	0.00134	5.04E-06	0.0264	2.26E-07	0.00605	0.0464	0.00000317	0.00163	6.59E-06	30.4	2.01E-05	0.000251	0.000191
2038-05-01	12	61.9	30.90	2.85	0.0585	7.77	0.147	0.027	0.00135	5.00E-06											

Pond 2																					
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2039-07-01	13	66	32.90	3.14	0.0647	9.02	0.151	0.0269	0.00148	4.94E-06	0.0258	2.24E-07	0.00644	0.0463	0.00000314	0.00169	6.33E-06	28.8	2.16E-05	0.000274	0.000179
2039-08-01	13	66.6	33.20	3.17	0.0654	9.11	0.152	0.0271	0.0015	4.99E-06	0.026	2.26E-07	0.00649	0.0467	0.00000317	0.00171	6.38E-06	29	2.18E-05	0.000276	0.00018
2039-09-01	13	67.2	33.50	3.19	0.0659	9.19	0.154	0.0274	0.00151	5.03E-06	0.0262	2.28E-07	0.00655	0.0471	0.00000319	0.00172	6.43E-06	29.2	2.20E-05	0.000279	0.000182
2039-10-01	13	67.1	33.50	3.19	0.0659	9.18	0.154	0.0273	0.00151	5.02E-06	0.0262	2.28E-07	0.00654	0.047	0.00000319	0.00172	6.42E-06	29.2	2.20E-05	0.000278	0.000182
2039-11-01	13	67.1	33.50	3.19	0.0659	9.18	0.154	0.0273	0.00151	5.02E-06	0.0262	2.28E-07	0.00654	0.047	0.00000319	0.00172	6.42E-06	29.2	2.20E-05	0.000278	0.000182
2039-12-01	13	68.1	34.00	3.24	0.0669	9.32	0.156	0.0278	0.00153	5.10E-06	0.0266	2.31E-07	0.00664	0.0477	0.00000324	0.00175	6.52E-06	29.7	2.23E-05	0.000283	0.000184
2040-01-01	14	67.9	33.90	3.23	0.0667	9.3	0.156	0.0277	0.00153	5.09E-06	0.0265	2.31E-07	0.00662	0.0476	0.00000323	0.00174	6.50E-06	29.6	2.22E-05	0.000282	0.000184
2040-02-01	14	68.1	34.00	3.24	0.0669	9.33	0.156	0.0277	0.00153	5.08E-06	0.0265	2.31E-07	0.00664	0.0475	0.00000323	0.00175	6.50E-06	29.6	2.23E-05	0.000283	0.000184
2040-03-01	14	68.4	34.10	3.26	0.0672	9.37	0.156	0.0277	0.00154	5.08E-06	0.0265	2.31E-07	0.00666	0.0473	0.00000323	0.00176	6.50E-06	29.6	2.24E-05	0.000284	0.000184
2040-04-01	14	69.6	34.70	3.32	0.0684	9.56	0.158	0.0276	0.00157	5.08E-06	0.0265	2.30E-07	0.00676	0.0464	0.00000322	0.00179	6.49E-06	29.8	2.27E-05	0.000289	0.000183
2040-05-01	14	72	35.90	3.46	0.0709	9.97	0.16	0.0272	0.00163	5.01E-06	0.0261	2.27E-07	0.00697	0.0437	0.00000318	0.00186	6.40E-06	29.9	2.34E-05	0.000299	0.000181
2040-06-01	14	71.8	35.80	3.46	0.0707	9.97	0.158	0.0267	0.00163	4.91E-06	0.0256	2.23E-07	0.00693	0.042	0.00000312	0.00186	6.27E-06	29.5	2.33E-05	0.000298	0.000177
2040-07-01	14	72.5	36.20	3.5	0.0715	10.1	0.16	0.0269	0.00164	4.95E-06	0.0258	2.24E-07	0.007	0.0422	0.00000314	0.00188	6.32E-06	29.8	2.36E-05	0.000301	0.000179
2040-08-01	14	73.2	36.50	3.54	0.0722	10.2	0.162	0.0272	0.00166	4.99E-06	0.026	2.26E-07	0.00707	0.0425	0.00000317	0.00189	6.38E-06	30.1	2.38E-05	0.000304	0.00018
2040-09-01	14	73.9	36.80	3.57	0.0728	10.3	0.163	0.0274	0.00168	5.03E-06	0.0262	2.28E-07	0.00713	0.0429	0.00000319	0.00191	6.43E-06	30.3	2.40E-05	0.000306	0.000182
2040-10-01	14	73.8	36.80	3.56	0.0728	10.3	0.163	0.0274	0.00167	5.02E-06	0.0262	2.28E-07	0.00713	0.0428	0.00000319	0.00191	6.42E-06	30.3	2.40E-05	0.000306	0.000182
2040-11-01	14	73.8	36.80	3.56	0.0728	10.3	0.163	0.0273	0.00167	5.02E-06	0.0262	2.28E-07	0.00712	0.0428	0.00000319	0.00191	6.42E-06	30.3	2.40E-05	0.000306	0.000181
2040-12-01	14	75	37.40	3.62	0.074	10.4	0.166	0.0278	0.0017	5.10E-06	0.0266	2.32E-07	0.00724	0.0435	0.00000324	0.00194	6.52E-06	30.8	2.44E-05	0.000311	0.000184
2041-01-01	15	74.8	37.30	3.61	0.0737	10.4	0.165	0.0277	0.0017	5.09E-06	0.0265	2.31E-07	0.00722	0.0433	0.00000323	0.00193	6.50E-06	30.7	2.43E-05	0.00031	0.000184
2041-02-01	15	74.9	37.40	3.62	0.0739	10.4	0.166	0.0277	0.0017	5.09E-06	0.0265	2.31E-07	0.00723	0.0432	0.00000323	0.00194	6.50E-06	30.8	2.43E-05	0.000311	0.000184
2041-03-01	15	75.2	37.50	3.63	0.0742	10.5	0.166	0.0277	0.0017	5.09E-06	0.0265	2.31E-07	0.00726	0.0431	0.00000323	0.00195	6.50E-06	30.8	2.44E-05	0.000312	0.000184
2041-04-01	15	76.4	38.10	3.69	0.0755	10.7	0.167	0.0276	0.00173	5.08E-06	0.0265	2.30E-07	0.00738	0.0424	0.00000323	0.002	6.49E-06	31.1	2.48E-05	0.000317	0.000183
2041-05-01	15	78.8	39.30	3.81	0.078	11	0.169	0.0272	0.00177	5.01E-06	0.0261	2.27E-07	0.00762	0.0401	0.00000318	0.00211	6.39E-06	31.5	2.55E-05	0.000326	0.000181
2041-06-01	15	78.6	39.20	3.79	0.0778	11	0.168	0.0267	0.00176	4.91E-06	0.0256	2.23E-07	0.0076	0.0388	0.00000312	0.00212	6.27E-06	31.2	2.54E-05	0.000325	0.000177
2041-07-01	15	79.4	39.60	3.83	0.0786	11.1	0.169	0.0269	0.00177	4.95E-06	0.0258	2.24E-07	0.00768	0.039	0.00000314	0.00214	6.32E-06	31.5	2.56E-05	0.000328	0.000179
2041-08-01	15	80.1	40.00	3.87	0.0794	11.3	0.171	0.0272	0.00179	4.99E-06	0.0261	2.26E-07	0.00775	0.0393	0.00000317	0.00216	6.37E-06	31.8	2.59E-05	0.000331	0.00018
2041-09-01	15	80.8	40.30	3.9	0.08	11.3	0.172	0.0274	0.00181	5.03E-06	0.0263	2.28E-07	0.00781	0.0396	0.00000319	0.00218	6.42E-06	32.1	2.61E-05	0.000334	0.000182
2041-10-01	15	80.7	40.30	3.9	0.08	11.3	0.172	0.0274	0.0018	5.02E-06	0.0262	2.28E-07	0.00781	0.0395	0.00000319	0.00218	6.42E-06	32	2.61E-05	0.000334	0.000181
2041-11-01	15	80.7	40.20	3.89	0.08	11.3	0.172	0.0273	0.0018	5.02E-06	0.0262	2.28E-07	0.0078	0.0395	0.00000319	0.00218	6.41E-06	32	2.60E-05	0.000334	0.000181
2041-12-01	15	81.9	40.80	3.95	0.0812	11.5	0.175	0.0277	0.00183	5.10E-06	0.0266	2.31E-07	0.00792	0.04	0.00000324	0.00221	6.51E-06	32.5	2.64E-05	0.000339	0.000184
2042-01-01	16	81.7	40.70	3.94	0.081	11.5	0.175	0.0277	0.00183	5.08E-06	0.0265	2.31E-07	0.0079	0.0399	0.00000323	0.00221	6.49E-06	32.4	2.64E-05	0.000338	0.000184
2042-02-01	16	81.9	40.80	3.96	0.0812	11.5	0.175	0.0277	0.00184	5.08E-06	0.0265	2.31E-07	0.00791	0.0398	0.00000323	0.00221	6.49E-06	32.4	2.64E-05	0.000339	0.000184
2042-03-01	16	82.3	41.00	3.98	0.0815	11.6	0.175	0.0277	0.00185	5.08E-06	0.0265	2.31E-07	0.00794	0.0396	0.00000323	0.00222	6.49E-06	32.5	2.65E-05	0.00034	0.000184
2042-04-01	16	83.8	41.80	4.09	0.083	11.8	0.177	0.0276	0.00192	5.07E-06	0.0265	2.30E-07	0.00804	0.0388	0.00000322	0.00225	6.48E-06	32.6	2.70E-05	0.000347	0.000183
2042-05-01	16	86.9	43.30	4.34	0.086	12.4	0.18	0.0273	0.00207	5.01E-06	0.0262	2.27E-07	0.00823	0.0362	0.00000318	0.0023	6.39E-06	32.5	2.79E-05	0.000361	0.000181
2042-06-01	16	86.7	43.20	4.36	0.0857	12.4	0.179	0.0267	0.00209	4.91E-06	0.0257	2.23E-07	0.00817	0.0347	0.00000312	0.00229	6.26E-06	32	2.78E-05	0.00036	0.000177
2042-07-01	16	87.6	43.70	4.41	0.0867	12.5	0.181	0.0269	0.00212	4.95E-06	0.0259	2.24E-07	0.00826	0.0348	0.00000314	0.00231	6.31E-06	32.3	2.81E-05	0.000364	0.000179
2042-08-01	16	88.5	44.10	4.46	0.0875	12.7	0.183	0.0272	0.00214	4.99E-06	0.0261	2.26E-07	0.00833	0.0351	0.00000317	0.00234	6.37E-06	32.6	2.84E-05	0.000368	0.00018
2042-09-01	16	89.2	44.50	4.49	0.0883	12.8	0.184	0.0274	0.00216	5.03E-06	0.0263	2.28E-07	0.0084	0.0354	0.0000032	0.00235	6.42E-06	32.9	2.86E-05	0.000371	0.000182
2042-10-01	16	89.1	44.50	4.49	0.0882	12.8	0.184	0.0274	0.00216	5.02E-06	0.0263	2.28E-07	0.0084	0.0353	0.00000319	0.00235	6.41E-06	32.9	2.86E-05	0.00037	0.000181
2042-11-01	16	89.1	44.40	4.49	0.0882	12.8	0.184	0.0274	0.00216	5.02E-06	0.0263	2.28E-07	0.00839	0.0353	0.00000319	0.00235	6.41E-06	32.8	2.86E-05	0.00037	0.000181
2042-12-01	16	90.3	45.00	4.55	0.0894	12.9	0.187	0.0277	0.00219	5.09E-06	0.0266	2.31E-07	0.0085	0.0357	0.00000323	0.00238	6.49E-06	33.3	2.89E-05	0.000375	0.000184
2043-01-01	17	90	44.90	4.54	0.0891	12.9	0.186	0.0276	0.00218	5.07E-06	0.0265	2.30E-07	0.00848	0.0356	0.00000322	0.00238	6.48E-06	33.2	2.89E-05	0.000374	0.000183
2043-02-01	17	90.2	45.00	4.55	0.0893	12.9	0.187	0.0276	0.00218	5.07E-06	0.0265	2.30E-07	0.00849	0.0356	0.00000322	0.00238	6.48E-06	33.2	2.89E-05	0.000375	0.000183
2043-03-01	17	90.5	45.20	4.56	0.0896	13	0.187	0.0276	0.00219	5.07E-06	0.0265	2.30E-07	0.00852	0.0355	0.00000322	0.00238	6.48E-06	33.3	2.90E-05	0.000376	0.000183
2043-04-01	17	91.7	45.80	4.63	0.0909	13.2	0.188	0.0276	0.00222	5.07E-06	0.0265	2.30E-07	0.00863	0.035	0.00000322	0.00241	6.47E-06	33.5	2.94E-05	0.000381	0.000183
2043-05-01	17	94	46.90	4.76	0.0933	13.6	0.19	0.0272	0.00227	5.0											

Pond 2																					
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L
2044-07-01	18	102	50.70	5.17	0.101	14.8	0.2	0.027	0.00247	4.95E-06	0.0259	2.25E-07	0.00948	0.0306	0.00000315	0.00266	6.31E-06	35.2	3.23E-05	0.000421	0.000179
2044-08-01	18	102	51.10	5.22	0.102	15	0.202	0.0272	0.0025	4.99E-06	0.0262	2.27E-07	0.00957	0.0308	0.00000317	0.00268	6.37E-06	35.5	3.26E-05	0.000425	0.00018
2044-09-01	18	103	51.50	5.26	0.103	15.1	0.204	0.0274	0.00252	5.03E-06	0.0264	2.28E-07	0.00964	0.031	0.0000032	0.0027	6.41E-06	35.8	3.28E-05	0.000428	0.000181
2044-10-01	18	103	51.50	5.26	0.103	15.1	0.204	0.0274	0.00251	5.02E-06	0.0263	2.28E-07	0.00963	0.031	0.00000319	0.0027	6.41E-06	35.7	3.28E-05	0.000428	0.000181
2044-11-01	18	103	51.40	5.25	0.103	15	0.204	0.0274	0.00251	5.02E-06	0.0263	2.28E-07	0.00963	0.031	0.00000319	0.0027	6.40E-06	35.7	3.28E-05	0.000428	0.000181
2044-12-01	18	105	52.10	5.33	0.104	15.3	0.207	0.0277	0.00255	5.09E-06	0.0267	2.31E-07	0.00976	0.0314	0.00000323	0.00274	6.49E-06	36.2	3.32E-05	0.000433	0.000184
2045-01-01	19	104	52.00	5.31	0.104	15.2	0.206	0.0277	0.00254	5.08E-06	0.0266	2.31E-07	0.00974	0.0313	0.00000323	0.00273	0.00000648	36.1	3.32E-05	0.000432	0.000183
2045-02-01	19	104	52.10	5.33	0.104	15.3	0.207	0.0277	0.00255	5.08E-06	0.0266	2.31E-07	0.00975	0.0313	0.00000323	0.00274	0.00000647	36.2	3.32E-05	0.000433	0.000183
2045-03-01	19	105	52.30	5.35	0.104	15.3	0.207	0.0277	0.00256	5.08E-06	0.0266	2.31E-07	0.00978	0.0312	0.00000323	0.00275	0.00000647	36.2	3.33E-05	0.000435	0.000183
2045-04-01	19	106	52.90	5.43	0.106	15.5	0.209	0.0276	0.00261	5.07E-06	0.0266	2.30E-07	0.00988	0.0307	0.00000322	0.00279	0.00000646	36.5	3.37E-05	0.00044	0.000183
2045-05-01	19	108	54.00	5.59	0.108	15.9	0.21	0.0272	0.00272	4.99E-06	0.0262	2.27E-07	0.01	0.0293	0.00000317	0.00285	0.00000637	36.8	3.43E-05	0.00045	0.00018
2045-06-01	19	108	53.80	5.59	0.107	15.9	0.209	0.0268	0.00272	4.91E-06	0.0258	2.23E-07	0.00999	0.0284	0.00000312	0.00285	0.00000626	36.5	3.42E-05	0.000448	0.000177
2045-07-01	19	109	54.50	5.65	0.108	16.1	0.211	0.027	0.00276	4.96E-06	0.026	2.25E-07	0.0101	0.0286	0.00000315	0.00288	0.00000632	36.8	3.46E-05	0.000453	0.000179
2045-08-01	19	110	54.90	5.7	0.109	16.2	0.213	0.0272	0.00278	5.00E-06	0.0262	2.27E-07	0.0102	0.0288	0.00000318	0.0029	0.00000637	37.1	3.49E-05	0.000457	0.00018
2045-09-01	19	111	55.30	5.74	0.11	16.3	0.215	0.0274	0.0028	5.03E-06	0.0264	2.28E-07	0.0103	0.029	0.0000032	0.00293	0.00000641	37.4	3.51E-05	0.000461	0.000181
2045-10-01	19	111	55.20	5.74	0.11	16.3	0.214	0.0274	0.0028	5.02E-06	0.0264	2.28E-07	0.0102	0.029	0.00000319	0.00292	0.0000064	37.4	3.51E-05	0.00046	0.000181
2045-11-01	19	111	55.20	5.73	0.11	16.3	0.214	0.0274	0.0028	5.02E-06	0.0263	2.28E-07	0.0102	0.0289	0.00000319	0.00292	0.0000064	37.3	3.50E-05	0.00046	0.000181
2045-12-01	19	112	55.90	5.8	0.111	16.5	0.217	0.0277	0.00283	5.08E-06	0.0266	2.31E-07	0.0104	0.0293	0.00000323	0.00295	0.00000647	37.8	3.55E-05	0.000465	0.000183
2046-01-01	20	112	55.80	5.79	0.111	16.5	0.217	0.0276	0.00283	5.07E-06	0.0266	2.30E-07	0.0103	0.0292	0.00000323	0.00295	0.00000646	37.7	3.54E-05	0.000464	0.000183
2046-02-01	20	112	55.90	5.8	0.111	16.5	0.217	0.0276	0.00283	5.07E-06	0.0266	2.30E-07	0.0104	0.0292	0.00000322	0.00296	0.00000646	37.8	3.55E-05	0.000465	0.000183
2046-03-01	20	112	56.00	5.82	0.112	16.5	0.217	0.0276	0.00284	5.07E-06	0.0266	2.30E-07	0.0104	0.0291	0.00000322	0.00296	0.00000646	37.8	3.56E-05	0.000466	0.000183
2046-04-01	20	114	56.70	5.89	0.113	16.8	0.219	0.0276	0.00287	5.07E-06	0.0266	2.30E-07	0.0105	0.0288	0.00000322	0.003	0.00000646	38.1	3.59E-05	0.000472	0.000183
2046-05-01	20	116	57.70	5.99	0.115	17.1	0.22	0.0272	0.00291	4.99E-06	0.0262	2.27E-07	0.0107	0.0277	0.00000318	0.00306	0.00000636	38.3	3.65E-05	0.00048	0.00018
2046-06-01	20	115	57.30	5.96	0.115	17	0.218	0.0268	0.00289	4.91E-06	0.0258	2.23E-07	0.0106	0.027	0.00000312	0.00304	0.00000626	37.9	3.63E-05	0.000477	0.000177
2046-07-01	20	116	58.00	6.02	0.116	17.2	0.221	0.027	0.00292	4.95E-06	0.026	2.25E-07	0.0107	0.0272	0.00000315	0.00307	0.00000631	38.3	3.67E-05	0.000482	0.000179
2046-08-01	20	117	58.50	6.08	0.117	17.4	0.223	0.0272	0.00294	4.99E-06	0.0262	2.27E-07	0.0108	0.0274	0.00000318	0.0031	0.00000636	38.6	3.70E-05	0.000486	0.00018
2046-09-01	20	118	58.90	6.12	0.118	17.5	0.225	0.0274	0.00297	5.03E-06	0.0264	2.29E-07	0.0109	0.0276	0.0000032	0.00312	0.00000641	38.9	3.73E-05	0.00049	0.000181
2046-10-01	20	118	58.80	6.11	0.118	17.5	0.224	0.0274	0.00296	5.02E-06	0.0264	2.28E-07	0.0109	0.0275	0.00000319	0.00312	0.0000064	38.8	3.72E-05	0.000489	0.000181
2046-11-01	20	118	58.80	6.11	0.117	17.5	0.224	0.0274	0.00296	5.02E-06	0.0264	2.28E-07	0.0109	0.0275	0.00000319	0.00312	0.00000639	38.8	3.72E-05	0.000489	0.000181
2046-12-01	20	119	59.50	6.19	0.119	17.7	0.227	0.0277	0.003	5.08E-06	0.0267	2.31E-07	0.011	0.0278	0.00000323	0.00316	0.00000647	39.3	3.77E-05	0.000495	0.000183
2047-01-01	21	119	59.40	6.17	0.119	17.7	0.227	0.0277	0.00299	5.07E-06	0.0266	2.31E-07	0.011	0.0278	0.00000323	0.00315	0.00000646	39.2	3.76E-05	0.000494	0.000183
2047-02-01	21	119	59.50	6.18	0.119	17.7	0.227	0.0277	0.00299	5.07E-06	0.0266	2.30E-07	0.011	0.0278	0.00000323	0.00315	0.00000646	39.3	3.77E-05	0.000495	0.000183
2047-03-01	21	120	59.70	6.2	0.119	17.7	0.228	0.0277	0.003	5.07E-06	0.0266	2.30E-07	0.0111	0.0277	0.00000323	0.00316	0.00000646	39.3	3.78E-05	0.000496	0.000183
2047-04-01	21	121	60.30	6.25	0.121	17.9	0.229	0.0276	0.00302	5.07E-06	0.0266	2.30E-07	0.0112	0.0275	0.00000322	0.00318	0.00000645	39.6	3.81E-05	0.000501	0.000183
2047-05-01	21	123	61.20	6.33	0.123	18.2	0.23	0.0272	0.00302	5.00E-06	0.0263	2.27E-07	0.0114	0.0265	0.00000318	0.00321	0.00000636	39.8	3.86E-05	0.000507	0.00018
2047-06-01	21	122	60.70	6.27	0.122	18.1	0.228	0.0268	0.00299	4.91E-06	0.0258	2.23E-07	0.0113	0.0259	0.00000312	0.00318	0.00000625	39.4	3.83E-05	0.000503	0.000177
2047-07-01	21	123	61.30	6.34	0.123	18.3	0.23	0.027	0.00302	4.95E-06	0.026	2.25E-07	0.0114	0.0261	0.00000315	0.00321	0.00000631	39.8	3.87E-05	0.000508	0.000178
2047-08-01	21	124	61.90	6.39	0.124	18.4	0.232	0.0272	0.00304	4.99E-06	0.0262	2.27E-07	0.0115	0.0263	0.00000318	0.00324	0.00000636	40.1	3.91E-05	0.000513	0.00018
2047-09-01	21	125	62.40	6.44	0.125	18.6	0.234	0.0274	0.00307	5.03E-06	0.0264	2.29E-07	0.0116	0.0264	0.0000032	0.00326	0.00000641	40.5	3.94E-05	0.000517	0.000181
2047-10-01	21	125	62.30	6.44	0.125	18.6	0.234	0.0274	0.00306	5.02E-06	0.0264	2.28E-07	0.0116	0.0264	0.0000032	0.00326	0.0000064	40.4	3.93E-05	0.000516	0.000181
2047-11-01	21	125	62.20	6.43	0.125	18.6	0.234	0.0274	0.00306	5.02E-06	0.0264	2.28E-07	0.0116	0.0264	0.00000319	0.00326	0.00000639	40.4	3.93E-05	0.000516	0.000181
2047-12-01	21	126	63.10	6.52	0.127	18.8	0.237	0.0277	0.0031	5.09E-06	0.0267	2.31E-07	0.0117	0.0267	0.00000324	0.0033	0.00000648	40.9	3.98E-05	0.000523	0.000183
2048-01-01	22	126	62.90	6.5	0.126	18.8	0.237	0.0277	0.00309	5.08E-06	0.0267	2.31E-07	0.0117	0.0267	0.00000323	0.00329	0.00000646	40.8	3.97E-05	0.000521	0.000183
2048-02-01	22	126	63.00	6.51	0.126	18.8	0.237	0.0277	0.00309	5.08E-06	0.0267	2.31E-07	0.0117	0.0266	0.00000323	0.0033	0.00000646	40.9	3.98E-05	0.000522	0.000183
2048-03-01	22	127	63.10	6.52	0.127	18.8	0.237	0.0277	0.00309	5.08E-06	0.0267	2.31E-07	0.0117	0.0266	0.00000323	0.0033	0.00000646	40.9	3.99E-05	0.000523	0.000183
2048-04-01	22	128	63.60	6.55	0.128	18.9	0.238	0.0276	0.00309	5.07E-06	0.0266	2.30E-07	0.0119	0.0264	0.00000322	0.00332	0.00000645	41.1	4.02E-05	0.000527	0.000183
2048-05-01	22	129	64.20	6.57	0.129	19.1	0.238	0.0272	0.00304	4.99E-06	0.0263	2.27E-07	0.012	0.0257	0.00000318	0.00333	0.00000636	41.1	4.05E-05	0	

Pond 2																					
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2049-07-01	23	134	66.70	6.62	0.136	19.9	0.245	0.027	0.00288	4.95E-06	0.0261	2.25E-07	0.0127	0.025	0.00000315	0.00341	0.0000063	42.7	4.20E-05	0.000547	0.000178
2049-08-01	23	135	67.30	6.67	0.137	20	0.247	0.0272	0.0029	4.99E-06	0.0263	2.27E-07	0.0128	0.0252	0.00000318	0.00344	0.00000635	43	4.23E-05	0.000551	0.00018
2049-09-01	23	136	67.80	6.72	0.138	20.2	0.249	0.0274	0.00292	5.03E-06	0.0265	2.29E-07	0.0129	0.0254	0.0000032	0.00346	0.0000064	43.4	4.26E-05	0.000555	0.000181
2049-10-01	23	136	67.70	6.71	0.138	20.2	0.248	0.0274	0.00292	5.02E-06	0.0264	2.28E-07	0.0129	0.0253	0.0000032	0.00346	0.00000639	43.3	4.26E-05	0.000555	0.000181
2049-11-01	23	136	67.60	6.71	0.138	20.1	0.248	0.0274	0.00292	5.02E-06	0.0264	2.28E-07	0.0128	0.0253	0.00000319	0.00346	0.00000638	43.3	4.25E-05	0.000554	0.000181
2049-12-01	23	137	68.50	6.79	0.139	20.4	0.252	0.0277	0.00295	5.08E-06	0.0268	2.31E-07	0.013	0.0256	0.00000324	0.0035	0.00000647	43.8	4.31E-05	0.000561	0.000183
2050-01-01	24	137	68.30	6.78	0.139	20.4	0.251	0.0277	0.00295	5.07E-06	0.0267	2.31E-07	0.013	0.0256	0.00000323	0.00349	0.00000645	43.7	4.30E-05	0.00056	0.000182
2050-02-01	24	137	68.40	6.78	0.139	20.4	0.251	0.0277	0.00294	5.07E-06	0.0267	2.31E-07	0.013	0.0256	0.00000323	0.0035	0.00000645	43.8	4.30E-05	0.00056	0.000182
2050-03-01	24	138	68.50	6.79	0.14	20.4	0.252	0.0277	0.00294	5.07E-06	0.0267	2.31E-07	0.013	0.0256	0.00000323	0.0035	0.00000645	43.9	4.31E-05	0.000561	0.000182
2050-04-01	24	138	68.90	6.8	0.141	20.6	0.253	0.0276	0.00291	5.07E-06	0.0267	2.30E-07	0.0131	0.0255	0.00000323	0.00352	0.00000645	44.1	4.34E-05	0.000564	0.000182
2050-05-01	24	139	69.20	6.74	0.142	20.7	0.253	0.0272	0.00282	4.99E-06	0.0263	2.27E-07	0.0133	0.025	0.00000318	0.00354	0.00000635	44.2	4.35E-05	0.000565	0.00018
2050-06-01	24	138	68.50	6.65	0.141	20.5	0.25	0.0268	0.00275	4.91E-06	0.0258	2.23E-07	0.0132	0.0245	0.00000313	0.0035	0.00000624	43.8	4.30E-05	0.000558	0.000176
2050-07-01	24	139	69.20	6.71	0.142	20.7	0.252	0.027	0.00278	4.96E-06	0.0261	2.25E-07	0.0133	0.0247	0.00000315	0.00354	0.0000063	44.2	4.35E-05	0.000564	0.000178
2050-08-01	24	140	69.80	6.77	0.144	20.9	0.255	0.0273	0.0028	4.99E-06	0.0263	2.27E-07	0.0134	0.0249	0.00000318	0.00357	0.00000635	44.6	4.38E-05	0.000568	0.00018
2050-09-01	24	141	70.30	6.82	0.145	21.1	0.256	0.0275	0.00282	5.03E-06	0.0265	2.29E-07	0.0135	0.0251	0.0000032	0.0036	0.0000064	44.9	4.42E-05	0.000573	0.000181
2050-10-01	24	141	70.20	6.8	0.145	21	0.256	0.0274	0.00281	5.02E-06	0.0264	2.28E-07	0.0135	0.0251	0.0000032	0.00359	0.00000639	44.8	4.41E-05	0.000572	0.000181
2050-11-01	24	141	70.10	6.8	0.144	21	0.256	0.0274	0.00281	5.02E-06	0.0264	2.28E-07	0.0135	0.025	0.00000319	0.00359	0.00000638	44.8	4.40E-05	0.000571	0.00018
2050-12-01	24	142	71.00	6.88	0.146	21.3	0.259	0.0277	0.00284	5.08E-06	0.0267	2.31E-07	0.0137	0.0253	0.00000323	0.00363	0.00000646	45.3	4.46E-05	0.000578	0.000183
2051-01-01	25	142	70.80	6.87	0.146	21.2	0.259	0.0277	0.00284	5.07E-06	0.0267	2.31E-07	0.0136	0.0253	0.00000323	0.00362	0.00000645	45.3	4.45E-05	0.000577	0.000182
2051-02-01	25	142	70.90	6.87	0.146	21.2	0.259	0.0277	0.00283	5.07E-06	0.0267	2.31E-07	0.0137	0.0253	0.00000323	0.00363	0.00000645	45.3	4.46E-05	0.000578	0.000182
2051-03-01	25	143	71.00	6.88	0.146	21.3	0.26	0.0277	0.00283	5.07E-06	0.0267	2.31E-07	0.0137	0.0253	0.00000323	0.00365	0.00000645	45.4	4.46E-05	0.000579	0.000182
2051-04-01	25	144	71.50	6.9	0.148	21.5	0.261	0.0276	0.00281	5.07E-06	0.0267	2.30E-07	0.0138	0.0252	0.00000322	0.00371	0.00000644	45.6	4.49E-05	0.000582	0.000182
2051-05-01	25	144	71.80	6.86	0.149	21.7	0.261	0.0272	0.00273	4.99E-06	0.0263	2.27E-07	0.014	0.0246	0.00000318	0.00381	0.00000634	45.7	4.51E-05	0.000583	0.000179
2051-06-01	25	143	71.20	6.78	0.148	21.5	0.259	0.0268	0.00268	4.91E-06	0.0259	2.23E-07	0.0139	0.0242	0.00000313	0.00381	0.00000624	45.3	4.47E-05	0.000578	0.000176
2051-07-01	25	145	72.00	6.85	0.15	21.8	0.261	0.0271	0.0027	4.96E-06	0.0261	2.26E-07	0.0141	0.0244	0.00000316	0.00386	0.0000063	45.8	4.52E-05	0.000584	0.000178
2051-08-01	25	146	72.50	6.9	0.151	21.9	0.264	0.0273	0.00272	5.00E-06	0.0263	2.27E-07	0.0142	0.0246	0.00000318	0.00389	0.00000635	46.1	4.55E-05	0.000588	0.000179
2051-09-01	25	147	73.00	6.95	0.152	22.1	0.265	0.0275	0.00274	5.03E-06	0.0265	2.29E-07	0.0143	0.0248	0.0000032	0.00392	0.00000639	46.5	4.58E-05	0.000592	0.000181
2051-10-01	25	146	72.90	6.94	0.152	22.1	0.265	0.0274	0.00273	5.02E-06	0.0265	2.28E-07	0.0142	0.0247	0.0000032	0.00391	0.00000638	46.4	4.57E-05	0.000591	0.00018
2051-11-01	25	146	72.80	6.93	0.152	22	0.265	0.0274	0.00273	5.02E-06	0.0264	2.28E-07	0.0142	0.0247	0.00000319	0.00391	0.00000638	46.3	4.57E-05	0.000591	0.00018
2051-12-01	25	148	73.60	7	0.153	22.3	0.268	0.0277	0.00276	5.07E-06	0.0267	2.31E-07	0.0144	0.025	0.00000323	0.00395	0.00000645	46.8	4.62E-05	0.000597	0.000182
2052-01-01	26	148	73.60	7	0.153	22.2	0.268	0.0277	0.00276	5.07E-06	0.0267	2.31E-07	0.0144	0.0249	0.00000323	0.00395	0.00000644	46.8	4.62E-05	0.000597	0.000182
2052-02-01	26	148	73.60	7	0.153	22.3	0.268	0.0277	0.00276	5.07E-06	0.0267	2.31E-07	0.0144	0.0249	0.00000323	0.00396	0.00000644	46.8	4.62E-05	0.000597	0.000182
2052-03-01	26	148	73.70	7.01	0.154	22.3	0.268	0.0277	0.00276	5.07E-06	0.0267	2.31E-07	0.0144	0.0249	0.00000323	0.00397	0.00000644	46.9	4.63E-05	0.000598	0.000182
2052-04-01	26	149	74.10	7.03	0.155	22.4	0.269	0.0276	0.00275	5.06E-06	0.0267	2.30E-07	0.0145	0.0248	0.00000322	0.00404	0.00000643	47.1	4.64E-05	0.0006	0.000182
2052-05-01	26	148	73.90	6.98	0.155	22.4	0.268	0.0272	0.0027	4.98E-06	0.0263	2.27E-07	0.0146	0.0243	0.00000317	0.00415	0.00000633	46.9	4.63E-05	0.000599	0.000179
2052-06-01	26	147	73.30	6.91	0.153	22.2	0.265	0.0268	0.00266	4.92E-06	0.0259	2.24E-07	0.0145	0.0239	0.00000313	0.00416	0.00000624	46.5	4.59E-05	0.000593	0.000176
2052-07-01	26	149	74.10	6.98	0.155	22.5	0.268	0.0271	0.00269	4.96E-06	0.0262	2.26E-07	0.0146	0.0241	0.00000316	0.00421	0.00000631	47	4.64E-05	0.0006	0.000178
2052-08-01	26	150	74.60	7.03	0.156	22.7	0.27	0.0273	0.0027	5.00E-06	0.0263	2.27E-07	0.0147	0.0243	0.00000318	0.00425	0.00000635	47.3	4.68E-05	0.000604	0.000179
2052-09-01	26	151	75.10	7.07	0.157	22.8	0.272	0.0275	0.00272	5.03E-06	0.0265	2.29E-07	0.0148	0.0244	0.0000032	0.00428	0.00000639	47.6	4.71E-05	0.000608	0.000181
2052-10-01	26	151	75.00	7.06	0.157	22.8	0.272	0.0274	0.00272	5.02E-06	0.0265	2.28E-07	0.0148	0.0244	0.0000032	0.00427	0.00000638	47.5	4.70E-05	0.000607	0.00018
2052-11-01	26	150	74.90	7.05	0.157	22.7	0.272	0.0274	0.00271	5.02E-06	0.0264	2.28E-07	0.0148	0.0243	0.00000319	0.00426	0.00000637	47.5	4.69E-05	0.000606	0.00018
2052-12-01	26	152	75.60	7.12	0.158	22.9	0.274	0.0276	0.00274	5.06E-06	0.0267	2.30E-07	0.0149	0.0246	0.00000322	0.0043	0.00000643	47.9	4.74E-05	0.000612	0.000182
2053-01-01	27	152	75.60	7.12	0.158	23	0.274	0.0277	0.00274	5.07E-06	0.0267	2.31E-07	0.0149	0.0246	0.00000323	0.00431	0.00000644	48	4.74E-05	0.000612	0.000182
2053-02-01	27	152	75.70	7.13	0.158	23	0.275	0.0277	0.00274	5.07E-06	0.0267	2.30E-07	0.0149	0.0246	0.00000323	0.00431	0.00000644	48	4.74E-05	0.000612	0.000182
2053-03-01	27	152	75.70	7.13	0.159	23	0.275	0.0277	0.00275	5.07E-06	0.0267	2.31E-07	0.015	0.0246	0.00000323	0.00433	0.00000644	48	4.75E-05	0.000613	0.000182
2053-04-01	27	153	76.00	7.16	0.159	23.1	0.276	0.0276	0.00275	5.06E-06	0.0267	2.30E-07	0.015	0.0244	0.00000322	0.00438	0.00000643	48.1	4.76E-05	0.000615	0.000182
2053-05-01	27	152	75.60	7.13	0.159	23	0.274	0.0272	0.00274	4.98E-06	0.0263	2.27E-07	0.015	0.0238	0.0000031						

Pond 2																					
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2054-07-01	28	155	76.90	7.29	0.161	23.5	0.279	0.0271	0.00282	4.97E-06	0.0262	2.26E-07	0.0153	0.0232	0.00000316	0.00478	0.0000063	48.1	4.81E-05	0.000623	0.000178
2054-08-01	28	156	77.50	7.34	0.163	23.6	0.281	0.0273	0.00284	5.00E-06	0.0264	2.28E-07	0.0154	0.0234	0.00000319	0.00481	0.00000634	48.4	4.85E-05	0.000628	0.000179
2054-09-01	28	157	78.00	7.39	0.164	23.8	0.283	0.0275	0.00286	5.03E-06	0.0265	2.29E-07	0.0155	0.0235	0.00000321	0.00485	0.00000639	48.7	4.88E-05	0.000632	0.00018
2054-10-01	28	156	77.80	7.37	0.163	23.7	0.282	0.0274	0.00286	5.02E-06	0.0265	2.29E-07	0.0155	0.0235	0.0000032	0.00484	0.00000637	48.6	4.87E-05	0.00063	0.00018
2054-11-01	28	156	77.70	7.36	0.163	23.7	0.282	0.0274	0.00285	5.02E-06	0.0264	2.28E-07	0.0154	0.0234	0.0000032	0.00483	0.00000636	48.5	4.86E-05	0.00063	0.00018
2054-12-01	28	158	78.40	7.43	0.165	23.9	0.284	0.0276	0.00288	5.06E-06	0.0267	2.30E-07	0.0156	0.0236	0.00000323	0.00487	0.00000642	49	4.91E-05	0.000635	0.000181
2055-01-01	29	158	78.50	7.44	0.165	24	0.285	0.0277	0.00288	5.07E-06	0.0267	2.31E-07	0.0156	0.0237	0.00000323	0.00488	0.00000643	49	4.91E-05	0.000636	0.000181
2055-02-01	29	158	78.50	7.44	0.165	24	0.285	0.0277	0.00289	5.07E-06	0.0267	2.31E-07	0.0156	0.0236	0.00000323	0.00489	0.00000643	49	4.91E-05	0.000636	0.000181
2055-03-01	29	158	78.60	7.46	0.165	24	0.285	0.0277	0.0029	5.07E-06	0.0267	2.31E-07	0.0156	0.0236	0.00000323	0.0049	0.00000643	49.1	4.92E-05	0.000637	0.000181
2055-04-01	29	158	78.80	7.5	0.165	24.1	0.286	0.0276	0.00293	5.06E-06	0.0267	2.30E-07	0.0156	0.0235	0.00000323	0.00494	0.00000642	49.1	4.93E-05	0.000639	0.000181
2055-05-01	29	157	78.30	7.5	0.164	23.9	0.283	0.0272	0.00297	4.98E-06	0.0263	2.27E-07	0.0155	0.0228	0.00000317	0.00497	0.00000632	48.4	4.90E-05	0.000636	0.000178
2055-06-01	29	156	77.60	7.45	0.162	23.7	0.281	0.0269	0.00296	4.92E-06	0.0259	2.24E-07	0.0154	0.0224	0.00000313	0.00495	0.00000624	47.9	4.85E-05	0.00063	0.000176
2055-07-01	29	157	78.40	7.53	0.164	24	0.284	0.0271	0.003	4.97E-06	0.0262	2.26E-07	0.0155	0.0226	0.00000316	0.005	0.0000063	48.4	4.90E-05	0.000637	0.000178
2055-08-01	29	159	79.00	7.59	0.165	24.1	0.286	0.0273	0.00302	5.00E-06	0.0264	2.28E-07	0.0156	0.0227	0.00000319	0.00504	0.00000634	48.7	4.94E-05	0.000641	0.000179
2055-09-01	29	160	79.50	7.64	0.166	24.3	0.288	0.0275	0.00304	5.03E-06	0.0265	2.29E-07	0.0157	0.0228	0.00000321	0.00507	0.00000638	49	4.97E-05	0.000646	0.00018
2055-10-01	29	159	79.30	7.62	0.166	24.2	0.287	0.0274	0.00304	5.02E-06	0.0265	2.29E-07	0.0157	0.0228	0.0000032	0.00506	0.00000637	48.9	4.96E-05	0.000644	0.00018
2055-11-01	29	159	79.20	7.61	0.166	24.2	0.287	0.0274	0.00303	5.02E-06	0.0264	2.28E-07	0.0157	0.0228	0.0000032	0.00506	0.00000636	48.8	4.95E-05	0.000643	0.00018
2055-12-01	29	160	79.90	7.68	0.167	24.4	0.29	0.0276	0.00306	5.06E-06	0.0267	2.30E-07	0.0158	0.023	0.00000322	0.0051	0.00000642	49.3	4.99E-05	0.000649	0.000181
2056-01-01	30	161	80.00	7.69	0.168	24.5	0.29	0.0277	0.00306	5.07E-06	0.0267	2.31E-07	0.0158	0.023	0.00000323	0.00511	0.00000643	49.3	5.00E-05	0.00065	0.000181
2056-02-01	30	161	80.00	7.69	0.167	24.4	0.29	0.0277	0.00307	5.07E-06	0.0267	2.31E-07	0.0158	0.023	0.00000323	0.00511	6.43E-06	49.3	5.00E-05	0.00065	0.000181
2056-03-01	30	159	79.10	7.69	0.165	24.2	0.291	0.0276	0.00313	5.07E-06	0.0267	2.30E-07	0.0155	0.023	0.00000322	0.00502	6.45E-06	48.6	4.95E-05	0.000644	0.000183
2056-04-01	30	150	74.50	7.65	0.156	22.9	0.296	0.0274	0.00345	5.06E-06	0.0268	2.28E-07	0.0142	0.0229	0.0000032	0.0046	6.53E-06	44.8	4.68E-05	0.000616	0.000188
2056-05-01	30	112	56.20	7.4	0.116	17.7	0.31	0.0262	0.00463	4.97E-06	0.0267	2.18E-07	0.00882	0.0221	0.00000305	0.00292	6.78E-06	29.8	3.62E-05	0.000498	0.000207
2056-06-01	30	82.3	41.60	7.2	0.0845	13.5	0.322	0.0252	0.00557	4.90E-06	0.0266	2.10E-07	0.00453	0.0216	0.00000294	0.00158	6.99E-06	17.8	2.77E-05	0.000405	0.000222
2056-07-01	30	72.9	37.00	7.19	0.0745	12.2	0.329	0.0251	0.00592	4.91E-06	0.0268	2.09E-07	0.00312	0.0216	0.00000293	0.00114	7.11E-06	14	2.50E-05	0.000376	0.000229
2056-08-01	30	69.5	35.40	7.22	0.071	11.7	0.333	0.0251	0.00609	4.94E-06	0.027	2.09E-07	0.00259	0.0216	0.00000293	0.000978	7.19E-06	12.5	2.41E-05	0.000367	0.000232
2056-09-01	30	68.6	34.90	7.26	0.07	11.6	0.336	0.0253	0.00618	4.97E-06	0.0272	2.11E-07	0.0024	0.0218	0.00000295	0.000922	7.25E-06	12.1	2.38E-05	0.000365	0.000235
2056-10-01	30	67.2	34.20	7.2	0.0685	11.4	0.335	0.0251	0.00617	4.94E-06	0.027	2.09E-07	0.00224	0.0216	0.00000293	0.000871	7.21E-06	11.6	2.34E-05	0.000359	0.000234
2056-11-01	30	66.1	33.70	7.14	0.0674	11.2	0.333	0.0249	0.00614	4.90E-06	0.0268	2.07E-07	0.00215	0.0214	0.0000029	0.000842	7.16E-06	11.3	2.31E-05	0.000355	0.000232
2056-12-01	30	65.6	33.40	7.11	0.0669	11.1	0.331	0.0248	0.00611	4.88E-06	0.0267	2.06E-07	0.00211	0.0213	0.00000289	0.000828	7.13E-06	11.2	2.29E-05	0.000353	0.000231
2057-01-01	31	65.5	33.40	7.1	0.0668	11.1	0.331	0.0248	0.00611	4.88E-06	0.0266	2.06E-07	0.0021	0.0213	0.00000289	0.000826	7.12E-06	11.2	2.29E-05	0.000352	0.000231
2057-02-01	31	65.5	33.40	7.1	0.0668	11.1	0.331	0.0248	0.00611	4.88E-06	0.0267	2.06E-07	0.0021	0.0213	0.00000289	0.000826	7.13E-06	11.2	2.29E-05	0.000352	0.000231
2057-03-01	31	65.5	33.40	7.1	0.0668	11.1	0.331	0.0248	0.00611	4.88E-06	0.0267	2.07E-07	0.0021	0.0213	0.00000289	0.000825	7.13E-06	11.2	2.29E-05	0.000352	0.000232
2057-04-01	31	65.4	33.30	7.1	0.0665	11	0.332	0.0248	0.00611	4.89E-06	0.0267	2.07E-07	0.00209	0.0214	0.0000029	0.000822	7.15E-06	11.2	2.28E-05	0.000352	0.000232
2057-05-01	31	64.2	32.70	7	0.0645	10.6	0.329	0.0248	0.00604	4.88E-06	0.0266	2.06E-07	0.00203	0.0215	0.00000289	0.000801	7.13E-06	11	2.25E-05	0.000346	0.000231
2057-06-01	31	63.3	32.30	6.92	0.063	10.2	0.327	0.0247	0.00598	4.87E-06	0.0266	2.06E-07	0.00198	0.0216	0.00000288	0.000784	7.11E-06	10.9	2.22E-05	0.000342	0.000231
2057-07-01	31	63.4	32.30	6.94	0.063	10.2	0.328	0.0249	0.006	4.90E-06	0.0267	2.07E-07	0.00197	0.0217	0.0000029	0.000784	7.15E-06	11	2.22E-05	0.000343	0.000232
2057-08-01	31	63.8	32.50	6.98	0.0632	10.2	0.331	0.025	0.00603	4.93E-06	0.0269	2.09E-07	0.00198	0.0219	0.00000292	0.000788	7.21E-06	11.1	2.24E-05	0.000345	0.000234
2057-09-01	31	64.2	32.70	7.02	0.0636	10.3	0.333	0.0252	0.00607	4.97E-06	0.0271	2.10E-07	0.00199	0.022	0.00000294	0.000793	7.26E-06	11.1	2.25E-05	0.000347	0.000235
2057-10-01	31	63.7	32.50	6.97	0.0632	10.2	0.331	0.0251	0.00603	4.94E-06	0.027	2.09E-07	0.00198	0.0219	0.00000293	0.000787	7.21E-06	11.1	2.24E-05	0.000345	0.000234
2057-11-01	31	63.2	32.20	6.92	0.0627	10.1	0.329	0.0249	0.00598	4.90E-06	0.0268	2.07E-07	0.00196	0.0217	0.0000029	0.000781	7.16E-06	11	2.22E-05	0.000342	0.000232
2057-12-01	31	62.9	32.10	6.88	0.0624	10.1	0.327	0.0248	0.00595	4.88E-06	0.0266	2.06E-07	0.00195	0.0216	0.00000289	0.000777	7.12E-06	11	2.21E-05	0.00034	0.000231
2058-01-01	32	62.9	32.10	6.88	0.0624	10.1	0.327	0.0248	0.00595	4.88E-06	0.0266	2.06E-07	0.00195	0.0216	0.00000289	0.000777	7.12E-06	11	2.21E-05	0.00034	0.000231
2058-02-01	32	62.8	32.00	6.87	0.0623	10	0.327	0.0248	0.00595	4.88E-06	0.0266	2.06E-07	0.00195	0.0216	0.00000289	0.000776	7.12E-06	11	2.20E-05	0.00034	0.000231
2058-03-01	32	62.7	32.00	6.87	0.0623	10	0.327	0.0248	0.00594	4.88E-06	0.0267	2.07E-07	0.00195	0.0217	0.00000289	0.000776	7.13E-06	11	2.20E-05	0.000339	0.000231
2058-04-01	32	62.3	31.80	6.82	0.0621	9.96	0.328	0.0249	0.0059	4.89E-06	0.0267	2.07E-07	0.00194	0.0219	0.0000029	0.000772	7.14E-06	11	2.19E-05	0.000337	0.000232
2058-05-01	32	59.9	30.60	6.55	0.0604	9.56	0.325	0.0248	0.00568	4.88E-06	0.0266	2.06E-07	0.0018								

Pond 2																					
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2059-07-01	33	52.1	26.60	5.67	0.0555	8.23	0.32	0.0249	0.00494	4.90E-06	0.0267	2.08E-07	0.00167	0.0248	0.00000291	0.000673	7.13E-06	11	1.88E-05	0.000285	0.000231
2059-08-01	33	52.2	26.70	5.69	0.0557	8.25	0.322	0.0251	0.00495	4.93E-06	0.0269	2.09E-07	0.00167	0.025	0.00000293	0.000676	7.18E-06	11.1	1.88E-05	0.000286	0.000232
2059-09-01	33	52.5	26.80	5.71	0.0561	8.29	0.325	0.0253	0.00498	4.97E-06	0.027	2.11E-07	0.00168	0.0252	0.00000295	0.00068	7.23E-06	11.2	1.89E-05	0.000287	0.000234
2059-10-01	33	52.1	26.60	5.67	0.0557	8.23	0.323	0.0251	0.00494	4.94E-06	0.0269	2.09E-07	0.00167	0.0251	0.00000293	0.000675	7.19E-06	11.1	1.88E-05	0.000285	0.000232
2059-11-01	33	51.7	26.40	5.62	0.0553	8.16	0.321	0.0249	0.0049	4.90E-06	0.0267	2.08E-07	0.00165	0.0249	0.00000291	0.00067	7.13E-06	11.1	1.86E-05	0.000283	0.000231
2059-12-01	33	51.4	26.20	5.6	0.055	8.12	0.319	0.0248	0.00487	4.88E-06	0.0266	2.07E-07	0.00165	0.0248	0.0000029	0.000666	7.10E-06	11	1.85E-05	0.000281	0.000229
2060-01-01	34	51.4	26.20	5.59	0.055	8.11	0.319	0.0248	0.00487	4.88E-06	0.0265	2.07E-07	0.00165	0.0248	0.00000289	0.000666	7.10E-06	11	1.85E-05	0.000281	0.000229
2060-02-01	34	51.3	26.20	5.59	0.0549	8.1	0.319	0.0248	0.00486	4.88E-06	0.0265	2.07E-07	0.00164	0.0248	0.0000029	0.000666	7.10E-06	11	1.85E-05	0.000281	0.000229
2060-03-01	34	51.2	26.20	5.58	0.0549	8.09	0.319	0.0248	0.00486	4.88E-06	0.0266	2.07E-07	0.00164	0.0249	0.0000029	0.000665	7.11E-06	11	1.85E-05	0.000281	0.00023
2060-04-01	34	50.8	25.90	5.53	0.0547	8.01	0.319	0.0249	0.00482	4.89E-06	0.0266	2.08E-07	0.00163	0.0252	0.00000291	0.000661	7.12E-06	11.1	1.84E-05	0.000278	0.00023
2060-05-01	34	48.5	24.70	5.27	0.0531	7.62	0.316	0.0248	0.0046	4.88E-06	0.0265	2.07E-07	0.00157	0.0259	0.0000029	0.000638	7.10E-06	11	1.76E-05	0.000266	0.000229
2060-06-01	34	46.6	23.80	5.06	0.0518	7.31	0.314	0.0248	0.00442	4.87E-06	0.0265	2.07E-07	0.00152	0.0266	0.00000289	0.00062	7.08E-06	11	1.71E-05	0.000257	0.000228
2060-07-01	34	46.4	23.70	5.03	0.0518	7.26	0.316	0.0249	0.0044	4.90E-06	0.0266	2.08E-07	0.00151	0.0269	0.00000291	0.000618	7.12E-06	11.1	1.70E-05	0.000256	0.00023
2060-08-01	34	46.5	23.70	5.04	0.052	7.28	0.318	0.0251	0.00441	4.93E-06	0.0268	2.09E-07	0.00152	0.0272	0.00000293	0.000621	7.17E-06	11.2	1.71E-05	0.000256	0.000231
2060-09-01	34	46.7	23.90	5.07	0.0524	7.31	0.321	0.0253	0.00443	4.97E-06	0.027	2.11E-07	0.00153	0.0274	0.00000295	0.000624	7.22E-06	11.2	1.71E-05	0.000258	0.000233
2060-10-01	34	46.3	23.70	5.03	0.052	7.26	0.319	0.0251	0.0044	4.94E-06	0.0268	2.10E-07	0.00152	0.0273	0.00000293	0.00062	7.18E-06	11.2	1.70E-05	0.000256	0.000232
2060-11-01	34	46	23.50	4.98	0.0516	7.2	0.316	0.025	0.00436	4.90E-06	0.0266	2.08E-07	0.0015	0.0271	0.00000291	0.000615	7.12E-06	11.1	1.69E-05	0.000254	0.00023
2060-12-01	34	45.7	23.40	4.96	0.0514	7.16	0.315	0.0248	0.00434	4.88E-06	0.0265	2.07E-07	0.0015	0.0269	0.0000029	0.000612	7.09E-06	11.1	1.68E-05	0.000252	0.000229
2061-01-01	35	45.7	23.30	4.96	0.0513	7.15	0.315	0.0248	0.00434	4.88E-06	0.0265	2.07E-07	0.00149	0.0269	0.0000029	0.000611	7.09E-06	11	1.68E-05	0.000252	0.000228
2061-02-01	35	45.6	23.30	4.95	0.0513	7.14	0.315	0.0248	0.00433	4.88E-06	0.0265	2.07E-07	0.00149	0.027	0.0000029	0.000611	7.09E-06	11.1	1.68E-05	0.000252	0.000229
2061-03-01	35	45.6	23.30	4.94	0.0513	7.13	0.315	0.0249	0.00432	4.88E-06	0.0265	2.07E-07	0.00149	0.0271	0.0000029	0.00061	7.09E-06	11.1	1.67E-05	0.000252	0.000229
2061-04-01	35	45.1	23.00	4.89	0.051	7.05	0.315	0.0249	0.00428	4.89E-06	0.0266	2.08E-07	0.00148	0.0274	0.00000291	0.000606	7.11E-06	11.1	1.66E-05	0.000249	0.000229
2061-05-01	35	42.8	21.90	4.63	0.0494	6.66	0.312	0.0248	0.00406	4.88E-06	0.0265	2.07E-07	0.00142	0.0284	0.0000029	0.000583	7.09E-06	11	1.59E-05	0.000237	0.000228
2061-06-01	35	41	21.00	4.43	0.0482	6.36	0.31	0.0248	0.00389	4.87E-06	0.0264	2.07E-07	0.00137	0.0292	0.00000289	0.000566	7.07E-06	11	1.53E-05	0.000228	0.000228
2061-07-01	35	40.7	20.80	4.4	0.0482	6.31	0.312	0.025	0.00387	4.90E-06	0.0266	2.08E-07	0.00136	0.0297	0.00000291	0.000564	7.11E-06	11.1	1.53E-05	0.000227	0.000229
2061-08-01	35	40.8	20.80	4.4	0.0484	6.31	0.314	0.0251	0.00387	4.94E-06	0.0268	2.10E-07	0.00137	0.03	0.00000293	0.000566	7.16E-06	11.2	1.53E-05	0.000227	0.000231
2061-09-01	35	41	21.00	4.42	0.0487	6.35	0.316	0.0253	0.00389	4.97E-06	0.027	2.11E-07	0.00137	0.0302	0.00000295	0.000569	7.21E-06	11.3	1.54E-05	0.000228	0.000232
2061-10-01	35	40.7	20.80	4.39	0.0484	6.3	0.315	0.0252	0.00386	4.94E-06	0.0268	2.10E-07	0.00136	0.0301	0.00000294	0.000565	7.17E-06	11.2	1.53E-05	0.000227	0.000231
2061-11-01	35	40.3	20.60	4.35	0.048	6.24	0.312	0.025	0.00383	4.90E-06	0.0266	2.08E-07	0.00135	0.0298	0.00000291	0.000561	7.11E-06	11.1	1.51E-05	0.000225	0.000229
2061-12-01	35	40.1	20.50	4.33	0.0478	6.21	0.311	0.0249	0.00381	4.88E-06	0.0265	2.07E-07	0.00135	0.0297	0.0000029	0.000558	7.08E-06	11.1	1.51E-05	0.000224	0.000228
2062-01-01	36	40.1	20.50	4.33	0.0477	6.21	0.311	0.0249	0.00381	4.88E-06	0.0265	2.07E-07	0.00134	0.0297	0.0000029	0.000557	7.08E-06	11.1	1.51E-05	0.000224	0.000228
2062-02-01	36	40	20.50	4.32	0.0477	6.2	0.311	0.0249	0.0038	4.88E-06	0.0265	2.07E-07	0.00134	0.0298	0.0000029	0.000557	7.08E-06	11.1	1.50E-05	0.000223	0.000228
2062-03-01	36	39.9	20.40	4.31	0.0477	6.18	0.311	0.0249	0.00379	4.88E-06	0.0265	2.07E-07	0.00134	0.0299	0.0000029	0.000556	7.08E-06	11.1	1.50E-05	0.000223	0.000228
2062-04-01	36	39.5	20.20	4.26	0.0474	6.1	0.311	0.025	0.00375	4.90E-06	0.0265	2.08E-07	0.00133	0.0303	0.00000291	0.000552	7.10E-06	11.1	1.49E-05	0.00022	0.000228
2062-05-01	36	37.2	19.00	4	0.0458	5.72	0.308	0.0249	0.00354	4.88E-06	0.0264	2.07E-07	0.00127	0.0317	0.0000029	0.000529	7.07E-06	11.1	1.42E-05	0.000209	0.000228
2062-06-01	36	35.5	18.10	3.81	0.0446	5.42	0.306	0.0248	0.00337	4.87E-06	0.0264	2.07E-07	0.00122	0.0327	0.0000029	0.000512	7.06E-06	11.1	1.36E-05	0.0002	0.000227
2062-07-01	36	35.1	18.00	3.77	0.0446	5.36	0.308	0.025	0.00334	4.90E-06	0.0265	2.08E-07	0.00121	0.0333	0.00000292	0.00051	7.10E-06	11.1	1.35E-05	0.000198	0.000228
2062-08-01	36	35.1	18.00	3.77	0.0448	5.36	0.31	0.0252	0.00334	4.94E-06	0.0267	2.10E-07	0.00122	0.0337	0.00000294	0.000512	7.15E-06	11.2	1.36E-05	0.000198	0.00023
2062-09-01	36	35.3	18.10	3.79	0.045	5.39	0.312	0.0254	0.00336	4.97E-06	0.0269	2.11E-07	0.00122	0.034	0.00000296	0.000515	7.20E-06	11.3	1.36E-05	0.000199	0.000231
2062-10-01	36	35	17.90	3.76	0.0447	5.34	0.311	0.0252	0.00333	4.94E-06	0.0267	2.10E-07	0.00121	0.0338	0.00000294	0.000511	7.16E-06	11.2	1.35E-05	0.000198	0.00023
2062-11-01	36	34.7	17.80	3.73	0.0444	5.3	0.308	0.025	0.0033	4.90E-06	0.0265	2.08E-07	0.0012	0.0335	0.00000292	0.000507	7.10E-06	11.2	1.34E-05	0.000196	0.000228
2062-12-01	36	34.6	17.70	3.71	0.0442	5.27	0.307	0.0249	0.00329	4.88E-06	0.0264	2.07E-07	0.0012	0.0334	0.0000029	0.000504	7.07E-06	11.1	1.34E-05	0.000195	0.000227
2063-01-01	37	34.5	17.70	3.7	0.0442	5.27	0.307	0.0249	0.00328	4.88E-06	0.0264	2.07E-07	0.0012	0.0334	0.0000029	0.000504	7.06E-06	11.1	1.34E-05	0.000195	0.000227
2063-02-01	37	34.5	17.60	3.7	0.0441	5.26	0.307	0.0249	0.00328	4.88E-06	0.0264	2.07E-07	0.00119	0.0334	0.0000029	0.000504	7.07E-06	11.1	1.33E-05	0.000195	0.000227
2063-03-01	37	34.4	17.60	3.69	0.0441	5.24	0.307	0.0249	0.00327	4.88E-06	0.0264	2.08E-07	0.00119	0.0336	0.00000291	0.000503	7.07E-06	11.1	1.33E-05	0.000194	0.000227
2063-04-01	37	33.9	17.40	3.63	0.0438	5.16	0.307	0.025	0.00322	4.90E-06	0.0265	2.08E-07	0.00118	0.0342	0.00000291	0.000499	7.09E-06	11.1	1.32E-05	0.000192	0.000228
2063-05-01	37	31.7	16.20	3.38	0.0423	4.78	0.304	0.0249	0.												

Pond 2																					
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2064-07-01	38	24.1	12.40	2.53	0.0375	3.5	0.3	0.025	0.0023	4.90E-06	0.0264	2.09E-07	0.000919	0.0458	0.00000292	0.000404	7.08E-06	11.2	1.02E-05	0.000142	0.000227
2064-08-01	38	24.1	12.30	2.53	0.0376	3.49	0.302	0.0252	0.0023	4.94E-06	0.0266	2.10E-07	0.00092	0.0464	0.00000294	0.000405	7.13E-06	11.3	1.02E-05	0.000142	0.000228
2064-09-01	38	24.1	12.40	2.54	0.0379	3.5	0.304	0.0254	0.0023	4.97E-06	0.0268	2.12E-07	0.000924	0.0468	0.00000296	0.000407	7.18E-06	11.4	1.02E-05	0.000142	0.00023
2064-10-01	38	23.9	12.30	2.51	0.0376	3.47	0.303	0.0252	0.00228	4.94E-06	0.0267	2.10E-07	0.000917	0.0466	0.00000295	0.000404	7.13E-06	11.3	1.01E-05	0.000141	0.000228
2064-11-01	38	23.7	12.20	2.49	0.0373	3.44	0.3	0.0251	0.00226	4.90E-06	0.0265	2.09E-07	0.000909	0.0462	0.00000292	0.000401	7.08E-06	11.2	1.00E-05	0.00014	0.000227
2064-12-01	38	23.6	12.10	2.48	0.0372	3.42	0.299	0.0249	0.00225	4.88E-06	0.0263	2.08E-07	0.000905	0.046	0.00000291	0.000399	7.05E-06	11.2	9.99E-06	0.000139	0.000226
2065-01-01	39	23.6	12.10	2.48	0.0371	3.42	0.299	0.0249	0.00225	4.88E-06	0.0263	2.08E-07	0.000904	0.046	0.00000291	0.000399	7.04E-06	11.2	9.99E-06	0.000139	0.000225
2065-02-01	39	23.6	12.10	2.47	0.0371	3.41	0.3	0.0249	0.00225	4.88E-06	0.0263	2.08E-07	0.000904	0.0459	0.00000291	0.000399	7.05E-06	11.2	9.99E-06	0.000139	0.000226
2065-03-01	39	23.5	12.10	2.47	0.0372	3.39	0.3	0.0249	0.00225	4.88E-06	0.0264	2.08E-07	0.000905	0.0458	0.00000291	0.000399	7.06E-06	11.2	9.99E-06	0.000139	0.000226
2065-04-01	39	23.4	12.00	2.45	0.0372	3.29	0.304	0.0249	0.00223	4.89E-06	0.0265	2.08E-07	0.000904	0.0452	0.00000291	0.0004	7.11E-06	11.4	9.98E-06	0.000138	0.000229
2065-05-01	39	22.3	11.50	2.32	0.0368	2.88	0.316	0.0246	0.00213	4.87E-06	0.0265	2.05E-07	0.000891	0.0423	0.00000287	0.000399	7.19E-06	11.9	9.80E-06	0.000134	0.000235
2065-06-01	39	21.5	11.00	2.22	0.0365	2.53	0.327	0.0243	0.00205	4.86E-06	0.0265	2.02E-07	0.00088	0.0398	0.00000283	0.000398	7.27E-06	12.4	9.66E-06	0.00013	0.00024
2065-07-01	39	21.3	11.00	2.2	0.0366	2.43	0.333	0.0244	0.00204	4.89E-06	0.0268	2.03E-07	0.000882	0.0392	0.00000284	0.000401	7.35E-06	12.6	9.68E-06	0.00013	0.000244
2065-08-01	39	21.3	11.00	2.2	0.0369	2.39	0.337	0.0245	0.00204	4.92E-06	0.027	2.04E-07	0.000888	0.0391	0.00000286	0.000404	7.42E-06	12.8	9.73E-06	0.000131	0.000247
2065-09-01	39	21.4	11.00	2.21	0.0371	2.39	0.341	0.0247	0.00205	4.96E-06	0.0272	2.06E-07	0.000894	0.0392	0.00000288	0.000407	7.48E-06	13	9.80E-06	0.000131	0.000249
2065-10-01	39	21.3	11.00	2.19	0.0369	2.36	0.339	0.0246	0.00204	4.93E-06	0.027	2.05E-07	0.000888	0.0389	0.00000286	0.000405	7.44E-06	12.9	9.73E-06	0.00013	0.000248
2065-11-01	39	21.1	10.90	2.17	0.0367	2.34	0.337	0.0244	0.00202	4.89E-06	0.0268	2.03E-07	0.000881	0.0385	0.00000284	0.000402	7.39E-06	12.8	9.65E-06	0.000129	0.000246
2065-12-01	39	21	10.80	2.16	0.0365	2.32	0.336	0.0242	0.00201	4.87E-06	0.0267	2.02E-07	0.000877	0.0383	0.00000283	0.0004	7.35E-06	12.8	9.60E-06	0.000129	0.000245
2066-01-01	40	21	10.80	2.16	0.0365	2.32	0.336	0.0242	0.00201	4.87E-06	0.0267	2.02E-07	0.000876	0.0383	0.00000283	0.000399	7.35E-06	12.8	9.60E-06	0.000128	0.000245
2066-02-01	40	20.9	10.80	2.16	0.0365	2.31	0.336	0.0242	0.00201	4.87E-06	0.0267	2.02E-07	0.000876	0.0382	0.00000283	0.0004	7.36E-06	12.8	9.60E-06	0.000128	0.000245
2066-03-01	40	20.9	10.80	2.15	0.0366	2.3	0.338	0.0242	0.002	4.87E-06	0.0267	2.02E-07	0.000877	0.0379	0.00000283	0.0004	7.37E-06	12.9	9.60E-06	0.000128	0.000246
2066-04-01	40	20.7	10.70	2.13	0.0369	2.24	0.344	0.0242	0.00199	4.88E-06	0.0268	2.02E-07	0.000879	0.0369	0.00000282	0.000402	7.43E-06	13.1	9.61E-06	0.000128	0.000249
2066-05-01	40	19.7	10.20	2.01	0.0376	1.95	0.364	0.0237	0.0019	4.85E-06	0.0269	1.97E-07	0.000873	0.032	0.00000276	0.000406	7.56E-06	13.9	9.52E-06	0.000124	0.000258
2066-06-01	40	18.8	9.71	1.89	0.0384	1.68	0.384	0.0232	0.00181	4.83E-06	0.027	1.94E-07	0.000868	0.0273	0.00000271	0.00041	7.70E-06	14.7	9.44E-06	0.000121	0.000268
2066-07-01	40	18.5	9.59	1.85	0.039	1.58	0.395	0.0232	0.00179	4.86E-06	0.0273	1.94E-07	0.000873	0.0255	0.00000271	0.000414	7.82E-06	15.1	9.48E-06	0.00012	0.000274
2066-08-01	40	18.5	9.58	1.85	0.0395	1.54	0.403	0.0234	0.00179	4.90E-06	0.0276	1.95E-07	0.00088	0.0248	0.00000273	0.000419	7.92E-06	15.4	9.55E-06	1.21E-04	0.000278
2066-09-01	40	18.6	9.63	1.85	0.0399	1.53	0.408	0.0235	0.0018	4.94E-06	0.0278	1.96E-07	0.000887	0.0247	0.00000275	0.000423	7.99E-06	15.6	9.62E-06	1.21E-04	0.000281
2066-10-01	40	18.4	9.54	1.83	0.0398	1.51	0.407	0.0234	0.00178	4.91E-06	0.0277	1.95E-07	0.000882	0.0242	0.00000273	0.000421	7.96E-06	15.6	9.56E-06	1.20E-04	0.00028
2066-11-01	40	18.3	9.45	1.81	0.0395	1.49	0.405	0.0232	0.00176	4.88E-06	0.0275	1.93E-07	0.000875	0.0238	0.00000271	0.000418	7.90E-06	15.5	9.48E-06	1.19E-04	0.000278
2066-12-01	40	18.1	9.39	1.8	0.0393	1.48	0.403	0.0231	0.00175	4.85E-06	0.0273	1.92E-07	0.000871	0.0236	0.00000269	0.000416	7.86E-06	15.4	9.43E-06	1.19E-04	0.000277
2067-01-01	41	18.1	9.38	1.8	0.0393	1.47	0.403	0.023	0.00175	4.85E-06	0.0273	1.92E-07	0.00087	0.0236	0.00000269	0.000416	7.86E-06	15.4	9.42E-06	1.19E-04	0.000277
2067-02-01	41	18.1	9.36	1.8	0.0393	1.47	0.404	0.023	0.00175	4.85E-06	0.0273	1.92E-07	0.00087	0.0236	0.00000269	0.000416	7.86E-06	15.5	9.41E-06	1.18E-04	0.000277
2067-03-01	41	18	9.33	1.79	0.0394	1.47	0.405	0.0231	0.00174	4.85E-06	0.0273	1.92E-07	0.000869	0.0235	0.00000269	0.000416	7.88E-06	15.5	9.40E-06	1.18E-04	0.000278
2067-04-01	41	17.7	9.15	1.74	0.0398	1.44	0.41	0.023	0.00171	4.86E-06	0.0274	1.92E-07	0.000864	0.023	0.00000269	0.000415	7.92E-06	15.7	9.34E-06	1.17E-04	0.00028
2067-05-01	41	15.9	8.24	1.53	0.0407	1.31	0.426	0.0226	0.00154	4.83E-06	0.0275	1.89E-07	0.000832	0.0206	0.00000264	0.000408	8.02E-06	16.3	8.95E-06	1.09E-04	0.000287
2067-06-01	41	14	7.31	1.32	0.0417	1.18	0.443	0.0222	0.00137	4.81E-06	0.0275	1.85E-07	0.000799	0.0181	0.00000259	0.0004	8.12E-06	16.9	8.55E-06	1.00E-04	0.000295
2067-07-01	41	13.3	6.95	1.23	0.0425	1.14	0.454	0.0222	0.0013	4.84E-06	0.0278	1.85E-07	0.000791	0.0171	0.00000259	0.0004	8.23E-06	17.3	8.44E-06	9.73E-05	0.0003
2067-08-01	41	13	6.81	1.19	0.0431	1.12	0.462	0.0224	0.00127	4.88E-06	0.028	1.86E-07	0.000791	0.0167	0.00000261	0.000402	8.33E-06	17.6	8.43E-06	9.64E-05	0.000305
2067-09-01	41	12.9	6.78	1.18	0.0436	1.12	0.468	0.0225	0.00127	4.92E-06	0.0283	1.88E-07	0.000795	0.0166	0.00000263	0.000405	8.42E-06	17.9	8.47E-06	9.64E-05	0.000308
2067-10-01	41	12.7	6.67	1.16	0.0435	1.1	0.468	0.0224	0.00125	4.90E-06	0.0282	1.87E-07	0.000789	0.0163	0.00000261	0.000403	8.38E-06	17.8	8.39E-06	9.52E-05	0.000307
2067-11-01	41	12.5	6.57	1.14	0.0432	1.09	0.465	0.0222	0.00123	4.86E-06	0.028	1.85E-07	0.000781	0.0161	0.00000259	0.000399	8.32E-06	17.7	8.31E-06	9.41E-05	0.000305
2067-12-01	41	12.4	6.52	1.13	0.043	1.08	0.463	0.0221	0.00122	4.83E-06	0.0278	1.84E-07	0.000777	0.0159	0.00000258	0.000397	8.28E-06	17.7	8.25E-06	9.34E-05	0.000303
2068-01-01	42	12.4	6.51	1.13	0.043	1.08	0.463	0.0221	0.00122	4.83E-06	0.0278	1.84E-07	0.000776	0.0159	0.00000258	0.000397	8.28E-06	17.7	8.24E-06	9.33E-05	0.000303

Pond 2		Date	Mine Year	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous	
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Pond 2 Statistics (Year 4 to Year 42)																											
Minimum				0.0000103	0.000969	0.029	0.0000671	0.141	0.000146	0.0000104	0.00422	0.0419	0.00000798	0.00000198	0.00000338	0.0000013	0.00422	0.000194	0.00000298	2.13E-08	0.0000112	0.0000145	0.0000107	0.00000935	0.00004	0.0000691	
P10				0.00131	0.0356	1.775	0.00383	17.4	0.008205	0.000957	0.149	2.53	0.001475	0.000228	0.000383	0.0001825	0.1505	0.0197	0.000202	0.00000228	0.001575	0.000466	0.0007835	0.000473	0.00481	0.004035	
Median				0.003365	0.04075	5.385	0.00437	36.5	0.03245	0.00391	0.172	7.77	0.004825	0.0005935	0.00041	0.000515	0.1725	0.0733	0.00105	0.00000238	0.00467	0.00481	0.00112	0.000576	0.01295	0.0106	
P90				0.00727	0.05845	8.495	0.00606	55.05	0.07735	0.009875	0.2505	12.2	0.00749	0.00134	0.000423	0.00106	0.2515	0.185	0.00265	0.00000244	0.0108	0.0119	0.00195	0.0006575	0.0296	0.0217	
Maximum				0.00789	0.0963	8.86	0.00667	58.7	0.0822	0.0105	0.419	12.7	0.00854	0.00145	0.000425	0.00115	0.419	0.198	0.00284	0.00000246	0.0116	0.0127	0.00207	0.000929	3.19E-02	2.22E-02	
Monthly Results																											
2030-02-01				4	1.03E-05	0.000969	0.029	6.71E-05	0.141	0.000146	1.04E-05	0.00422	0.0419	7.98E-06	1.98E-06	3.38E-06	1.30E-06	0.00422	0.000194	2.98E-06	2.13E-08	1.12E-05	1.45E-05	1.07E-05	9.35E-06	4.00E-05	6.91E-05
2030-03-01				4	2.69E-05	0.00254	0.0763	0.000176	0.369	0.000382	2.73E-05	0.0111	0.11	2.09E-05	5.19E-06	8.88E-06	3.41E-06	0.0111	0.00051	7.82E-06	5.59E-08	2.95E-05	3.80E-05	2.81E-05	2.45E-05	0.000105	0.000181
2030-04-01				4	0.000107	0.0101	0.303	0.000696	1.46	0.00151	0.000108	0.0438	0.438	8.29E-05	2.06E-05	3.53E-05	1.35E-05	0.0438	0.00202	3.10E-05	2.22E-07	0.000117	0.00015	0.000111	9.70E-05	0.000416	0.000718
2030-05-01				4	0.000441	0.0416	1.26	0.00288	6.05	0.00626	0.000448	0.181	1.82	0.000343	8.51E-05	0.000146	5.58E-05	0.181	0.00836	0.000128	9.21E-07	0.000483	0.000622	0.00046	0.000401	0.00172	0.00297
2030-06-01				4	0.000765	0.0721	2.19	0.00499	10.5	0.0109	0.000777	0.314	3.17	0.000595	0.000148	0.000254	9.68E-05	0.314	0.0145	0.000222	1.60E-06	0.000838	0.00108	0.000797	0.000695	0.00298	0.00514
2030-07-01				4	0.000904	0.0852	2.6	0.0059	12.4	0.0128	0.000919	0.371	3.76	0.000703	0.000174	0.000301	0.000114	0.371	0.0172	0.000263	1.90E-06	0.00099	0.00128	0.000942	0.000822	0.00353	0.00608
2030-08-01				4	0.000974	0.0917	2.81	0.00635	13.4	0.0138	0.00099	0.399	4.06	0.000757	0.000188	0.000325	0.000123	0.399	0.0185	0.000283	2.05E-06	0.00107	0.00138	0.00101	0.000885	0.0038	0.00655
2030-09-01				4	0.00101	0.0948	2.91	0.00657	13.8	0.0143	0.00102	0.413	4.21	0.000783	0.000194	0.000337	0.000128	0.413	0.0191	0.000293	2.12E-06	0.0011	0.00142	0.00105	0.000915	0.00393	0.00677
2030-10-01				4	0.00102	0.0961	2.96	0.00665	14	0.0145	0.00104	0.418	4.28	0.000793	0.000197	0.000342	0.000129	0.418	0.0194	0.000297	2.15E-06	0.00112	0.00144	0.00106	0.000927	0.00398	0.00687
2030-11-01				4	0.00102	0.0963	2.98	0.00667	14.1	0.0145	0.00104	0.419	4.3	0.000795	0.000198	0.000344	0.00013	0.419	0.0194	0.000298	2.16E-06	0.00112	0.00145	0.00107	0.000929	0.00399	0.00688
2030-12-01				4	0.00102	0.0962	2.98	0.00666	14.1	0.0145	0.00104	0.419	4.31	0.000795	0.000197	0.000344	0.00013	0.419	0.0194	0.000298	2.16E-06	0.00112	0.00145	0.00106	0.000928	0.00399	0.00687
2031-01-01				5	0.00102	0.0962	2.98	0.00666	14.1	0.0145	0.00104	0.419	4.31	0.000795	0.000197	0.000344	0.00013	0.419	0.0194	0.000298	2.16E-06	0.00112	0.00145	0.00106	0.000928	0.00399	0.00688
2031-02-01				5	0.00103	0.0952	3.01	0.0066	14.2	0.0146	0.00105	0.414	4.35	0.000801	0.000199	0.000346	0.000131	0.414	0.0197	0.000301	2.17E-06	0.00114	0.00146	0.00106	0.000919	0.00402	0.00681
2031-03-01				5	0.00104	0.0935	3.06	0.0065	14.3	0.0146	0.00108	0.407	4.41	0.000811	0.0002	0.000348	0.000132	0.407	0.0201	0.000307	2.18E-06	0.00116	0.00149	0.00104	0.000904	0.00406	0.00671
2031-04-01				5	0.00108	0.0861	3.26	0.00604	14.8	0.0149	0.00117	0.373	4.7	0.000856	0.000208	0.000358	0.00014	0.374	0.0218	0.000332	2.21E-06	0.00126	0.00159	0.000988	0.000835	0.00426	0.00625
2031-05-01				5	0.00121	0.062	3.85	0.00454	16.2	0.0154	0.00145	0.266	5.55	0.000985	0.000229	0.000386	0.000162	0.267	0.027	0.000407	2.30E-06	0.00155	0.00191	0.000803	0.000614	0.00483	0.00474
2031-06-01				5	0.00126	0.0495	4.08	0.00376	16.6	0.0155	0.00156	0.211	5.89	0.00103	0.000236	0.000394	0.000171	0.211	0.0291	0.000437	2.31E-06	0.00166	0.00203	0.000702	0.000498	0.00503	0.00395
2031-07-01				5	0.00128	0.0474	4.18	0.00363	16.9	0.0157	0.0016	0.202	6.03	0.00106	0.00024	0.000401	0.000174	0.202	0.0299	0.000449	2.35E-06	0.00171	0.00208	0.000689	0.000479	0.00514	0.00383
2031-08-01				5	0.0013	0.047	4.26	0.00362	17.2	0.0159	0.00163	0.2	6.14	0.00107	0.000244	0.000406	0.000177	0.2	0.0304	0.000456	2.38E-06	0.00174	0.00212	0.000689	0.000476	0.00522	0.00381
2031-09-01				5	0.00133	0.0477	4.37	0.00368	17.6	0.0163	0.00167	0.203	6.31	0.0011	0.00025	0.000417	0.000182	0.203	0.0312	0.000469	2.44E-06	0.00179	0.00217	0.000702	0.000483	0.00535	0.00388
2031-10-01				5	0.00131	0.0466	4.31	0.00.																			

Pond 2	Date	Mine Year	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	2034-07-01	8	0.00201	0.0435	5.05	0.00378	20.6	0.0235	0.00267	0.184	7.31	0.00175	0.000375	0.000405	0.000286	0.185	0.05	0.000728	2.36E-06	0.00284	0.00335	0.000826	0.000472	0.00814	0.00474
	2034-08-01	8	0.00203	0.0439	5.1	0.00382	20.9	0.0238	0.00271	0.186	7.39	0.00178	0.00038	0.000409	0.000289	0.186	0.0507	0.000737	2.38E-06	0.00288	0.00339	0.000835	0.000477	0.00825	0.00481
	2034-09-01	8	0.00208	0.0449	5.22	0.00391	21.4	0.0243	0.00277	0.19	7.56	0.00182	0.000389	0.000418	0.000296	0.191	0.0519	0.000755	2.44E-06	0.00295	0.00348	0.000855	0.000488	0.00845	0.00493
	2034-10-01	8	0.00207	0.0445	5.18	0.00388	21.2	0.0241	0.00275	0.188	7.5	0.00181	0.000386	0.000415	0.000294	0.189	0.0515	0.00075	2.42E-06	0.00293	0.00345	0.000849	0.000484	0.00839	0.0049
	2034-11-01	8	0.00204	0.044	5.12	0.00383	21	0.0239	0.00272	0.186	7.41	0.00179	0.000382	0.00041	0.000291	0.187	0.0509	0.000741	2.39E-06	0.0029	0.00341	0.000839	0.000478	0.00829	0.00484
	2034-12-01	8	0.00203	0.0437	5.09	0.00381	20.9	0.0237	0.00271	0.185	7.37	0.00178	0.00038	0.000408	0.000289	0.186	0.0507	0.000737	2.38E-06	0.00288	0.00339	0.000834	0.000476	0.00825	0.00482
	2035-01-01	9	0.00203	0.0437	5.09	0.00381	20.9	0.0237	0.0027	0.185	7.37	0.00177	0.00038	0.000408	0.000289	0.186	0.0506	0.000737	2.37E-06	0.00288	0.00339	0.000833	0.000475	0.00824	0.00481
	2035-02-01	9	0.00204	0.0437	5.1	0.00382	20.9	0.0238	0.00272	0.185	7.39	0.00179	0.000382	0.000408	0.000291	0.186	0.0509	0.000741	2.38E-06	0.00289	0.00341	0.000836	0.000476	0.00829	0.0048
	2035-03-01	9	0.00206	0.0438	5.13	0.00383	21	0.024	0.00274	0.186	7.42	0.0018	0.000385	0.000408	0.000293	0.186	0.0514	0.000748	2.38E-06	0.00292	0.00344	0.000841	0.000477	0.00836	0.00477
	2035-04-01	9	0.00214	0.044	5.21	0.00389	21.4	0.0249	0.00285	0.186	7.55	0.00188	0.000399	0.000409	0.000305	0.187	0.0534	0.000776	2.38E-06	0.00304	0.00357	0.000861	0.000483	0.00868	0.00465
	2035-05-01	9	0.00235	0.0443	5.43	0.00402	22.3	0.0271	0.00315	0.188	7.85	0.00209	0.000439	0.000407	0.000337	0.188	0.059	0.000854	2.37E-06	0.00336	0.00392	0.000912	0.000493	0.00954	0.00423
	2035-06-01	9	0.00242	0.0437	5.45	0.00402	22.4	0.0278	0.00324	0.185	7.89	0.00216	0.00045	0.0004	0.000347	0.186	0.0607	0.000878	2.33E-06	0.00346	0.00403	0.000923	0.000491	0.00981	0.00398
	2035-07-01	9	0.00246	0.0442	5.52	0.00407	22.7	0.0282	0.0033	0.187	7.99	0.0022	0.000459	0.000404	0.000353	0.188	0.0618	0.000894	2.36E-06	0.00353	0.0041	0.000937	0.000497	0.00999	0.00398
	2035-08-01	9	0.00249	0.0446	5.59	0.00412	23	0.0286	0.00335	0.189	8.09	0.00223	0.000465	0.000408	0.000358	0.19	0.0627	0.000907	2.38E-06	0.00357	0.00416	0.000948	0.000503	0.0101	0.004
	2035-09-01	9	0.00256	0.0458	5.74	0.00423	23.6	0.0294	0.00344	0.194	8.31	0.00229	0.000478	0.000419	0.000368	0.195	0.0645	0.000932	2.44E-06	0.00367	0.00427	0.000974	0.000516	0.0104	0.00411
	2035-10-01	9	0.00253	0.0451	5.66	0.00417	23.3	0.029	0.00339	0.191	8.19	0.00226	0.000471	0.000413	0.000363	0.192	0.0636	0.000919	2.41E-06	0.00362	0.00421	0.00096	0.000509	0.0103	0.00404
	2035-11-01	9	0.0025	0.0447	5.6	0.00412	23.1	0.0287	0.00336	0.189	8.11	0.00224	0.000466	0.000409	0.000359	0.19	0.0629	0.00091	2.38E-06	0.00359	0.00417	0.000951	0.000503	0.0102	0.004
	2035-12-01	9	0.00249	0.0444	5.57	0.0041	22.9	0.0286	0.00334	0.188	8.07	0.00223	0.000464	0.000407	0.000357	0.189	0.0626	0.000905	2.37E-06	0.00357	0.00415	0.000946	0.000501	0.0101	0.00398
	2036-01-01	10	0.00249	0.0444	5.57	0.0041	22.9	0.0286	0.00334	0.188	8.07	0.00223	0.000464	0.000407	0.000357	0.189	0.0626	0.000905	2.37E-06	0.00357	0.00415	0.000945	0.000501	0.0101	0.00397
	2036-02-01	10	0.00249	0.0444	5.58	0.0041	23	0.0286	0.00335	0.188	8.07	0.00223	0.000465	0.000407	0.000358	0.189	0.0628	0.000907	2.37E-06	0.00358	0.00416	0.000946	0.0005	0.0101	0.00403
	2036-03-01	10	0.0025	0.0443	5.59	0.0041	23.1	0.0287	0.00337	0.188	8.09	0.00224	0.000467	0.000407	0.00036	0.188	0.0631	0.000912	2.37E-06	0.00359	0.00418	0.000948	0.0005	0.0102	0.00413
	2036-04-01	10	0.00255	0.0439	5.62	0.0041	23.4	0.0293	0.00343	0.186	8.14	0.00227	0.000475	0.000409	0.000366	0.187	0.0643	0.00093	2.38E-06	0.00366	0.00427	0.000955	0.000498	0.0104	0.00455
	2036-05-01	10	0.00264	0.0424	5.68	0.00407	24.2	0.0304	0.00359	0.179	8.22	0.00233	0.000493	0.000409	0.000381	0.18	0.0673	0.000973	2.38E-06	0.00382	0.00447	0.000965	0.000488	0.0108	0.00571
	2036-06-01	10	0.00264	0.0411	5.61	0.00399	24.2	0.0304	0.00361	0.174	8.13	0.00233	0.000493	0.000403	0.000381	0.174	0.0675	0.000976	2.34E-06	0.00383	0.00449	0.000955	0.000477	0.0108	0.00612
	2036-07-01	10	0.00268	0.0414	5.67	0.00402	24.5	0.0308	0.00365	0.175	8.21	0.00235	0.000499	0.000406	0.000386	0.175	0.0684	0.000989	2.36E-06	0.00387	0.00454	0.000964	0		

Pond 2																								
Date	Mine Year	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2039-07-01	13	0.00327	0.0362	5.21	0.00395	32.3	0.0357	0.0044	0.152	7.51	0.00314	0.000606	0.000412	0.000477	0.152	0.0827	0.00118	2.38E-06	0.00478	0.00534	0.00105	0.000455	0.0133	0.0107
2039-08-01	13	0.0033	0.0365	5.25	0.00398	32.6	0.036	0.00444	0.153	7.58	0.00317	0.000611	0.000415	0.000482	0.154	0.0835	0.00119	2.40E-06	0.00482	0.00539	0.00106	0.000459	0.0134	0.0108
2039-09-01	13	0.00333	0.0367	5.3	0.00402	32.9	0.0363	0.00448	0.154	7.64	0.0032	0.000616	0.000419	0.000486	0.155	0.0842	0.0012	2.42E-06	0.00486	0.00543	0.00107	0.000462	0.0135	0.0109
2039-10-01	13	0.00333	0.0367	5.29	0.00401	32.9	0.0363	0.00447	0.154	7.63	0.00319	0.000616	0.000418	0.000485	0.155	0.0841	0.0012	2.42E-06	0.00486	0.00542	0.00107	0.000462	0.0135	0.0109
2039-11-01	13	0.00333	0.0367	5.29	0.00401	32.9	0.0363	0.00447	0.154	7.63	0.00319	0.000616	0.000418	0.000485	0.154	0.084	0.0012	2.41E-06	0.00486	0.00542	0.00107	0.000461	0.0135	0.0109
2039-12-01	13	0.00338	0.0372	5.37	0.00407	33.4	0.0368	0.00454	0.156	7.75	0.00324	0.000625	0.000425	0.000493	0.157	0.0853	0.00122	2.45E-06	0.00493	0.00551	0.00108	0.000468	0.0137	0.011
2040-01-01	14	0.00337	0.0371	5.36	0.00406	33.3	0.0367	0.00453	0.156	7.73	0.00323	0.000623	0.000423	0.000491	0.156	0.0851	0.00121	2.45E-06	0.00492	0.00549	0.00108	0.000467	0.0137	0.011
2040-02-01	14	0.00338	0.0371	5.36	0.00406	33.3	0.0368	0.00454	0.156	7.73	0.00324	0.000625	0.000423	0.000493	0.156	0.0853	0.00122	2.44E-06	0.00493	0.0055	0.00108	0.000467	0.0137	0.011
2040-03-01	14	0.00339	0.0371	5.37	0.00407	33.4	0.0369	0.00456	0.156	7.74	0.00326	0.000627	0.000423	0.000495	0.156	0.0856	0.00122	2.44E-06	0.00495	0.00552	0.00109	0.000468	0.0138	0.011
2040-04-01	14	0.00345	0.037	5.4	0.00409	33.8	0.0374	0.00463	0.155	7.78	0.00333	0.000638	0.000423	0.000503	0.156	0.087	0.00124	2.44E-06	0.00504	0.0056	0.0011	0.00047	0.014	0.011
2040-05-01	14	0.00357	0.0365	5.42	0.00411	34.4	0.0384	0.00477	0.153	7.81	0.00349	0.000659	0.000417	0.000521	0.154	0.0897	0.00128	2.41E-06	0.00522	0.00575	0.00112	0.00047	0.0145	0.0108
2040-06-01	14	0.00356	0.0358	5.35	0.00405	34.1	0.0382	0.00475	0.15	7.71	0.0035	0.000657	0.000409	0.000519	0.151	0.0893	0.00127	2.36E-06	0.0052	0.00572	0.00111	0.000462	0.0144	0.0106
2040-07-01	14	0.0036	0.036	5.4	0.00409	34.4	0.0386	0.0048	0.151	7.78	0.00354	0.000664	0.000412	0.000525	0.152	0.0903	0.00129	2.38E-06	0.00526	0.00578	0.00112	0.000466	0.0146	0.0107
2040-08-01	14	0.00363	0.0363	5.45	0.00413	34.7	0.0389	0.00485	0.152	7.85	0.00357	0.00067	0.000415	0.00053	0.153	0.0911	0.0013	2.40E-06	0.00531	0.00583	0.00113	0.000471	0.0147	0.0108
2040-09-01	14	0.00366	0.0366	5.49	0.00416	35	0.0393	0.00489	0.154	7.91	0.0036	0.000676	0.000419	0.000535	0.154	0.0919	0.00131	2.42E-06	0.00535	0.00588	0.00114	0.000474	0.0148	0.0109
2040-10-01	14	0.00366	0.0366	5.49	0.00416	35	0.0392	0.00488	0.153	7.91	0.0036	0.000675	0.000418	0.000534	0.154	0.0918	0.00131	2.42E-06	0.00535	0.00588	0.00114	0.000474	0.0148	0.0109
2040-11-01	14	0.00366	0.0366	5.49	0.00416	35	0.0392	0.00488	0.153	7.9	0.0036	0.000675	0.000418	0.000534	0.154	0.0918	0.00131	2.42E-06	0.00535	0.00588	0.00114	0.000474	0.0148	0.0108
2040-12-01	14	0.00372	0.0372	5.57	0.00422	35.5	0.0399	0.00496	0.156	8.03	0.00366	0.000686	0.000425	0.000543	0.157	0.0933	0.00133	2.45E-06	0.00544	0.00597	0.00116	0.000481	0.0151	0.011
2041-01-01	15	0.00371	0.0371	5.56	0.00421	35.4	0.0397	0.00495	0.155	8.01	0.00365	0.000684	0.000424	0.000541	0.156	0.093	0.00132	2.45E-06	0.00542	0.00595	0.00115	0.00048	0.015	0.011
2041-02-01	15	0.00371	0.037	5.57	0.00421	35.5	0.0398	0.00496	0.155	8.02	0.00366	0.000686	0.000424	0.000542	0.156	0.0932	0.00133	2.45E-06	0.00543	0.00597	0.00116	0.00048	0.015	0.011
2041-03-01	15	0.00373	0.037	5.58	0.00422	35.6	0.04	0.00498	0.155	8.04	0.00367	0.000688	0.000424	0.000544	0.156	0.0936	0.00133	2.45E-06	0.00545	0.00599	0.00116	0.000481	0.0151	0.011
2041-04-01	15	0.00379	0.037	5.63	0.00424	35.8	0.0405	0.00505	0.155	8.11	0.00373	0.000699	0.000423	0.000553	0.156	0.095	0.00135	2.44E-06	0.00554	0.00608	0.00117	0.000482	0.0153	0.011
2041-05-01	15	0.0039	0.0364	5.7	0.00427	36.2	0.0416	0.0052	0.153	8.21	0.00386	0.00072	0.000417	0.000569	0.153	0.0978	0.00139	2.41E-06	0.00572	0.00625	0.00119	0.000482	0.0158	0.0108
2041-06-01	15	0.00389	0.0357	5.64	0.00421	35.8	0.0414	0.00518	0.15	8.13	0.00385	0.000717	0.000409	0.000567	0.15	0.0974	0.00139	2.36E-06	0.0057	0.00623	0.00118	0.000475	0.0158	0.0106
2041-07-01	15	0.00393	0.036	5.7	0.00425	36.1	0.0418	0.00524	0.151	8.2	0.00389	0.000725	0.000412	0.000573	0.152	0.0984	0.0014	2.38E-06	0.00576	0.00629	0.00119	0.000479	0.0159	0.0106
2041-08-01	15	0.00397	0.0363	5.75	0.00429	36.4	0.0422	0.00529	0.152	8.28	0.00393	0.00073												

Pond 2	Date	Mine Year	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	2044-07-01	18	0.00504	0.0357	6.35	0.00472	43.1	0.0511	0.00657	0.15	9.14	0.00536	0.000922	0.000413	0.00074	0.151	0.124	0.00175	2.38E-06	0.0074	0.0077	0.00144	0.000521	0.0203	0.0105
	2044-08-01	18	0.00508	0.036	6.41	0.00477	43.5	0.0516	0.00663	0.151	9.22	0.00541	0.00093	0.000416	0.000746	0.152	0.125	0.00176	2.40E-06	0.00746	0.00777	0.00145	0.000525	0.0205	0.0106
	2044-09-01	18	0.00512	0.0363	6.46	0.0048	43.8	0.052	0.00668	0.152	9.29	0.00545	0.000938	0.000419	0.000752	0.153	0.126	0.00177	2.42E-06	0.00752	0.00783	0.00146	0.00053	0.0206	0.0107
	2044-10-01	18	0.00512	0.0363	6.45	0.0048	43.8	0.0519	0.00667	0.152	9.28	0.00544	0.000937	0.000419	0.000751	0.153	0.126	0.00177	2.42E-06	0.00751	0.00783	0.00146	0.000529	0.0206	0.0107
	2044-11-01	18	0.00512	0.0362	6.45	0.00479	43.8	0.0519	0.00667	0.152	9.28	0.00544	0.000936	0.000418	0.000751	0.153	0.126	0.00177	2.41E-06	0.00751	0.00782	0.00146	0.000528	0.0206	0.0107
	2044-12-01	18	0.00519	0.0367	6.54	0.00486	44.3	0.0526	0.00676	0.154	9.4	0.00551	0.000949	0.000424	0.000761	0.155	0.127	0.0018	2.45E-06	0.00761	0.00793	0.00148	0.000536	0.0209	0.0108
	2045-01-01	19	0.00517	0.0366	6.52	0.00485	44.2	0.0525	0.00674	0.153	9.38	0.0055	0.000947	0.000423	0.000759	0.155	0.127	0.00179	2.44E-06	0.00759	0.00791	0.00147	0.000534	0.0208	0.0108
	2045-02-01	19	0.00518	0.0366	6.53	0.00485	44.3	0.0525	0.00675	0.153	9.39	0.00552	0.000949	0.000423	0.000761	0.155	0.127	0.00179	2.44E-06	0.00761	0.00792	0.00148	0.000535	0.0209	0.0108
	2045-03-01	19	0.0052	0.0366	6.54	0.00486	44.4	0.0527	0.00677	0.153	9.41	0.00554	0.000952	0.000423	0.000764	0.155	0.128	0.0018	2.44E-06	0.00763	0.00794	0.00148	0.000535	0.0209	0.0108
	2045-04-01	19	0.00527	0.0366	6.59	0.00488	44.7	0.0532	0.00685	0.153	9.48	0.00563	0.000963	0.000423	0.000774	0.154	0.129	0.00182	2.44E-06	0.00773	0.00802	0.00149	0.000538	0.0212	0.0108
	2045-05-01	19	0.00538	0.036	6.64	0.00489	45.1	0.0539	0.00697	0.151	9.55	0.00581	0.000983	0.000416	0.000791	0.152	0.131	0.00185	2.40E-06	0.00789	0.00812	0.00151	0.000537	0.0216	0.0106
	2045-06-01	19	0.00536	0.0354	6.58	0.00484	44.7	0.0535	0.00693	0.148	9.47	0.00582	0.000979	0.000409	0.000788	0.149	0.131	0.00184	2.36E-06	0.00787	0.00807	0.0015	0.000531	0.0216	0.0104
	2045-07-01	19	0.00542	0.0357	6.65	0.00488	45.2	0.0541	0.00701	0.15	9.57	0.00589	0.00099	0.000413	0.000797	0.151	0.132	0.00186	2.38E-06	0.00795	0.00816	0.00152	0.000536	0.0218	0.0105
	2045-08-01	19	0.00547	0.036	6.71	0.00492	45.6	0.0546	0.00707	0.151	9.65	0.00594	0.000998	0.000416	0.000804	0.152	0.133	0.00187	2.40E-06	0.00802	0.00823	0.00153	0.00054	0.022	0.0106
	2045-09-01	19	0.00551	0.0362	6.76	0.00496	45.9	0.055	0.00712	0.152	9.72	0.00598	0.00101	0.000419	0.00081	0.153	0.134	0.00189	2.42E-06	0.00808	0.00829	0.00154	0.000544	0.0221	0.0107
	2045-10-01	19	0.0055	0.0362	6.75	0.00495	45.8	0.0549	0.00711	0.152	9.7	0.00597	0.001	0.000419	0.000809	0.153	0.134	0.00189	2.42E-06	0.00807	0.00828	0.00154	0.000543	0.0221	0.0107
	2045-11-01	19	0.0055	0.0361	6.74	0.00495	45.8	0.0548	0.0071	0.151	9.7	0.00597	0.001	0.000418	0.000808	0.153	0.134	0.00188	2.41E-06	0.00806	0.00827	0.00154	0.000543	0.0221	0.0106
	2045-12-01	19	0.00556	0.0366	6.82	0.005	46.3	0.0555	0.00719	0.153	9.81	0.00604	0.00102	0.000423	0.000818	0.154	0.136	0.00191	2.44E-06	0.00816	0.00837	0.00156	0.000549	0.0224	0.0108
	2046-01-01	20	0.00555	0.0365	6.81	0.005	46.3	0.0554	0.00718	0.153	9.8	0.00603	0.00101	0.000423	0.000816	0.154	0.135	0.0019	2.44E-06	0.00815	0.00836	0.00155	0.000548	0.0223	0.0108
	2046-02-01	20	0.00556	0.0365	6.82	0.005	46.3	0.0555	0.00719	0.153	9.81	0.00604	0.00102	0.000423	0.000818	0.154	0.136	0.00191	2.44E-06	0.00816	0.00837	0.00156	0.000549	0.0224	0.0108
	2046-03-01	20	0.00558	0.0365	6.83	0.00501	46.4	0.0557	0.00721	0.153	9.83	0.00606	0.00102	0.000423	0.00082	0.154	0.136	0.00191	2.44E-06	0.00819	0.0084	0.00156	0.000549	0.0224	0.0108
	2046-04-01	20	0.00564	0.0365	6.87	0.00504	46.8	0.0563	0.00729	0.153	9.89	0.00613	0.00103	0.000422	0.000829	0.154	0.138	0.00193	2.44E-06	0.00828	0.00849	0.00157	0.000551	0.0227	0.0107
	2046-05-01	20	0.00574	0.0359	6.91	0.00505	47.1	0.0572	0.00742	0.15	9.94	0.00624	0.00105	0.000416	0.000844	0.152	0.14	0.00197	2.40E-06	0.00843	0.00864	0.00159	0.00055	0.0231	0.0106
	2046-06-01	20	0.00571	0.0353	6.84	0.005	46.7	0.0568	0.00738	0.148	9.84	0.00621	0.00104	0.000409	0.000839	0.149	0.139	0.00196	2.36E-06	0.00838	0.00859	0.00158	0.000544	0.0229	0.0104
	2046-07-01	20	0.00577	0.0356	6.91	0.00505	47.2	0.0574	0.00746	0.149	9.94	0.00627	0.00105	0.000413	0.000848	0.15	0.141	0.00198	2.38E-06	0.00847	0.00868	0.0016	0.000549	0.0232	0.0105
	2046-08-01	20	0.00582	0.0359	6.97	0.00509																			

Pond 2																								
Date	Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2049-07-01	23	0.00658	0.0354	7.73	0.00555	51.5	0.0681	0.00877	0.148	11.1	0.00675	0.00121	0.000413	0.000966	0.15	0.165	0.00234	2.38E-06	0.00974	0.0104	0.00179	0.000581	0.0266	0.0104
2049-08-01	23	0.00664	0.0357	7.8	0.0056	51.9	0.0686	0.00885	0.149	11.2	0.0068	0.00122	0.000417	0.000974	0.151	0.166	0.00236	2.40E-06	0.00983	0.0105	0.0018	0.000586	0.0269	0.0105
2049-09-01	23	0.00669	0.0359	7.86	0.00564	52.3	0.0692	0.00892	0.15	11.3	0.00686	0.00123	0.00042	0.000982	0.152	0.168	0.00238	2.42E-06	0.0099	0.0106	0.00182	0.00059	0.0271	0.0105
2049-10-01	23	0.00668	0.0359	7.85	0.00563	52.2	0.0691	0.0089	0.15	11.3	0.00684	0.00123	0.000419	0.00098	0.152	0.168	0.00237	2.42E-06	0.00989	0.0106	0.00181	0.000589	0.027	0.0105
2049-11-01	23	0.00667	0.0358	7.84	0.00563	52.1	0.069	0.00889	0.15	11.3	0.00684	0.00123	0.000419	0.00098	0.152	0.167	0.00237	2.42E-06	0.00988	0.0106	0.00181	0.000589	0.027	0.0105
2049-12-01	23	0.00676	0.0363	7.94	0.0057	52.8	0.0699	0.00901	0.152	11.4	0.00692	0.00124	0.000424	0.000992	0.153	0.169	0.0024	2.45E-06	0.01	0.0107	0.00184	0.000596	0.0274	0.0107
2050-01-01	24	0.00674	0.0362	7.93	0.00569	52.7	0.0698	0.00899	0.152	11.4	0.00691	0.00124	0.000423	0.00099	0.153	0.169	0.0024	2.44E-06	0.00998	0.0107	0.00183	0.000595	0.0273	0.0106
2050-02-01	24	0.00675	0.0362	7.94	0.00569	52.7	0.0698	0.009	0.152	11.4	0.00691	0.00124	0.000423	0.000991	0.153	0.169	0.0024	2.44E-06	0.00999	0.0107	0.00183	0.000595	0.0273	0.0106
2050-03-01	24	0.00676	0.0362	7.95	0.0057	52.8	0.07	0.00902	0.152	11.4	0.00691	0.00124	0.000423	0.000992	0.153	0.17	0.0024	2.44E-06	0.01	0.0107	0.00184	0.000596	0.0274	0.0106
2050-04-01	24	0.0068	0.0362	7.99	0.00572	52.9	0.0706	0.00909	0.151	11.5	0.00691	0.00125	0.000423	0.000997	0.153	0.171	0.00242	2.44E-06	0.0101	0.0108	0.00185	0.000597	0.0275	0.0106
2050-05-01	24	0.00681	0.0356	8.02	0.00572	52.7	0.0714	0.00917	0.149	11.6	0.00683	0.00125	0.000417	0.000999	0.151	0.172	0.00245	2.40E-06	0.0101	0.0109	0.00185	0.000593	0.0276	0.0104
2050-06-01	24	0.00674	0.035	7.94	0.00566	52	0.0708	0.00909	0.146	11.4	0.00672	0.00124	0.00041	0.000988	0.148	0.171	0.00243	2.36E-06	0.01	0.0109	0.00183	0.000585	0.0274	0.0103
2050-07-01	24	0.00681	0.0353	8.02	0.00571	52.5	0.0716	0.00919	0.148	11.6	0.00679	0.00125	0.000414	0.000998	0.149	0.173	0.00245	2.39E-06	0.0101	0.011	0.00184	0.000591	0.0276	0.0104
2050-08-01	24	0.00686	0.0356	8.09	0.00576	52.9	0.0722	0.00926	0.149	11.7	0.00684	0.00126	0.000417	0.00101	0.151	0.174	0.00247	2.40E-06	0.0102	0.0111	0.00186	0.000595	0.0279	0.0104
2050-09-01	24	0.00691	0.0359	8.15	0.0058	53.3	0.0727	0.00933	0.15	11.7	0.00689	0.00127	0.00042	0.00101	0.152	0.175	0.00249	2.42E-06	0.0103	0.0112	0.00187	0.0006	0.0281	0.0105
2050-10-01	24	0.0069	0.0358	8.14	0.00579	53.2	0.0726	0.00932	0.15	11.7	0.00688	0.00127	0.000419	0.00101	0.151	0.175	0.00249	2.42E-06	0.0102	0.0111	0.00187	0.000599	0.028	0.0105
2050-11-01	24	0.0069	0.0358	8.13	0.00579	53.1	0.0725	0.00931	0.15	11.7	0.00687	0.00127	0.000419	0.00101	0.151	0.175	0.00249	2.42E-06	0.0102	0.0111	0.00187	0.000598	0.028	0.0105
2050-12-01	24	0.00698	0.0362	8.23	0.00586	53.8	0.0734	0.00942	0.151	11.9	0.00695	0.00129	0.000424	0.00102	0.153	0.177	0.00252	2.44E-06	0.0104	0.0113	0.00189	0.000605	0.0283	0.0106
2051-01-01	25	0.00697	0.0361	8.21	0.00585	53.7	0.0733	0.0094	0.151	11.8	0.00694	0.00128	0.000423	0.00102	0.153	0.177	0.00251	2.44E-06	0.0103	0.0113	0.00189	0.000604	0.0283	0.0106
2051-02-01	25	0.00697	0.0361	8.22	0.00585	53.7	0.0734	0.00942	0.151	11.8	0.00694	0.00128	0.000423	0.00102	0.153	0.177	0.00252	2.44E-06	0.0104	0.0113	0.00189	0.000605	0.0283	0.0106
2051-03-01	25	0.00699	0.0361	8.23	0.00586	53.8	0.0736	0.00944	0.151	11.9	0.00695	0.00129	0.000423	0.00102	0.153	0.177	0.00252	2.44E-06	0.0104	0.0113	0.00189	0.000605	0.0284	0.0106
2051-04-01	25	0.00703	0.0361	8.28	0.00589	54	0.0742	0.00951	0.151	11.9	0.00696	0.00129	0.000423	0.00103	0.153	0.179	0.00254	2.44E-06	0.0104	0.0114	0.0019	0.000606	0.0286	0.0106
2051-05-01	25	0.00705	0.0355	8.28	0.00588	53.8	0.0748	0.00957	0.149	11.9	0.00691	0.0013	0.000416	0.00103	0.15	0.18	0.00256	2.40E-06	0.0105	0.0115	0.0019	0.000602	0.0287	0.0104
2051-06-01	25	0.00699	0.0349	8.21	0.00582	53.2	0.0743	0.0095	0.146	11.8	0.00683	0.00129	0.00041	0.00102	0.148	0.178	0.00255	2.36E-06	0.0104	0.0114	0.00188	0.000595	0.0284	0.0102
2051-07-01	25	0.00707	0.0353	8.3	0.00588	53.7	0.0751	0.0096	0.148	12	0.0069	0.0013	0.000414	0.00103	0.149	0.18	0.00257	2.39E-06	0.0105	0.0116	0.0019	0.000601	0.0287	0.0103
2051-08-01	25	0.00712	0.0355	8.36	0.00592	54.1	0.0757	0.00968	0.149	12	0.00695	0.00131	0.000417	0.00104	0.15	0.182	0.00259	2.41E-06	0.0106	0.0117	0.00192	0.000606	0.029	0.0104
2051-09-01	25	0.00717	0.0358	8.42.																				

Pond 2	Date	Mine Year	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	2054-07-01	28	0.00757	0.0351	8.65	0.00609	56.4	0.0799	0.0102	0.147	12.4	0.0074	0.00139	0.000415	0.0011	0.148	0.191	0.00275	2.39E-06	0.0112	0.0123	0.002	0.000619	0.0307	0.0103
	2054-08-01	28	0.00762	0.0353	8.71	0.00613	56.8	0.0804	0.0103	0.148	12.5	0.00746	0.0014	0.000417	0.00111	0.149	0.193	0.00277	2.41E-06	0.0113	0.0124	0.00202	0.000623	0.0309	0.0103
	2054-09-01	28	0.00767	0.0355	8.76	0.00617	57.2	0.0809	0.0103	0.149	12.6	0.00751	0.00141	0.00042	0.00112	0.15	0.194	0.00279	2.42E-06	0.0113	0.0125	0.00203	0.000627	0.0311	0.0104
	2054-10-01	28	0.00765	0.0355	8.75	0.00616	57.1	0.0808	0.0103	0.148	12.6	0.00749	0.00141	0.000419	0.00111	0.15	0.194	0.00278	2.42E-06	0.0113	0.0125	0.00203	0.000626	0.0311	0.0104
	2054-11-01	28	0.00764	0.0354	8.73	0.00615	57	0.0807	0.0103	0.148	12.6	0.00748	0.00141	0.000419	0.00111	0.15	0.193	0.00278	2.42E-06	0.0113	0.0124	0.00202	0.000625	0.031	0.0104
	2054-12-01	28	0.00771	0.0357	8.81	0.00621	57.5	0.0814	0.0104	0.149	12.7	0.00755	0.00142	0.000423	0.00112	0.151	0.195	0.0028	2.44E-06	0.0114	0.0125	0.00204	0.000631	0.0313	0.0105
	2055-01-01	29	0.00772	0.0358	8.82	0.00621	57.6	0.0815	0.0104	0.15	12.7	0.00756	0.00142	0.000423	0.00112	0.151	0.195	0.0028	2.44E-06	0.0114	0.0126	0.00204	0.000631	0.0313	0.0105
	2055-02-01	29	0.00772	0.0358	8.82	0.00622	57.6	0.0815	0.0104	0.15	12.7	0.00756	0.00142	0.000423	0.00112	0.151	0.195	0.0028	2.44E-06	0.0114	0.0126	0.00204	0.000631	0.0313	0.0105
	2055-03-01	29	0.00773	0.0358	8.83	0.00622	57.7	0.0815	0.0104	0.15	12.7	0.00758	0.00142	0.000423	0.00112	0.151	0.196	0.00281	2.44E-06	0.0114	0.0126	0.00205	0.000632	0.0314	0.0105
	2055-04-01	29	0.00776	0.0357	8.82	0.00622	57.8	0.0816	0.0104	0.149	12.7	0.00763	0.00143	0.000423	0.00113	0.151	0.196	0.00281	2.44E-06	0.0115	0.0126	0.00205	0.000632	0.0315	0.0105
	2055-05-01	29	0.00772	0.0351	8.7	0.00614	57.5	0.0807	0.0103	0.147	12.5	0.00766	0.00142	0.000416	0.00112	0.149	0.194	0.00278	2.40E-06	0.0114	0.0124	0.00203	0.000625	0.0313	0.0103
	2055-06-01	29	0.00765	0.0347	8.6	0.00607	56.9	0.0798	0.0102	0.145	12.4	0.00762	0.0014	0.000411	0.00111	0.147	0.192	0.00275	2.37E-06	0.0113	0.0123	0.00201	0.000618	0.031	0.0102
	2055-07-01	29	0.00773	0.035	8.68	0.00613	57.6	0.0806	0.0103	0.146	12.5	0.0077	0.00142	0.000415	0.00112	0.148	0.194	0.00278	2.39E-06	0.0114	0.0124	0.00203	0.000624	0.0313	0.0103
	2055-08-01	29	0.00778	0.0352	8.74	0.00617	58	0.0811	0.0104	0.147	12.6	0.00776	0.00143	0.000418	0.00113	0.149	0.195	0.0028	2.41E-06	0.0115	0.0125	0.00205	0.000628	0.0315	0.0103
	2055-09-01	29	0.00783	0.0355	8.8	0.00621	58.3	0.0816	0.0105	0.148	12.7	0.00781	0.00144	0.00042	0.00114	0.15	0.197	0.00282	2.42E-06	0.0116	0.0126	0.00206	0.000632	0.0317	0.0104
	2055-10-01	29	0.00782	0.0354	8.78	0.0062	58.2	0.0815	0.0104	0.148	12.6	0.00779	0.00143	0.000419	0.00114	0.15	0.196	0.00281	2.42E-06	0.0115	0.0125	0.00206	0.000631	0.0316	0.0104
	2055-11-01	29	0.00781	0.0353	8.77	0.00619	58.1	0.0814	0.0104	0.148	12.6	0.00778	0.00143	0.000419	0.00114	0.15	0.196	0.00281	2.42E-06	0.0115	0.0125	0.00205	0.00063	0.0316	0.0104
	2055-12-01	29	0.00787	0.0356	8.85	0.00624	58.6	0.0821	0.0105	0.149	12.7	0.00785	0.00144	0.000423	0.00115	0.151	0.198	0.00283	2.44E-06	0.0116	0.0126	0.00207	0.000636	0.0319	0.0104
	2056-01-01	30	0.00789	0.0357	8.86	0.00625	58.7	0.0822	0.0105	0.149	12.7	0.00786	0.00145	0.000423	0.00115	0.151	0.198	0.00284	2.44E-06	0.0116	0.0127	0.00207	0.000637	0.0319	0.0105
	2056-02-01	30	0.00789	0.0357	8.86	0.00625	58.7	0.0822	0.0105	0.149	12.7	0.00787	0.00145	0.000423	0.00115	0.151	0.198	0.00284	2.44E-06	0.0116	0.0127	0.00207	0.000637	0.0319	0.0105
	2056-03-01	30	0.00781	0.0362	8.71	0.00622	58.5	0.0808	0.0104	0.152	12.5	0.00789	0.00143	0.000423	0.00114	0.153	0.195	0.00279	2.44E-06	0.0115	0.0124	0.00206	0.000638	0.0316	0.0107
	2056-04-01	30	0.00741	0.0385	8.01	0.00605	57.2	0.0739	0.00959	0.162	11.5	0.00796	0.00135	0.00042	0.00109	0.164	0.181	0.00256	2.43E-06	0.0109	0.0112	0.00198	0.000642	0.0298	0.0119
	2056-05-01	30	0.00582	0.0469	5.24	0.00532	51.7	0.0467	0.00647	0.199	7.52	0.00814	0.00103	0.000403	0.000876	0.201	0.125	0.00165	2.36E-06	0.00822	0.00662	0.00166	0.000649	0.0226	0.0163
	2056-06-01	30	0.00454	0.0537	3.02	0.00474	47.3	0.0249	0.00397	0.23	4.32	0.00828	0.000767	0.000391	0.000708	0.23	0.0799	0.000927	2.31E-06	0.00611	0.00292	0.00141	0.000655	0.0168	0.0198
	2056-07-01	30	0.00415	0.0563	2.3	0.00458	46.1	0.0178	0.00317	0.241	3.28	0.00839	0.000686	0.000389	0.000657	0.242	0.0654	0.00069	2.30E-06	0.00544	0.00171	0.00133	0.000662	0.015	0.0211
	2056-08-01	30	0.00401	0.0576	2.03	0.00454	45.9	0.015	0.00286	0.247	2.89	0.00847	0.000657												

Pond 2	Date	Mine Year	Copper	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	2059-07-01	33	0.00308	0.0573	1.76	0.00424	39	0.0105	0.00202	0.245	2.51	0.0067	0.000501	0.000387	0.000491	0.246	0.0431	0.000407	2.30E-06	0.00391	0.000648	0.00111	0.00063	0.0109	0.0217
	2059-08-01	33	0.00309	0.0577	1.78	0.00427	39.2	0.0106	0.00203	0.247	2.53	0.00672	0.000502	0.00039	0.000493	0.248	0.0432	0.000408	2.31E-06	0.00392	0.000651	0.00111	0.000634	0.0109	0.0219
	2059-09-01	33	0.0031	0.0581	1.79	0.0043	39.4	0.0107	0.00204	0.249	2.55	0.00676	0.000505	0.000392	0.000495	0.249	0.0435	0.00041	2.33E-06	0.00394	0.000655	0.00112	0.000638	0.011	0.022
	2059-10-01	33	0.00308	0.0577	1.78	0.00427	39.1	0.0106	0.00202	0.247	2.54	0.00671	0.000501	0.00039	0.000492	0.248	0.0431	0.000407	2.31E-06	0.00391	0.00065	0.00111	0.000633	0.0109	0.0219
	2059-11-01	33	0.00305	0.0572	1.77	0.00424	38.8	0.0105	0.00201	0.245	2.52	0.00665	0.000497	0.000387	0.000488	0.246	0.0428	0.000404	2.30E-06	0.00387	0.000645	0.0011	0.000628	0.0108	0.0217
	2059-12-01	33	0.00304	0.0569	1.76	0.00422	38.6	0.0104	0.002	0.244	2.51	0.00662	0.000494	0.000385	0.000485	0.244	0.0426	0.000402	2.29E-06	0.00385	0.000642	0.0011	0.000625	0.0107	0.0216
	2060-01-01	34	0.00304	0.0569	1.76	0.00421	38.6	0.0104	0.002	0.244	2.51	0.00661	0.000494	0.000385	0.000485	0.244	0.0425	0.000402	2.29E-06	0.00385	0.000641	0.0011	0.000625	0.0107	0.0216
	2060-02-01	34	0.00303	0.0569	1.76	0.00421	38.6	0.0104	0.00199	0.244	2.51	0.00661	0.000494	0.000385	0.000484	0.244	0.0425	0.000401	2.29E-06	0.00385	0.000641	0.0011	0.000625	0.0107	0.0216
	2060-03-01	34	0.00303	0.057	1.76	0.00422	38.6	0.0104	0.00199	0.244	2.51	0.00659	0.000493	0.000386	0.000484	0.245	0.0424	0.000401	2.29E-06	0.00384	0.000641	0.0011	0.000625	0.0107	0.0216
	2060-04-01	34	0.003	0.0571	1.77	0.00422	38.4	0.0104	0.00197	0.245	2.52	0.00654	0.000489	0.000387	0.000479	0.245	0.0421	0.000397	2.29E-06	0.00381	0.000637	0.00109	0.000625	0.0106	0.0217
	2060-05-01	34	0.00287	0.0568	1.76	0.00418	37.3	0.0101	0.00189	0.244	2.52	0.00623	0.000468	0.000385	0.000458	0.244	0.0402	0.00038	2.29E-06	0.00363	0.000618	0.00106	0.000618	0.0102	0.0216
	2060-06-01	34	0.00277	0.0567	1.76	0.00415	36.5	0.00987	0.00182	0.243	2.51	0.00599	0.000451	0.000385	0.000441	0.243	0.0387	0.000367	2.28E-06	0.00349	0.000602	0.00104	0.000613	0.00979	0.0215
	2060-07-01	34	0.00275	0.057	1.77	0.00417	36.4	0.00986	0.00181	0.244	2.53	0.00595	0.000449	0.000387	0.000438	0.245	0.0385	0.000365	2.30E-06	0.00347	0.000602	0.00104	0.000616	0.00974	0.0216
	2060-08-01	34	0.00276	0.0574	1.78	0.00419	36.6	0.00991	0.00181	0.246	2.55	0.00597	0.00045	0.00039	0.000439	0.246	0.0386	0.000366	2.31E-06	0.00348	0.000604	0.00105	0.000619	0.00976	0.0218
	2060-09-01	34	0.00277	0.0578	1.8	0.00422	36.8	0.00997	0.00182	0.248	2.57	0.006	0.000453	0.000393	0.000441	0.248	0.0387	0.000368	2.33E-06	0.0035	0.000608	0.00105	0.000623	0.00981	0.0219
	2060-10-01	34	0.00275	0.0574	1.79	0.00419	36.5	0.0099	0.00181	0.246	2.56	0.00595	0.000449	0.00039	0.000438	0.246	0.0385	0.000365	2.32E-06	0.00347	0.000604	0.00105	0.000619	0.00974	0.0218
	2060-11-01	34	0.00273	0.0569	1.78	0.00416	36.2	0.00982	0.00179	0.244	2.54	0.0059	0.000445	0.000387	0.000434	0.244	0.0381	0.000362	2.30E-06	0.00344	0.000599	0.00104	0.000614	0.00966	0.0216
	2060-12-01	34	0.00272	0.0567	1.77	0.00414	36.1	0.00977	0.00178	0.243	2.53	0.00587	0.000443	0.000386	0.000432	0.243	0.0379	0.00036	2.29E-06	0.00342	0.000596	0.00103	0.000611	0.00961	0.0215
	2061-01-01	35	0.00271	0.0566	1.77	0.00414	36	0.00976	0.00178	0.243	2.53	0.00587	0.000443	0.000386	0.000432	0.243	0.0379	0.00036	2.29E-06	0.00342	0.000596	0.00103	0.000611	0.0096	0.0215
	2061-02-01	35	0.00271	0.0567	1.77	0.00414	36	0.00976	0.00178	0.243	2.53	0.00586	0.000442	0.000386	0.000431	0.243	0.0379	0.00036	2.29E-06	0.00342	0.000595	0.00103	0.000611	0.00959	0.0215
	2061-03-01	35	0.00271	0.0567	1.77	0.00414	36	0.00975	0.00178	0.243	2.53	0.00585	0.000442	0.000386	0.000431	0.243	0.0378	0.000359	2.29E-06	0.00341	0.000595	0.00103	0.000611	0.00957	0.0215
	2061-04-01	35	0.00268	0.0568	1.77	0.00414	35.8	0.00971	0.00176	0.244	2.54	0.00579	0.000438	0.000387	0.000426	0.244	0.0374	0.000356	2.29E-06	0.00338	0.000591	0.00103	0.000611	0.00948	0.0216
	2061-05-01	35	0.00255	0.0566	1.77	0.0041	34.7	0.00942	0.00167	0.242	2.53	0.00549	0.000417	0.000386	0.000405	0.243	0.0356	0.000339	2.29E-06	0.0032	0.000572	0.000998	0.000605	0.00902	0.0215
	2061-06-01	35	0.00245	0.0564	1.77	0.00407	33.9	0.0092	0.0016	0.242	2.53	0.00525	0.000401	0.000385	0.000388	0.242	0.0341	0.000326	2.28E-06	0.00307	0.000557	0.000976	0.000599	0.00866	0.0214
	2061-07-01	35	0.00243	0.0567	1.78	0.00409	33.9	0.00919	0.00159	0.243	2.55	0.00521	0.000398	0.000387	0.000385	0.243	0.0338	0.000323	2.30E-06	0.00304	0.00.				

Pond 2

Date	Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2064-07-01	38	0.00149	0.0559	1.81	0.00386	26.3	0.0072	0.00096	0.239	2.61	0.00302	0.000248	0.000388	0.00023	0.24	0.0203	0.000202	2.30E-06	0.00179	0.000422	0.00078	0.000561	0.00527	0.0212
2064-08-01	38	0.00148	0.0563	1.82	0.00388	26.4	0.00723	0.000959	0.241	2.63	0.00302	0.000247	0.000391	0.00023	0.241	0.0203	0.000202	2.32E-06	0.00178	0.000423	0.000783	0.000564	0.00527	0.0214
2064-09-01	38	0.00149	0.0567	1.83	0.00391	26.6	0.00727	0.000963	0.243	2.65	0.00303	0.000248	0.000394	0.000231	0.243	0.0204	0.000202	2.33E-06	0.00179	0.000425	0.000788	0.000568	0.00529	0.0215
2064-10-01	38	0.00148	0.0563	1.82	0.00388	26.4	0.00721	0.000955	0.241	2.63	0.003	0.000246	0.000392	0.000229	0.241	0.0202	0.000201	2.32E-06	0.00178	0.000422	0.000782	0.000564	0.00524	0.0214
2064-11-01	38	0.00147	0.0559	1.81	0.00385	26.2	0.00716	0.000947	0.239	2.62	0.00298	0.000244	0.000389	0.000227	0.239	0.02	0.000199	2.30E-06	0.00176	0.000419	0.000776	0.000559	0.0052	0.0212
2064-12-01	38	0.00146	0.0556	1.8	0.00383	26	0.00712	0.000942	0.238	2.6	0.00296	0.000243	0.000387	0.000226	0.238	0.0199	0.000198	2.29E-06	0.00175	0.000417	0.000772	0.000557	0.00517	0.0211
2065-01-01	39	0.00146	0.0555	1.8	0.00383	26	0.00712	0.000941	0.238	2.6	0.00296	0.000243	0.000387	0.000226	0.238	0.0199	0.000198	2.29E-06	0.00175	0.000417	0.000771	0.000556	0.00517	0.0211
2065-02-01	39	0.00146	0.0557	1.81	0.00384	26	0.00712	0.00094	0.238	2.61	0.00296	0.000243	0.000387	0.000225	0.239	0.0199	0.000198	2.29E-06	0.00175	0.000417	0.000772	0.000557	0.00516	0.021
2065-03-01	39	0.00145	0.0559	1.81	0.00385	26	0.00714	0.000939	0.239	2.62	0.00295	0.000243	0.000387	0.000225	0.24	0.0199	0.000198	2.29E-06	0.00174	0.000418	0.000774	0.000559	0.00516	0.021
2065-04-01	39	0.00145	0.0567	1.84	0.00391	25.7	0.00719	0.000933	0.243	2.66	0.00293	0.000241	0.000387	0.000224	0.243	0.0197	0.000197	2.29E-06	0.00173	0.00042	0.00078	0.000567	0.00513	0.0208
2065-05-01	39	0.00139	0.0594	1.93	0.00408	24.5	0.00728	0.000897	0.255	2.79	0.00278	0.000234	0.000382	0.000214	0.255	0.0189	0.000191	2.28E-06	0.00165	0.000423	0.000794	0.000591	0.00495	0.0195
2065-06-01	39	0.00135	0.0617	2.01	0.00422	23.5	0.00737	0.000866	0.265	2.91	0.00266	0.000227	0.000379	0.000207	0.266	0.0182	0.000185	2.26E-06	0.00158	0.000426	0.000806	0.000611	0.0048	0.0185
2065-07-01	39	0.00134	0.063	2.05	0.00431	23.3	0.00746	0.000861	0.271	2.98	0.00264	0.000226	0.00038	0.000205	0.271	0.0181	0.000185	2.27E-06	0.00157	0.00043	0.000816	0.000623	0.00477	0.0182
2065-08-01	39	0.00135	0.0638	2.08	0.00436	23.3	0.00753	0.000863	0.275	3.02	0.00264	0.000227	0.000383	0.000206	0.275	0.0182	0.000185	2.29E-06	0.00157	0.000434	0.000824	0.000631	0.00479	0.0182
2065-09-01	39	0.00136	0.0644	2.1	0.0044	23.4	0.00759	0.000868	0.277	3.05	0.00265	0.000229	0.000385	0.000207	0.277	0.0183	0.000187	2.31E-06	0.00158	0.000438	0.000831	0.000636	0.00482	0.0183
2065-10-01	39	0.00135	0.0641	2.09	0.00438	23.2	0.00755	0.000861	0.276	3.04	0.00263	0.000227	0.000383	0.000205	0.276	0.0181	0.000185	2.29E-06	0.00157	0.000435	0.000826	0.000633	0.00478	0.0181
2065-11-01	39	0.00133	0.0637	2.08	0.00435	23	0.00749	0.000854	0.274	3.02	0.00261	0.000225	0.00038	0.000203	0.274	0.018	0.000184	2.27E-06	0.00156	0.000432	0.00082	0.000629	0.00474	0.018
2065-12-01	39	0.00133	0.0634	2.07	0.00433	22.9	0.00746	0.000849	0.273	3.01	0.0026	0.000224	0.000378	0.000202	0.273	0.0179	0.000183	2.26E-06	0.00155	0.00043	0.000816	0.000626	0.00471	0.0179
2066-01-01	40	0.00133	0.0633	2.07	0.00433	22.9	0.00745	0.000849	0.273	3.01	0.00259	0.000224	0.000378	0.000202	0.273	0.0179	0.000183	2.26E-06	0.00155	0.00043	0.000815	0.000625	0.00471	0.0178
2066-02-01	40	0.00133	0.0635	2.08	0.00434	22.8	0.00746	0.000848	0.273	3.01	0.00259	0.000224	0.000378	0.000202	0.273	0.0178	0.000183	2.26E-06	0.00154	0.00043	0.000817	0.000627	0.00471	0.0178
2066-03-01	40	0.00132	0.0638	2.09	0.00435	22.8	0.00748	0.000847	0.274	3.03	0.00259	0.000223	0.000378	0.000202	0.275	0.0178	0.000182	2.26E-06	0.00154	0.000431	0.000819	0.000629	0.0047	0.0177
2066-04-01	40	0.00132	0.0649	2.12	0.00443	22.5	0.00756	0.000842	0.28	3.08	0.00256	0.000223	0.000378	0.0002	0.28	0.0177	0.000182	2.27E-06	0.00153	0.000435	0.000828	0.00064	0.00468	0.0174
2066-05-01	40	0.00127	0.069	2.26	0.00469	20.9	0.00777	0.000807	0.298	3.29	0.00242	0.000216	0.000371	0.000191	0.298	0.0169	0.000176	2.24E-06	0.00145	0.000444	0.000855	0.000677	0.00451	0.0155
2066-06-01	40	0.00123	0.073	2.39	0.00495	19.4	0.00799	0.000775	0.315	3.48	0.00228	0.00021	0.000366	0.000183	0.315	0.0162	0.000171	2.22E-06	0.00138	0.000453	0.000882	0.000713	0.00436	0.0138
2066-07-01	40	0.00122	0.0751	2.46	0.00509	19	0.00814	0.000767	0.325	3.59	0.00225	0.000209	0.000366	0.000181	0.325	0.016	0.000171	2.23E-06	0.00136	0.000461	0.000899	0.000733	0.00433	0.0132
2066-08-01	40	0.00122	0.0765	2.51	0.00518	18.8	0.00825	0.000768	0.331	3.67	0.00224	0.000209	0.000368	0.000181	0.331	0.016	0.000171	2.24E-06	0.00135	0.000467	0.000912	0.000746	0.00433	0.013
2066-09-01	40	0.00122	0.0775	2.55	0.00525	18.9	0.00833	0.000772	0.335	3.71	0.00225	0.00021	0.000371	0.000182	0.335	0.0161	0.000172	2.26E-06	0.00136	0.000471	0.000922	0.000755	0.00436	0.013
2066-10-01	40	0.00121	0.0773	2.54	0.00523	18.7	0.0083	0.000765	0.334	3.71	0.00223	0.000209	0.000369	0.00018	0.335	0.016	0.000171	2.25E-06	0.00135	0.00047	0.000918	0.000753	0.00432	0.0128
2066-11-01	40	0.0012	0.0768	2.53	0.0052	18.5	0.00824	0.000758	0.332	3.69	0.0022	0.000207	0.000366	0.000178	0.333	0.0158	0.000169	2.23E-06	0.00133	0.000466	0.000912	0.000748	0.00428	0.0126
2066-12-01	40	0.0012	0.0765	2.52	0.00518	18.3	0.0082	0.000754	0.331	3.67	0.00219	0.000206	0.000364	0.000177	0.331	0.0157	0.000168	2.22E-06	0.00132	0.000464	0.000908	0.000745	0.00426	0.0125
2067-01-01	41	0.0012	0.0764	2.52	0.00517	18.3	0.0082	0.000753	0.331	3.67	0.00219	0.000206	0.000363	0.000177	0.331	0.0157	0.000168	2.22E-06	0.00132	0.000464	0.000907	0.000744	0.00425	0.0125
2067-02-01	41	0.00119	0.0765	2.52	0.00518	18.3	0.0082	0.000751	0.331	3.68	0.00218	0.000205	0.000363	0.000177	0.331	0.0157	0.000168	2.22E-06	0.00132	0.000464	0.000908	0.000745	0.00425	0.0125
2067-03-01	41	0.00119	0.0768	2.53	0.0052	18.2	0.00821	0.000749	0.332	3.69	0.00217	0.000205	0.000364	0.000176	0.332	0.0156	0.000168	2.22E-06	0.00131	0.000464	0.000909	0.000747	0.00424	0.0124
2067-04-01	41	0.00117	0.0777	2.56	0.00525	17.9	0.00825	0.000736	0.336	3.74	0.00212	0.000202	0.000364	0.000173	0.337	0.0154	0.000165	2.22E-06	0.00129	0.000466	0.000914	0.000755	0.00417	0.0121
2067-05-01	41	0.00108	0.0807	2.66	0.00543	16.2	0.00828	0.000671	0.35	3.89	0.00188	0.000188	0.000358	0.000157	0.35	0.0139	0.000154	2.20E-06	0.00115	0.000464	0.000922	0.00078	0.00384	0.0107
2067-06-01	41	0.000979	0.0838	2.77	0.00562	14.5	0.00832	0.000603	0.364	4.05	0.00163	0.000173	0.000353	0.00014	0.364	0.0125	0.000142	2.18E-06	0.00101	0.000463	0.00093	0.000806	0.0035	0.00925
2067-07-01	41	0.000943	0.0858	2.84	0.00575	13.8	0.00841	0.000578	0.373	4.16	0.00153	0.000167	0.000354	0.000133	0.373	0.0119	0.000137	2.19E-06	0.000952	0.000466	0.000942	0.000824	0.00337	0.00867
2067-08-01	41	0.00093	0.0873	2.89	0.00585	13.6	0.0085	0.000568	0.379	4.23	0.00149	0.000166	0.000356	0.000131	0.379	0.0117	0.000136	2.20E-06	0.000929	0.00047	0.000952	0.000838	0.00333	0.00843
2067-09-01	41	0.000929	0.0884	2.93	0.00592	13.5	0.00858	0.000567	0.384	4.29	0.00147	0.000166	0.000359	0.00013	0.384	0.0117	0.000136	2.22E-06	0.000923	0.000474	0.000961	0.000847	0.00332	0.00836
2067-10-01	41	0.000916	0.0882	2.92	0.0059	13.3	0.00854	0.000559	0.383	4.28	0.00145	0.000164	0.000357	0.000128	0.383	0.0115	0.000134	2.21E-06	0.000907	0.000472	0.000957	0.000845	0.00328	0.0082
2067-11-01	41	0.000904	0.0876	2.91	0.00586	13.1	0.00847	0.000551	0.38	4.26	0.00142	0.000162	0.000354	0.000126	0.381	0.0113	0.000133	2.19E-06	0.000893	0.00				

Date		Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III
			mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Pond 1 Statistics (Year 1 to Year 30)																						
Minimum			8.28	4.09	0.292	0.00013	0.0184	0.00013	0.0231	0.000461	0.00000492	0.0245	0.000000192	0.00104	0.0197	0.00000269	0.000557	0.00000515	15.5	0.00000247	0.000031	0.0000964
P10			25.3	12.7	0.795	0.000336	0.0475	0.00782	0.0247	0.000493	0.00000512	0.0288	0.000000206	0.0031	0.0209	0.00000288	0.00136	0.00000803	22.4	0.0000115	0.000123	0.000277
Median			102	50.5	3.43	0.095	13.4	0.101	0.0257	0.000514	0.00000529	0.0298	0.000000214	0.0114	0.0336	0.000003	0.00309	0.0000083	43.5	0.0000343	0.000407	0.000287
P90			201	99.6	6.89	0.208	29.5	0.214	0.0267	0.000535	0.00000549	0.0311	0.000000223	0.0227	0.0579	0.00000312	0.00656	0.00000878	68.5	0.0000641	0.000776	0.000305
Maximum			220	109	7.55	0.229	32.3	0.235	0.0309	0.000618	0.00000561	0.0321	0.000000258	0.0249	0.07	0.00000361	0.00788	0.00000914	74.2	0.00007	0.000851	0.000338
Monthly Results																						
2027-01-01	1		8.28	4.09	0.292	0.00013	0.0184	0.00013	0.0309	6.18E-04	5.15E-06	2.45E-02	2.58E-07	0.00104	0.0228	0.00000361	5.57E-04	5.15E-06	1.87E+01	2.47E-06	3.10E-05	9.64E-05
2027-02-01	1		8.46	4.19	0.298	0.000134	0.0189	0.000328	0.0307	6.15E-04	5.16E-06	2.46E-02	2.56E-07	0.00106	0.0233	0.00000359	5.69E-04	5.25E-06	1.86E+01	2.65E-06	3.26E-05	0.000102
2027-03-01	1		8.75	4.34	0.308	0.00014	0.0197	0.000641	0.0305	6.09E-04	5.16E-06	2.49E-02	2.54E-07	0.0011	0.0241	0.00000356	5.90E-04	5.42E-06	1.85E+01	2.94E-06	3.53E-05	0.000112
2027-04-01	1		9.98	5	0.351	0.000164	0.0232	0.00201	0.0292	5.84E-04	5.18E-06	2.59E-02	2.44E-07	0.00127	0.0277	0.00000341	6.77E-04	6.11E-06	1.81E+01	4.19E-06	4.67E-05	0.000154
2027-05-01	1		13.2	6.75	0.462	0.00023	0.0325	0.0058	0.0252	5.04E-04	5.13E-06	2.83E-02	2.10E-07	0.00172	0.0371	0.00000294	9.08E-04	7.93E-06	1.64E+01	7.60E-06	7.78E-05	0.000269
2027-06-01	1		14.7	7.51	0.51	0.000258	0.0365	0.00743	0.0235	4.70E-04	5.12E-06	2.94E-02	1.96E-07	0.00191	0.0412	0.00000274	1.01E-03	8.73E-06	1.57E+01	9.08E-06	9.12E-05	0.000319
2027-07-01	1		15	7.7	0.523	0.000265	0.0375	0.00776	0.0234	4.69E-04	5.17E-06	2.99E-02	1.95E-07	0.00196	0.0423	0.00000273	1.03E-03	8.94E-06	1.57E+01	9.40E-06	9.43E-05	0.00033
2027-08-01	1		15.2	7.8	0.529	0.000269	0.038	0.00789	0.0236	4.72E-04	5.21E-06	3.02E-02	1.97E-07	0.00199	0.0428	0.00000275	1.05E-03	9.04E-06	1.58E+01	9.53E-06	9.56E-05	0.000334
2027-09-01	1		15.4	7.87	0.534	0.000271	0.0383	0.00797	0.0238	4.76E-04	5.26E-06	3.04E-02	1.98E-07	0.002	0.0432	0.00000278	1.06E-03	9.13E-06	1.60E+01	9.63E-06	9.65E-05	0.000338
2027-10-01	1		15.2	7.77	0.527	0.000268	0.0379	0.00787	0.0235	4.70E-04	5.19E-06	3.01E-02	1.96E-07	0.00198	0.0427	0.00000274	1.04E-03	9.02E-06	1.58E+01	9.51E-06	9.53E-05	0.000334
2027-11-01	1		15	7.69	0.521	0.000265	0.0374	0.00778	0.0232	4.64E-04	5.13E-06	2.97E-02	1.93E-07	0.00196	0.0422	0.00000271	1.03E-03	8.91E-06	1.56E+01	9.40E-06	9.43E-05	0.00033
2027-12-01	1		14.9	7.64	0.518	0.000263	0.0372	0.00774	0.0231	4.61E-04	5.10E-06	2.95E-02	1.92E-07	0.00195	0.0419	0.00000269	1.03E-03	8.86E-06	1.55E+01	9.35E-06	9.37E-05	0.000328
2028-01-01	2		14.9	7.64	0.518	0.000263	0.0372	0.00774	0.0231	4.61E-04	5.10E-06	2.95E-02	1.92E-07	0.00195	0.0419	0.00000269	1.03E-03	8.86E-06	1.55E+01	9.34E-06	9.37E-05	0.000328
2028-02-01	2		15.1	7.74	0.525	0.000265	0.0374	0.00774	0.0231	4.62E-04	5.10E-06	2.96E-02	1.92E-07	0.00197	0.0423	0.00000269	1.04E-03	8.87E-06	1.56E+01	9.41E-06	9.45E-05	0.000328
2028-03-01	2		15.4	7.91	0.536	0.000268	0.0378	0.00776	0.0231	4.63E-04	5.11E-06	2.96E-02	1.93E-07	0.00202	0.0429	0.0000027	1.07E-03	8.88E-06	1.57E+01	9.52E-06	9.58E-05	0.000329
2028-04-01	2		16.9	8.61	0.582	0.00028	0.0395	0.00781	0.0233	4.65E-04	5.14E-06	2.98E-02	1.94E-07	0.0022	0.0455	0.00000271	1.18E-03	8.93E-06	1.64E+01	9.97E-06	0.000101	0.00033
2028-05-01	2		20.5	10.4	0.699	0.000307	0.0434	0.00781	0.0232	4.63E-04	5.12E-06	2.97E-02	1.93E-07	0.00268	0.0519	0.0000027	1.48E-03	8.90E-06	1.79E+01	1.10E-05	0.000115	0.000329
2028-06-01	2		22.1	11.2	0.751	0.00032	0.0452	0.00782	0.0231	4.63E-04	5.12E-06	2.97E-02	1.93E-07	0.00289	0.0547	0.0000027	1.60E-03	8.89E-06	1.85E+01	1.15E-05	0.000121	0.000329
2028-07-01	2		22.6	11.4	0.766	0.000325	0.0459	0.00789	0.0234	4.67E-04	5.17E-06	3.00E-02	1.95E-07	0.00295	0.0557	0.00000273	1.64E-03	8.97E-06	1.88E+01	1.17E-05	0.000123	0.000332
2028-08-01	2		22.8	11.6	0.775	0.000328	0.0463	0.00797	0.0236	4.71E-04	5.21E-06	3.02E-02	1.96E-07	0.00298	0.0563	0.00000275	1.66E-03	9.05E-06	1.90E+01	1.18E-05	0.000124	0.000335
2028-09-01	2		23	11.7	0.782	0.000331	0.0468	0.00804	0.0238	4.76E-04	5.26E-06	3.05E-02	1.98E-07	0.00301	0.0568	0.00000277	1.67E-03	9.14E-06	1.92E+01	1.19E-05	0.000125	0.000338
2028-10-01	2		22.7	11.5	0.772	0.000327	0.0462	0.00794	0.0235	4.70E-04	5.19E-06	3.01E-02	1.96E-07	0.00297	0.0561	0.00000274	1.65E-03	9.02E-06	1.89E+01	1.18E-05	0.000124	0.000334
2028-11-01	2		22.5	11.4	0.763	0.000323																

Pond 1																					
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L
2031-06-01	5	25	12.5	0.799	0.00456	0.644	0.00931	0.0247	4.94E-04	4.92E-06	2.68E-02	2.06E-07	0.0031	0.0438	0.00000288	1.35E-03	7.31E-06	2.45E+01	1.06E-05	0.000116	0.00024
2031-07-01	5	25.5	12.8	0.815	0.00471	0.665	0.00957	0.0253	5.05E-04	5.03E-06	2.74E-02	2.11E-07	0.00316	0.0446	0.00000295	1.37E-03	7.48E-06	2.50E+01	1.08E-05	0.000119	0.000246
2031-08-01	5	26	13	0.829	0.0048	0.678	0.00975	0.0257	5.14E-04	5.12E-06	2.79E-02	2.14E-07	0.00321	0.0454	0.000003	1.39E-03	7.60E-06	2.54E+01	1.10E-05	0.000121	0.00025
2031-09-01	5	26.7	13.4	0.854	0.00495	0.7	0.01	0.0265	5.30E-04	5.27E-06	2.87E-02	2.21E-07	0.00331	0.0467	0.00000309	1.44E-03	7.84E-06	2.62E+01	1.13E-05	0.000125	0.000257
2031-10-01	5	27.1	13.6	0.864	0.00501	0.708	0.0102	0.0268	5.36E-04	5.33E-06	2.91E-02	2.23E-07	0.00335	0.0473	0.00000313	1.45E-03	7.93E-06	2.65E+01	1.15E-05	0.000126	0.00026
2031-11-01	5	26.1	13.1	0.834	0.00485	0.685	0.00983	0.0259	5.18E-04	5.15E-06	2.81E-02	2.16E-07	0.00324	0.0457	0.00000302	1.40E-03	7.66E-06	2.56E+01	1.11E-05	0.000122	0.000252
2031-12-01	5	25.9	13	0.827	0.0048	0.678	0.00974	0.0257	5.13E-04	5.11E-06	2.78E-02	2.14E-07	0.00321	0.0453	0.00000299	1.39E-03	7.59E-06	2.54E+01	1.10E-05	0.000121	0.000249
2032-01-01	6	25.9	13	0.826	0.0048	0.678	0.00973	0.0256	5.13E-04	5.10E-06	2.78E-02	2.14E-07	0.0032	0.0452	0.00000299	1.39E-03	7.58E-06	2.54E+01	1.10E-05	0.000121	0.000249
2032-02-01	6	25.9	13	0.824	0.00525	0.741	0.0103	0.0257	5.13E-04	5.12E-06	2.80E-02	2.14E-07	0.0032	0.0449	0.00000299	1.38E-03	7.64E-06	2.54E+01	1.10E-05	0.000121	0.000252
2032-03-01	6	25.8	12.9	0.822	0.00591	0.835	0.011	0.0257	5.14E-04	5.14E-06	2.82E-02	2.14E-07	0.00319	0.0445	0.000003	1.36E-03	7.72E-06	2.56E+01	1.11E-05	0.000121	0.000256
2032-04-01	6	25.7	12.9	0.812	0.00817	1.15	0.0137	0.0258	5.16E-04	5.22E-06	2.88E-02	2.15E-07	0.00316	0.043	0.00000301	1.30E-03	8.00E-06	2.60E+01	1.13E-05	0.000122	0.000269
2032-05-01	6	24.3	12.2	0.765	0.0102	1.44	0.0159	0.0247	4.94E-04	5.07E-06	2.82E-02	2.06E-07	0.00299	0.0395	0.00000288	1.18E-03	7.92E-06	2.52E+01	1.10E-05	0.000118	0.000271
2032-06-01	6	24.7	12.4	0.777	0.0107	1.51	0.0165	0.0251	5.03E-04	5.17E-06	2.88E-02	2.10E-07	0.00303	0.04	0.00000293	1.19E-03	8.10E-06	2.57E+01	1.12E-05	0.00012	0.000278
2032-07-01	6	25	12.6	0.786	0.0108	1.53	0.0167	0.0254	5.08E-04	5.23E-06	2.91E-02	2.12E-07	0.00307	0.0404	0.00000297	1.20E-03	8.19E-06	2.60E+01	1.13E-05	0.000122	0.000281
2032-08-01	6	25.2	12.7	0.791	0.0109	1.55	0.0169	0.0256	5.12E-04	5.27E-06	2.93E-02	2.13E-07	0.00309	0.0407	0.00000299	1.21E-03	8.26E-06	2.62E+01	1.14E-05	0.000123	0.000283
2032-09-01	6	25.3	12.7	0.795	0.011	1.55	0.017	0.0257	5.14E-04	5.29E-06	2.94E-02	2.14E-07	0.0031	0.0408	0.000003	1.21E-03	8.29E-06	2.63E+01	1.15E-05	0.000123	0.000285
2032-10-01	6	25.3	12.7	0.795	0.011	1.56	0.017	0.0257	5.15E-04	5.29E-06	2.95E-02	2.14E-07	0.0031	0.0409	0.000003	1.21E-03	8.30E-06	2.63E+01	1.15E-05	0.000123	0.000285
2032-11-01	6	25.3	12.7	0.794	0.011	1.55	0.017	0.0257	5.14E-04	5.29E-06	2.94E-02	2.14E-07	0.0031	0.0408	0.000003	1.21E-03	8.29E-06	2.63E+01	1.15E-05	0.000123	0.000285
2032-12-01	6	25.3	12.7	0.794	0.011	1.55	0.017	0.0257	5.14E-04	5.29E-06	2.94E-02	2.14E-07	0.0031	0.0408	0.000003	1.21E-03	8.29E-06	2.63E+01	1.15E-05	0.000123	0.000285
2033-01-01	7	25.3	12.7	0.795	0.011	1.56	0.017	0.0257	5.15E-04	5.29E-06	2.95E-02	2.14E-07	0.0031	0.0408	0.000003	1.21E-03	8.30E-06	2.63E+01	1.15E-05	0.000123	0.000285
2033-02-01	7	25.5	12.8	0.802	0.0112	1.58	0.0172	0.0258	5.17E-04	5.31E-06	2.96E-02	2.15E-07	0.00313	0.0412	0.00000301	1.22E-03	8.33E-06	2.65E+01	1.16E-05	0.000124	0.000286
2033-03-01	7	26.7	13.4	0.839	0.0119	1.69	0.0181	0.0267	5.33E-04	5.48E-06	3.05E-02	2.22E-07	0.00327	0.0431	0.00000311	1.26E-03	8.60E-06	2.74E+01	1.20E-05	0.000129	0.000295
2033-04-01	7	30.4	15.3	0.958	0.0157	2.22	0.022	0.0271	5.42E-04	5.57E-06	3.10E-02	2.26E-07	0.00368	0.0494	0.00000316	1.34E-03	8.73E-06	2.90E+01	1.32E-05	0.000143	0.0003
2033-05-01	7	32.2	16.1	1.02	0.0191	2.7	0.0249	0.0249	4.97E-04	5.12E-06	2.85E-02	2.07E-07	0.00386	0.0526	0.0000029	1.31E-03	8.02E-06	2.81E+01	1.34E-05	0.000147	0.000276
2033-06-01	7	33.2	16.6	1.05	0.02	2.82	0.0258	0.0252	5.03E-04	5.18E-06	2.89E-02	2.10E-07	0.00397	0.0542	0.00000294	1.33E-03	8.12E-06	2.87E+01	1.37E-05	0.000151	0.000279
2033-07-01	7	33.6	16.8	1.06	0.0203	2.86	0.0262	0.0254	5.09E-04	5.23E-06	2.92E-02	2.12E-07	0.00402	0.0549	0.00000297	1.35E-03	8.20E-06	2.90E+01	1.39E-05	0.000153	0.000282
2033-08-01	7	33.9	17	1.07	0.0204	2.89	0.0264	0.0256	5.12E-04	5.27E-06	2.94E-02	2.13E-07	0.00405	0.0553	0.00000299	1.36E-03	8.26E-06	2.92E+01	1.40E-05	0.000154	0.000284
2033-09-01	7	34	17	1.07	0.0205	2.9	0.0265	0.0257	5.15E-04	5.29E-06	2.95E-02	2.14E-07	0.00407	0.0556	0.000003	1.37E-03	8.30E-06	2.93E+01	1.41E-05	0.000155	0.000285
2033-10-01	7	34.1	17.1	1.08	0.0206	2.9	0.0265	0.0257	5.15E-04	5.29E-06	2.95E-02	2.14E-07	0.00407	0.0556	0.000003	1.37E-03	8.30E-06	2.94E+01	1.41E-05	0.	

Pond 1																					
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L
2036-06-01	10	60.1	30	1.93	0.0493	6.97	0.0552	0.0252	5.04E-04	5.18E-06	2.90E-02	2.10E-07	0.00688	0.0492	0.00000294	1.77E-03	8.12E-06	3.65E+01	2.18E-05	0.00025	0.00028
2036-07-01	10	60.8	30.3	1.95	0.0499	7.05	0.0558	0.0254	5.09E-04	5.23E-06	2.93E-02	2.12E-07	0.00696	0.0497	0.00000297	1.79E-03	8.21E-06	3.69E+01	2.21E-05	0.000253	0.000283
2036-08-01	10	61.3	30.5	1.97	0.0503	7.11	0.0563	0.0256	5.12E-04	5.27E-06	2.95E-02	2.14E-07	0.00701	0.05	0.00000299	1.80E-03	8.26E-06	3.72E+01	2.22E-05	0.000255	0.000285
2036-09-01	10	61.5	30.7	1.98	0.0505	7.14	0.0565	0.0257	5.15E-04	5.29E-06	2.97E-02	2.14E-07	0.00704	0.0502	0.000003	1.81E-03	8.30E-06	3.73E+01	2.23E-05	0.000256	0.000286
2036-10-01	10	61.6	30.7	1.98	0.0506	7.14	0.0565	0.0257	5.15E-04	5.29E-06	2.97E-02	2.15E-07	0.00705	0.0502	0.000003	1.81E-03	8.30E-06	3.73E+01	2.23E-05	0.000256	0.000286
2036-11-01	10	61.5	30.6	1.97	0.0505	7.14	0.0565	0.0257	5.14E-04	5.29E-06	2.96E-02	2.14E-07	0.00704	0.0501	0.000003	1.81E-03	8.29E-06	3.73E+01	2.23E-05	0.000256	0.000286
2036-12-01	10	61.5	30.6	1.97	0.0505	7.13	0.0565	0.0257	5.14E-04	5.29E-06	2.96E-02	2.14E-07	0.00704	0.0501	0.000003	1.80E-03	8.29E-06	3.73E+01	2.23E-05	0.000256	0.000285
2037-01-01	11	61.5	30.6	1.97	0.0505	7.14	0.0565	0.0257	5.14E-04	5.29E-06	2.96E-02	2.14E-07	0.00704	0.0501	0.000003	1.81E-03	8.29E-06	3.73E+01	2.23E-05	0.000256	0.000286
2037-02-01	11	62.1	30.9	1.99	0.051	7.21	0.0571	0.0259	5.18E-04	5.33E-06	2.99E-02	2.16E-07	0.00711	0.0505	0.00000302	1.82E-03	8.36E-06	3.76E+01	2.25E-05	0.000258	0.000288
2037-03-01	11	64.3	32	2.07	0.0529	7.48	0.0592	0.0267	5.35E-04	5.50E-06	3.08E-02	2.23E-07	0.00736	0.0519	0.00000312	1.89E-03	8.62E-06	3.88E+01	2.33E-05	0.000267	0.000297
2037-04-01	11	68	33.9	2.21	0.0567	8.01	0.063	0.0271	5.43E-04	5.58E-06	3.13E-02	2.26E-07	0.00776	0.0511	0.00000317	2.01E-03	8.75E-06	3.93E+01	2.45E-05	0.000282	0.000302
2037-05-01	11	65.9	32.8	2.16	0.0559	7.89	0.0616	0.0249	4.98E-04	5.12E-06	2.87E-02	2.07E-07	0.0075	0.0447	0.0000029	1.96E-03	8.03E-06	3.60E+01	2.35E-05	0.000272	0.000277
2037-06-01	11	67.1	33.4	2.21	0.057	8.06	0.0629	0.0252	5.04E-04	5.18E-06	2.91E-02	2.10E-07	0.00764	0.0449	0.00000294	2.00E-03	8.12E-06	3.64E+01	2.39E-05	0.000277	0.00028
2037-07-01	11	67.9	33.8	2.23	0.0577	8.15	0.0636	0.0254	5.09E-04	5.23E-06	2.94E-02	2.12E-07	0.00772	0.0454	0.00000297	2.02E-03	8.20E-06	3.68E+01	2.42E-05	0.00028	0.000283
2037-08-01	11	68.4	34	2.25	0.0581	8.21	0.0641	0.0256	5.12E-04	5.27E-06	2.96E-02	2.13E-07	0.00778	0.0457	0.00000299	2.04E-03	8.26E-06	3.70E+01	2.44E-05	0.000282	0.000285
2037-09-01	11	68.7	34.2	2.26	0.0584	8.25	0.0644	0.0257	5.15E-04	5.29E-06	2.97E-02	2.14E-07	0.00782	0.0459	0.000003	2.05E-03	8.30E-06	3.72E+01	2.45E-05	0.000283	0.000286
2037-10-01	11	68.7	34.2	2.26	0.0584	8.25	0.0644	0.0257	5.15E-04	5.29E-06	2.97E-02	2.14E-07	0.00782	0.0459	0.000003	2.05E-03	8.30E-06	3.72E+01	2.45E-05	0.000283	0.000286
2037-11-01	11	68.7	34.2	2.26	0.0584	8.25	0.0643	0.0257	5.14E-04	5.29E-06	2.97E-02	2.14E-07	0.00781	0.0458	0.000003	2.05E-03	8.29E-06	3.71E+01	2.44E-05	0.000283	0.000286
2037-12-01	11	68.6	34.2	2.26	0.0583	8.24	0.0643	0.0257	5.14E-04	5.29E-06	2.97E-02	2.14E-07	0.00781	0.0458	0.000003	2.05E-03	8.29E-06	3.71E+01	2.44E-05	0.000283	0.000286
2038-01-01	12	68.7	34.2	2.26	0.0584	8.25	0.0643	0.0257	5.14E-04	5.29E-06	2.97E-02	2.14E-07	0.00781	0.0458	0.000003	2.05E-03	8.29E-06	3.71E+01	2.45E-05	0.000283	0.000286
2038-02-01	12	69.3	34.5	2.28	0.0589	8.32	0.0649	0.0259	5.18E-04	5.33E-06	2.99E-02	2.16E-07	0.00788	0.0461	0.00000302	2.06E-03	8.35E-06	3.74E+01	2.47E-05	0.000285	0.000288
2038-03-01	12	71.8	35.7	2.36	0.0611	8.63	0.0673	0.0267	5.34E-04	5.49E-06	3.08E-02	2.23E-07	0.00816	0.0474	0.00000312	2.13E-03	8.61E-06	3.86E+01	2.55E-05	0.000296	0.000297
2038-04-01	12	75.9	37.8	2.52	0.0654	9.25	0.0717	0.0271	5.43E-04	5.58E-06	3.13E-02	2.26E-07	0.00859	0.0467	0.00000317	2.23E-03	8.75E-06	3.92E+01	2.68E-05	0.000312	0.000302
2038-05-01	12	73.6	36.6	2.47	0.0644	9.11	0.0702	0.0249	4.98E-04	5.12E-06	2.88E-02	2.08E-07	0.00828	0.0409	0.00000291	2.12E-03	8.03E-06	3.60E+01	2.58E-05	0.000301	0.000277
2038-06-01	12	75	37.3	2.52	0.0658	9.3	0.0717	0.0252	5.04E-04	5.18E-06	2.91E-02	2.10E-07	0.00844	0.0411	0.00000294	2.16E-03	8.13E-06	3.64E+01	2.63E-05	0.000307	0.00028
2038-07-01	12	75.8	37.7	2.55	0.0665	9.4	0.0725	0.0254	5.09E-04	5.23E-06	2.94E-02	2.12E-07	0.00853	0.0415	0.00000297	2.18E-03	8.21E-06	3.68E+01	2.66E-05	0.00031	0.000283
2038-08-01	12	76.4	38	2.57	0.067	9.47	0.073	0.0256	5.12E-04	5.27E-06	2.96E-02	2.14E-07	0.00859	0.0418	0.00000299	2.20E-03	8.26E-06	3.70E+01	2.68E-05	0.000312	0.000285
2038-09-01	12	76.7	38.2	2.58	0.0673	9.51	0.0733	0.0257	5.15E-04	5.29E-06	2.97E-02	2.14E-07	0.00863	0.042	0.000003	2.21E-03	8.30E-06	3.72E+01	2.69E-05	0.000314	0.000286
2038-10-01	12	76.8	38.2	2.58	0.0674	9.52	0.0734	0.0257	5.15E-04	5.29E-06	2.98E-02	2.15E-07	0.00863	0.042	0.000003	2.21E-03	8.30E-06	3.72E+01	2.69E-05	0.000314	0.000286
2038-11-01	12	76.7	38.2	2.58	0.0673	9.51	0.0733	0.0257	5.14E-04	5.29E-06	2.97E-02	2.14E-07	0.00862	0.0419	0.000003	2.21E-03	8.29E-06	3.72E+01	2.69E-05	0.000314	0.000286
2038-12-01	12	76.6	38.1	2.58	0.0673	9.5	0.0732	0.0257	5.14E-04	5.28E-06	2.97E-02	2.14E-07	0.00862	0.0419	0.000003	2.21E-03	8.29E-06	3.71E+01	2.68E-05	0.000313	0.000286
2039-01-01	13	76.7	38.2	2.58	0.0673	9.51	0.0733	0.0257	5.14E-04	5.29E-06	2.97E-02	2.14E-07	0.00862	0.0419	0.000003	2.21E-03	8.29E-06	3.72E+01	2.69E-05	0.000314	0.000286
2039-02-01	13	77.3	38.5	2.6	0.0679	9.59	0.0739	0.0259	5.18E-04	5.33E-06	2.99E-02	2.16E-07	0.00869	0.0422	0.00000302	2.23E-03	8.35E-06	3.74E+01	2.71E-05	0.000316	0.000288
2039-03-01	13	80.1	39.8	2.69	0.0704	9.94	0.0766	0.0267	5.34E-04	5.49E-06	3.09E-02	2.22E-07	0.009	0.0433	0.00000311	2.30E-03	8.61E-06	3.87E+01	2.80E-05	0.000327	0.000297
2039-04-01	13	84.6	42.1	2.85	0.0751	10.6	0.0814	0.0271	5.43E-04	5.58E-06	3.14E-02	2.26E-07	0.00949	0.0428	0.00000317	2.43E-03	8.75E-06	4.02E+01	2.94E-05	0.000345	0.000302
2039-05-01	13	81.8	40.7	2.75	0.0735	10.4	0.0793	0.0249	4.98E-04	5.12E-06	2.88E-02	2.08E-07	0.00915	0.0377	0.00000291	2.34E-03	8.04E-06	3.79E+01	2.83E-05	0.000332	0.000277
2039-06-01	13	83.3	41.4	2.8	0.075	10.6	0.0809	0.0252	5.04E-04	5.18E-06	2.92E-02	2.10E-07	0.00932	0.0379	0.00000294	2.38E-03	8.13E-06	3.85E+01	2.88E-05	0.000338	0.00028
2039-07-01	13	84.2	41.9	2.83	0.0758	10.7	0.0817	0.0254	5.09E-04	5.23E-06	2.95E-02	2.12E-07	0.00942	0.0382	0.00000297	2.40E-03	8.21E-06	3.89E+01	2.91E-05	0.000341	0.000283
2039-08-01	13	84.8	42.2	2.85	0.0764	10.8	0.0824	0.0256	5.13E-04	5.27E-06	2.97E-02	2.14E-07	0.00949	0.0385	0.00000299	2.42E-03	8.27E-06	3.92E+01	2.93E-05	0.000344	0.000285
2039-09-01	13	85.2	42.4	2.87	0.0767	10.8	0.0827	0.0257	5.15E-04	5.29E-06	2.98E-02	2.14E-07	0.00953	0.0386	0.000003	2.43E-03	8.30E-06	3.93E+01	2.94E-05	0.000345	0.000286
2039-10-01	13	85.2	42.4	2.87	0.0768	10.8	0.0828	0.0257	5.15E-04	5.30E-06	2.98E-02	2.15E-07	0.00953	0.0387	0.000003	2.43E-03	8.30E-06	3.94E+01	2.94E-05	0.000346	0.000286
2039-11-01	13	85.1	42.3	2.87	0.0767	10.8	0.0827	0.0257	5.14E-04	5.29E-06	2.98E-02	2.14E-07	0.00952	0.0386	0.000003	2.43E-03	8.29E-06	3.93E+01	2.94E-05	0.000345	0.000286
2039-12-01	13	85.1	42.3	2.86	0.0767	10.8	0.0826	0.0257	5.14E-04	5.29E-06	2.98E-02	2.14E-07	0.00952	0.0386	0.000003	2.43E-03	8.29E-06	3.93E+01	2.94E-05	0.000345	0.000286
2040-01-01	14	85.1	42.3	2.87	0.0767	10.8	0.0827	0.0257	5.14E-04	5.29E-06	2.98E-02	2.14E-07	0.00952	0.0386	0.000003	2.43E-03	8.29E-06	3.93E+01	2.94E-05	0.000345	0.000286
2040-02-01	14	85.8	42.7	2.89	0.0773	10.9	0.0834	0.0259	5.18E-04	5.33E-06	3.00E-02	2.16E-07	0.0096	0.0388	0.00000302	2.45E-03	8.35E-06	3.96E+01	2.96E-05	0.000348	0.000288
2040-03-01	14	89.2	44.4	3	0.0805	11.4	0.086														

Pond 1																					
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L
2041-06-01	15	99.6	49.5	3.35	0.0933	13.2	0.0992	0.0252	5.04E-04	5.18E-06	2.92E-02	2.10E-07	0.0112	0.033	0.00000294	0.00303	0.00000813	4.27E+01	3.36E-05	0.000399	0.000281
2041-07-01	15	101	50	3.39	0.0943	13.3	0.1	0.0254	5.09E-04	5.23E-06	2.95E-02	2.12E-07	0.0113	0.0333	0.00000297	0.00307	0.00000821	4.32E+01	3.40E-05	0.000403	0.000283
2041-08-01	15	101	50.4	3.42	0.095	13.4	0.101	0.0256	5.13E-04	5.27E-06	2.97E-02	2.14E-07	0.0114	0.0335	0.00000299	0.00309	0.00000827	4.35E+01	3.42E-05	0.000406	0.000285
2041-09-01	15	102	50.6	3.43	0.0954	13.5	0.101	0.0257	5.15E-04	5.29E-06	2.99E-02	2.14E-07	0.0114	0.0336	0.000003	0.00311	0.0000083	4.37E+01	3.44E-05	0.000408	0.000287
2041-10-01	15	102	50.6	3.43	0.0955	13.5	0.101	0.0257	5.15E-04	5.30E-06	2.99E-02	2.15E-07	0.0114	0.0337	0.000003	0.00311	0.0000083	4.37E+01	3.44E-05	0.000408	0.000287
2041-11-01	15	102	50.6	3.43	0.0954	13.5	0.101	0.0257	5.14E-04	5.29E-06	2.98E-02	2.14E-07	0.0114	0.0336	0.000003	0.0031	0.00000829	4.36E+01	3.44E-05	0.000407	0.000286
2041-12-01	15	102	50.5	3.43	0.0953	13.5	0.101	0.0257	5.14E-04	5.29E-06	2.98E-02	2.14E-07	0.0114	0.0336	0.000003	0.0031	0.00000829	4.36E+01	3.43E-05	0.000407	0.000286
2042-01-01	16	102	50.6	3.43	0.0955	13.5	0.101	0.0257	5.15E-04	5.29E-06	2.99E-02	2.14E-07	0.0114	0.0336	0.000003	0.00311	0.0000083	4.37E+01	3.44E-05	0.000408	0.000287
2042-02-01	16	102	50.7	3.44	0.0957	13.5	0.102	0.0258	5.16E-04	5.30E-06	2.99E-02	2.15E-07	0.0114	0.0337	0.00000301	0.00311	0.00000831	4.38E+01	3.45E-05	0.000409	0.000287
2042-03-01	16	106	52.5	3.56	0.0991	14	0.105	0.0266	5.32E-04	5.47E-06	3.08E-02	2.21E-07	0.0118	0.0346	0.0000031	0.00322	0.00000857	4.52E+01	3.56E-05	0.000423	0.000296
2042-04-01	16	110	54.9	3.73	0.104	14.7	0.11	0.0271	5.41E-04	5.57E-06	3.14E-02	2.26E-07	0.0123	0.0346	0.00000316	0.00336	0.00000873	4.64E+01	3.71E-05	0.000441	0.000301
2042-05-01	16	105	52.3	3.57	0.1	14.1	0.106	0.0249	4.98E-04	5.12E-06	2.89E-02	2.07E-07	0.0117	0.031	0.0000029	0.00321	0.00000803	4.33E+01	3.53E-05	0.00042	0.000277
2042-06-01	16	107	53.2	3.63	0.102	14.4	0.108	0.0252	5.04E-04	5.18E-06	2.93E-02	2.10E-07	0.0119	0.0312	0.00000294	0.00326	0.00000812	4.39E+01	3.59E-05	0.000427	0.000281
2042-07-01	16	108	53.7	3.67	0.103	14.5	0.109	0.0254	5.09E-04	5.23E-06	2.96E-02	2.12E-07	0.0121	0.0315	0.00000297	0.00329	0.00000821	4.43E+01	3.62E-05	0.000432	0.000283
2042-08-01	16	109	54.1	3.7	0.104	14.6	0.11	0.0256	5.12E-04	5.27E-06	2.98E-02	2.14E-07	0.0121	0.0317	0.00000299	0.00332	0.00000826	4.46E+01	3.65E-05	0.000435	0.000285
2042-09-01	16	109	54.4	3.71	0.104	14.7	0.11	0.0257	5.15E-04	5.29E-06	2.99E-02	2.14E-07	0.0122	0.0319	0.000003	0.00333	0.0000083	4.48E+01	3.67E-05	0.000437	0.000287
2042-10-01	16	109	54.4	3.71	0.104	14.7	0.11	0.0257	5.15E-04	5.30E-06	2.99E-02	2.15E-07	0.0122	0.0319	0.000003	0.00333	0.0000083	4.49E+01	3.67E-05	0.000437	0.000287
2042-11-01	16	109	54.3	3.71	0.104	14.7	0.11	0.0257	5.14E-04	5.29E-06	2.99E-02	2.14E-07	0.0122	0.0318	0.000003	0.00333	0.00000829	4.48E+01	3.66E-05	0.000436	0.000286
2042-12-01	16	109	54.3	3.71	0.104	14.7	0.11	0.0257	5.14E-04	5.29E-06	2.99E-02	2.14E-07	0.0122	0.0318	0.000003	0.00333	0.00000829	4.48E+01	3.66E-05	0.000436	0.000286
2043-01-01	17	109	54.4	3.71	0.104	14.7	0.11	0.0257	5.15E-04	5.29E-06	2.99E-02	2.14E-07	0.0122	0.0319	0.000003	0.00333	0.0000083	4.48E+01	3.67E-05	0.000437	0.000287
2043-02-01	17	110	54.7	3.73	0.105	14.8	0.111	0.0258	5.17E-04	5.31E-06	3.00E-02	2.15E-07	0.0123	0.032	0.00000301	0.00335	0.00000833	4.51E+01	3.69E-05	0.000439	0.000288
2043-03-01	17	114	56.5	3.86	0.108	15.3	0.114	0.0266	5.33E-04	5.48E-06	3.10E-02	2.22E-07	0.0127	0.0329	0.00000311	0.00346	0.00000859	4.65E+01	3.81E-05	0.000454	0.000297
2043-04-01	17	119	59.1	4.04	0.114	16.1	0.12	0.0271	5.42E-04	5.58E-06	3.15E-02	2.26E-07	0.0132	0.0328	0.00000316	0.00359	0.00000874	4.80E+01	3.97E-05	0.000474	0.000302
2043-05-01	17	113	56.3	3.86	0.109	15.4	0.115	0.0249	4.98E-04	5.12E-06	2.90E-02	2.08E-07	0.0126	0.0293	0.00000291	0.00339	0.00000803	4.51E+01	3.77E-05	0.00045	0.000278
2043-06-01	17	115	57.2	3.92	0.111	15.7	0.117	0.0252	5.04E-04	5.18E-06	2.93E-02	2.10E-07	0.0128	0.0296	0.00000294	0.00344	0.00000813	4.57E+01	3.83E-05	0.000458	0.000281
2043-07-01	17	116	57.8	3.97	0.112	15.9	0.118	0.0254	5.09E-04	5.23E-06	2.96E-02	2.12E-07	0.0129	0.0298	0.00000297	0.00347	0.00000821	4.62E+01	3.87E-05	0.000463	0.000284
2043-08-01	17	117	58.3	3.99	0.113	16	0.119	0.0256	5.12E-04	5.27E-06	2.98E-02	2.14E-07	0.013	0.03	0.00000299	0.0035	0.00000826	4.65E+01	3.90E-05	0.000466	0.000286
2043-09-01	17	118	58.5	4.01	0.114	16	0.12	0.0257	5.15E-04	5.29E-06	2.99E-02	2.14E-07	0.0131	0.0302	0.000003	0.00351	0.0000083	4.67E+01	3.92E-05	0.000468	0.000287
2043-10-01	17	118	58.5	4.01	0.114	16.1	0.12	0.0257	5.15E-04	5.30E-06	3.00E-02	2.15E-07	0.0131	0.0302	0.000003	0.00352	0.0000083	4.67E+01	3.92E-05	0.000468	0.000287
2043-11-01	17	118	58.5	4.01	0.114	16	0.119	0.0257	5.14E-04	5.29E-06	2.99E-02	2.14E-07	0.0131	0.0301	0.000003	0.00351	0.00000829	4.67E+01	3.91E-05	0.000468	0.000287
2043-12-01	17	118	58.4	4.01	0.113	16	0.119	0.0257	5.14E-04	5.29E-06	2.99E-02	2.14E-07	0.0131	0.0301	0.000003	0.00351	0.00000829	4.67E+01	3.91E-05	0.000467	0.000286
2044-01-01	18	118	58.5	4.01	0.114	16	0.12	0.0257	5.15E-04	5.29E-06	2.99E-02	2.14E-07	0.0131	0.0302	0.000003	0.00351	0.0000083	4.67E+01	3.92E-05	0.000468	0.000287
2044-02-01	18	118	58.7	4.03	0.114	16.1	0.12	0.0258	5.16E-04	5.31E-06	3.00E-02	2.15E-07	0.0131	0.0302	0.00000301	0.00353	0.00000832	4.69E+01	3.93E-05	0.00047	0.000287
2044-03-01	18	123	61	4.18	0.118	16.7	0.125	0.0267	5.34E-04	5.50E-06	3.11E-02	2.23E-07	0.0136	0.0312	0.00000312	0.00367	0.00000862	4.87E+01	4.08E-05	0.000487	0.000298
2044-04-01	18	127	63.2	4.33	0.123	17.4	0.13	0.027	5.41E-04	5.56E-06	3.15E-02	2.25E-07	0.0142	0.0311	0.00000315	0.00383	0.00000872	5.02E+01	4.22E-05	0.000504	0.000301
2044-05-01	18	121	60.1	4.11	0.118	16.6	0.124	0.0249	4.98E-04	5.12E-06	2.90E-02	2.08E-07	0.0135	0.0279	0.00000291	0.00369	0.00000803	4.75E+01	4.00E-05	0.000479	0.000278
2044-06-01	18	123	61.1	4.17	0.12	16.9	0.126	0.0252	5.04E-04	5.18E-06	2.94E-02	2.10E-07	0.0137	0.0282	0.00000294	0.00376	0.00000813	4.82E+01	4.06E-05	0.000486	0.000281
2044-07-01	18	124	61.7	4.22	0.121	17.1	0.127	0.0255	5.09E-04	5.24E-06	2.96E-02	2.12E-07	0.0139	0.0285	0.00000297	0.0038	0.00000821	4.87E+01	4.11E-05	0.000491	0.000284
2044-08-01	18	125	62.2	4.25	0.122	17.2	0.128	0.0256	5.13E-04	5.27E-06	2.99E-02	2.14E-07	0.014	0.0286	0.00000299	0.00382	0.00000827	4.91E+01	4.14E-05	0.000495	0.000286
2044-09-01	18	126	62.4	4.27	0.123	17.3	0.129	0.0257	5.15E-04	5.29E-06	3.00E-02	2.14E-07	0.014	0.0288	0.000003	0.00384	0.0000083	4.93E+01	4.15E-05	0.000497	0.000287
2044-10-01	18	126	62.4	4.27	0.123	17.3	0.129	0.0257	5.15E-04	5.30E-06	3.00E-02	2.15E-07	0.014	0.0288	0.000003	0.00384	0.0000083	4.93E+01	4.15E-05	0.000497	0.000287
2044-11-01	18	126	62.4	4.26	0.122	17.3	0.128	0.0257	5.14E-04	5.29E-06	3.00E-02	2.14E-07	0.014	0.0287	0.000003	0.00384	0.0000083	4.92E+01	4.15E-05	0.000497	0.000287
2044-12-01	18	126	62.3	4.26	0.122	17.3	0.128	0.0257	5.14E-04	5.29E-06	2.99E-02	2.14E-07	0.014	0.0287	0.000003	0.00384	0.00000829	4.92E+01	4.15E-05	0.000496	0.000287
2045-01-01	19	126	62.4	4.27	0.123	17.3	0.129	0.0257	5.15E-04	5.29E-06	3.00E-02	2.14E-07	0.014	0.0288	0.000003	0.00384	0.0000083	4.93E+01	4.15E-05	0.000497	0.000287
2045-02-01	19	127	63	4.3	0.124	17.5	0.13	0.0259	5.19E-04	5.33E-06	3.02E-02	2.16E-07	0.0141	0.029	0.00000303	0.00388	0.00000837	4.97E+01	4.19E-05	0.000501	0.000289
2045-03-01	19	131	65	4.44	0.128	18	0.134	0.0267	5.34E-04	5.49E-06	3.11E-02	2.23E-07	0.0146	0.0298	0.00000312	0.004	0.00000861	5.13E+01	4.32E-05	0.00051	

Pond 1																					
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L
2046-06-01	20	138	68.7	4.69	0.137	19.4	0.143	0.0252	5.04E-04	5.19E-06	2.94E-02	2.10E-07	0.0155	0.0259	0.00000294	0.00433	0.00000813	5.29E+01	4.53E-05	0.000543	0.000281
2046-07-01	20	140	69.5	4.74	0.139	19.6	0.145	0.0255	5.09E-04	5.24E-06	2.97E-02	2.12E-07	0.0157	0.0261	0.00000297	0.00437	0.00000822	5.35E+01	4.58E-05	0.000549	0.000284
2046-08-01	20	141	70	4.77	0.14	19.8	0.146	0.0256	5.13E-04	5.27E-06	2.99E-02	2.14E-07	0.0158	0.0263	0.00000299	0.0044	0.00000827	5.38E+01	4.61E-05	0.000553	0.000286
2046-09-01	20	142	70.3	4.79	0.141	19.9	0.147	0.0257	5.15E-04	5.30E-06	3.01E-02	2.15E-07	0.0159	0.0264	0.000003	0.00442	0.0000083	5.41E+01	4.63E-05	0.000555	0.000287
2046-10-01	20	142	70.3	4.8	0.141	19.9	0.147	0.0258	5.15E-04	5.30E-06	3.01E-02	2.15E-07	0.0159	0.0264	0.000003	0.00442	0.00000831	5.41E+01	4.63E-05	0.000556	0.000287
2046-11-01	20	141	70.2	4.79	0.14	19.8	0.146	0.0257	5.14E-04	5.29E-06	3.00E-02	2.14E-07	0.0158	0.0264	0.000003	0.00442	0.0000083	5.40E+01	4.62E-05	0.000555	0.000287
2046-12-01	20	141	70.2	4.79	0.14	19.8	0.146	0.0257	5.14E-04	5.29E-06	3.00E-02	2.14E-07	0.0158	0.0264	0.000003	0.00441	0.00000829	5.40E+01	4.62E-05	0.000555	0.000287
2047-01-01	21	141	70.2	4.79	0.141	19.9	0.146	0.0257	5.15E-04	5.29E-06	3.00E-02	2.14E-07	0.0159	0.0264	0.000003	0.00442	0.0000083	5.40E+01	4.63E-05	0.000555	0.000287
2047-02-01	21	143	70.9	4.83	0.142	20	0.148	0.0259	5.19E-04	5.34E-06	3.03E-02	2.16E-07	0.016	0.0266	0.00000303	0.00446	0.00000837	5.45E+01	4.67E-05	0.00056	0.000289
2047-03-01	21	147	73.2	4.99	0.146	20.7	0.153	0.0267	5.35E-04	5.50E-06	3.12E-02	2.23E-07	0.0165	0.0273	0.00000312	0.0046	0.00000862	5.63E+01	4.82E-05	0.000579	0.000298
2047-04-01	21	154	76.2	5.2	0.153	21.6	0.159	0.0272	5.44E-04	5.59E-06	3.18E-02	2.27E-07	0.0172	0.0274	0.00000317	0.00476	0.00000877	5.82E+01	5.01E-05	0.000602	0.000303
2047-05-01	21	145	72.2	4.93	0.146	20.6	0.151	0.0249	4.98E-04	5.13E-06	2.91E-02	2.08E-07	0.0163	0.0245	0.00000291	0.00447	0.00000804	5.45E+01	4.73E-05	0.000569	0.000278
2047-06-01	21	148	73.3	5.01	0.148	20.9	0.154	0.0252	5.04E-04	5.18E-06	2.95E-02	2.10E-07	0.0165	0.0247	0.00000294	0.00453	0.00000813	5.53E+01	4.80E-05	0.000578	0.000281
2047-07-01	21	149	74.1	5.06	0.15	21.1	0.156	0.0255	5.09E-04	5.24E-06	2.98E-02	2.12E-07	0.0167	0.025	0.00000297	0.00458	0.00000821	5.59E+01	4.86E-05	0.000584	0.000284
2047-08-01	21	150	74.6	5.1	0.151	21.3	0.157	0.0256	5.13E-04	5.27E-06	3.00E-02	2.14E-07	0.0168	0.0251	0.00000299	0.00461	0.00000827	5.63E+01	4.89E-05	0.000588	0.000286
2047-09-01	21	151	75	5.12	0.151	21.4	0.157	0.0257	5.15E-04	5.30E-06	3.01E-02	2.15E-07	0.0169	0.0252	0.000003	0.00463	0.0000083	5.65E+01	4.91E-05	0.00059	0.000287
2047-10-01	21	151	75	5.12	0.151	21.4	0.157	0.0257	5.15E-04	5.30E-06	3.01E-02	2.15E-07	0.0169	0.0252	0.000003	0.00464	0.00000831	5.66E+01	4.91E-05	0.000591	0.000287
2047-11-01	21	151	74.9	5.12	0.151	21.4	0.157	0.0257	5.14E-04	5.29E-06	3.01E-02	2.14E-07	0.0169	0.0252	0.000003	0.00463	0.0000083	5.65E+01	4.91E-05	0.00059	0.000287
2047-12-01	21	151	74.9	5.12	0.151	21.4	0.157	0.0257	5.14E-04	5.29E-06	3.00E-02	2.14E-07	0.0169	0.0252	0.000003	0.00463	0.00000829	5.65E+01	4.90E-05	0.00059	0.000287
2048-01-01	22	151	74.9	5.12	0.151	21.4	0.157	0.0257	5.15E-04	5.29E-06	3.01E-02	2.14E-07	0.0169	0.0252	0.000003	0.00463	0.0000083	5.65E+01	4.91E-05	0.00059	0.000287
2048-02-01	22	152	75.6	5.17	0.153	21.6	0.159	0.0259	5.19E-04	5.34E-06	3.03E-02	2.16E-07	0.017	0.0254	0.00000303	0.00467	0.00000837	5.70E+01	4.95E-05	0.000596	0.00029
2048-03-01	22	158	78.5	5.37	0.159	22.4	0.165	0.0269	5.37E-04	5.52E-06	3.14E-02	2.24E-07	0.0177	0.0263	0.00000313	0.00485	0.00000866	5.91E+01	5.14E-05	0.000618	0.0003
2048-04-01	22	164	81.2	5.56	0.164	23.2	0.171	0.0271	5.42E-04	5.58E-06	3.17E-02	2.26E-07	0.0183	0.0261	0.00000316	0.00496	0.00000875	6.04E+01	5.31E-05	0.000639	0.000303
2048-05-01	22	155	77	5.29	0.157	22.1	0.162	0.0249	4.98E-04	5.13E-06	2.92E-02	2.08E-07	0.0173	0.0234	0.00000291	0.00465	0.00000804	5.64E+01	5.02E-05	0.000605	0.000278
2048-06-01	22	158	78.2	5.38	0.159	22.5	0.165	0.0252	5.04E-04	5.18E-06	2.95E-02	2.10E-07	0.0176	0.0236	0.00000294	0.00472	0.00000813	5.72E+01	5.10E-05	0.000615	0.000282
2048-07-01	22	159	79.1	5.44	0.161	22.8	0.167	0.0255	5.09E-04	5.24E-06	2.98E-02	2.12E-07	0.0178	0.0239	0.00000297	0.00477	0.00000822	5.78E+01	5.16E-05	0.000621	0.000285
2048-08-01	22	160	79.6	5.48	0.162	22.9	0.168	0.0256	5.13E-04	5.27E-06	3.00E-02	2.14E-07	0.0179	0.024	0.00000299	0.0048	0.00000827	5.82E+01	5.19E-05	0.000626	0.000286
2048-09-01	22	161	80	5.5	0.163	23	0.169	0.0257	5.15E-04	5.30E-06	3.01E-02	2.15E-07	0.018	0.0241	0.000003	0.00482	0.0000083	5.85E+01	5.22E-05	0.000628	0.000288
2048-10-01	22	161	80	5.5	0.163	23	0.169	0.0258	5.15E-04	5.30E-06	3.01E-02	2.15E-07	0.018	0.0241	0.000003	0.00482	0.00000831	5.85E+01	5.22E-05	0.000628	0.000288
2048-11-01	22	161	79.9	5.5	0.163	23	0.169	0.0257	5.14E-04	5.29E-06	3.01E-02	2.14E-07	0.018	0.0241	0.000003	0.00482	0.0000083	5.84E+01	5.21E-05	0.000628	0.000287
2048-12-01	22	161	79.9	5.49	0.163	23	0.169	0.0257	5.14E-04	5.29E-06	3.01E-02	2.14E-07	0.0179	0.0241	0.000003	0.00481	0.00000829	5.84E+01	5.21E-05	0.000627	0.000287
2049-01-01	23	161	80	5.5	0.163	23	0.169	0.0257	5.15E-04	5.29E-06	3.01E-02	2.14E-07	0.018	0.0241	0.000003	0.00482	0.0000083	5.85E+01	5.21E-05	0.000628	0.000287
2049-02-01	23	163	80.7	5.55	0.164	23.2	0.17	0.0259	5.19E-04	5.34E-06	3.04E-02	2.16E-07	0.0181	0.0243	0.00000303	0.00486	0.00000837	5.90E+01	5.26E-05	0.000634	0.00029
2049-03-01	23	168	83.3	5.73	0.17	24	0.176	0.0267	5.35E-04	5.50E-06	3.13E-02	2.23E-07	0.0187	0.025	0.00000312	0.00501	0.00000862	6.09E+01	5.43E-05	0.000654	0.000299
2049-04-01	23	175	86.6	5.96	0.177	25	0.183	0.0272	5.44E-04	5.59E-06	3.18E-02	2.27E-07	0.0194	0.025	0.00000317	0.00516	0.00000877	6.29E+01	5.64E-05	0.00068	0.000304
2049-05-01	23	165	81.9	5.64	0.168	23.7	0.174	0.0249	4.98E-04	5.13E-06	2.92E-02	2.08E-07	0.0184	0.0225	0.00000291	0.00481	0.00000804	5.90E+01	5.32E-05	0.000642	0.000278
2049-06-01	23	168	83.2	5.73	0.171	24.1	0.177	0.0252	5.04E-04	5.18E-06	2.95E-02	2.10E-07	0.0186	0.0226	0.00000294	0.00487	0.00000813	5.99E+01	5.40E-05	0.000651	0.000282
2049-07-01	23	169	84.1	5.79	0.173	24.4	0.179	0.0255	5.09E-04	5.24E-06	2.98E-02	2.12E-07	0.0189	0.0229	0.00000297	0.00493	0.00000821	6.05E+01	5.46E-05	0.000659	0.000285
2049-08-01	23	171	84.7	5.83	0.174	24.6	0.18	0.0256	5.13E-04	5.27E-06	3.00E-02	2.14E-07	0.019	0.023	0.00000299	0.00496	0.00000827	6.09E+01	5.50E-05	0.000663	0.000287
2049-09-01	23	171	85	5.86	0.175	24.7	0.181	0.0257	5.15E-04	5.30E-06	3.02E-02	2.15E-07	0.0191	0.0231	0.000003	0.00498	0.0000083	6.12E+01	5.52E-05	0.000666	0.000288
2049-10-01	23	171	85.1	5.86	0.175	24.7	0.181	0.0257	5.15E-04	5.30E-06	3.02E-02	2.15E-07	0.0191	0.0231	0.000003	0.00498	0.00000831	6.12E+01	5.52E-05	0.000666	0.000288
2049-11-01	23	171	85	5.85	0.174	24.6	0.18	0.0257	5.14E-04	5.29E-06	3.01E-02	2.14E-07	0.019	0.0231	0.000003	0.00498	0.0000083	6.11E+01	5.52E-05	0.000665	0.000287
2049-12-01	23	171	84.9	5.85	0.174	24.6	0.18	0.0257	5.14E-04	5.29E-06	3.01E-02	2.14E-07	0.019	0.0231	0.000003	0.00497	0.00000829	6.11E+01	5.51E-05	0.000665	0.000287
2050-01-01	24	171	85	5.85	0.175	24.7	0.181	0.0257	5.15E-04	5.29E-06	3.02E-02	2.14E-07	0.0191	0.0231	0.000003	0.00498	0.0000083	6.12E+01	5.52E-05	0.000666	0.000288
2050-02-01	24	173	85.8	5.91	0.176	24.9	0.182	0.0259	5.19E-04	5.34E-06	3.04E-02	2.16E-07	0.0192	0.0233	0.00000303	0.00502	0.00000837	6.17E+01	5.57E-05	0.000672	0.00029
2050-03-01	24	179	88.6	6.1	0.182	25.7	0.188	0.0267	5.35E-04	5.50E-06	3.13E-02	2.23E-07	0.0199	0.024	0.00000312	0.00518	0.00000862	6.37E+01	5.75E-05	0.000694	0.000299
2																					

Pond 1																					
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L
2051-06-01	25	188	93.3	6.45	0.194	27.4	0.2	0.0252	5.04E-04	5.19E-06	2.96E-02	2.10E-07	0.021	0.021	0.00000294	0.00561	0.00000813	6.48E+01	6.01E-05	0.000728	0.000282
2051-07-01	25	190	94.3	6.52	0.196	27.7	0.202	0.0255	5.10E-04	5.24E-06	2.99E-02	2.12E-07	0.0212	0.0212	0.00000297	0.00567	0.00000822	6.56E+01	6.08E-05	0.000736	0.000285
2051-08-01	25	191	95	6.57	0.197	27.9	0.203	0.0257	5.13E-04	5.28E-06	3.01E-02	2.14E-07	0.0213	0.0213	0.00000299	0.00571	0.00000827	6.60E+01	6.12E-05	0.000741	0.000287
2051-09-01	25	192	95.4	6.59	0.198	28	0.204	0.0258	5.15E-04	5.30E-06	3.03E-02	2.15E-07	0.0214	0.0214	0.000003	0.00573	0.00000831	6.63E+01	6.15E-05	0.000744	0.000288
2051-10-01	25	192	95.4	6.59	0.198	28	0.204	0.0258	5.15E-04	5.30E-06	3.03E-02	2.15E-07	0.0214	0.0214	0.00000301	0.00573	0.00000831	6.63E+01	6.15E-05	0.000744	0.000288
2051-11-01	25	192	95.3	6.59	0.198	28	0.204	0.0257	5.15E-04	5.29E-06	3.02E-02	2.14E-07	0.0214	0.0214	0.00000303	0.00573	0.0000083	6.62E+01	6.14E-05	0.000743	0.000288
2051-12-01	25	192	95.2	6.58	0.198	28	0.204	0.0257	5.14E-04	5.29E-06	3.02E-02	2.14E-07	0.0214	0.0214	0.000003	0.00572	0.00000829	6.61E+01	6.14E-05	0.000742	0.000288
2052-01-01	26	192	95.3	6.59	0.198	28	0.204	0.0257	5.15E-04	5.29E-06	3.02E-02	2.14E-07	0.0214	0.0214	0.000003	0.00573	0.0000083	6.62E+01	6.14E-05	0.000743	0.000288
2052-02-01	26	194	96.1	6.64	0.2	28.2	0.206	0.0259	5.19E-04	5.33E-06	3.05E-02	2.16E-07	0.0216	0.0216	0.00000303	0.00578	0.00000836	6.67E+01	6.19E-05	0.000749	0.00029
2052-03-01	26	200	99.5	6.88	0.207	29.2	0.213	0.0268	5.36E-04	5.51E-06	3.15E-02	2.23E-07	0.0224	0.0223	0.00000313	0.006	0.00000865	6.91E+01	6.41E-05	0.000776	0.0003
2052-04-01	26	206	102	7.06	0.213	30.1	0.219	0.0272	5.43E-04	5.59E-06	3.19E-02	2.26E-07	0.023	0.0224	0.00000317	0.00629	0.00000876	7.07E+01	6.57E-05	0.000796	0.000304
2052-05-01	26	193	95.6	6.61	0.2	28.2	0.205	0.025	4.99E-04	5.14E-06	2.94E-02	2.08E-07	0.0216	0.0203	0.00000291	0.00606	0.00000805	6.59E+01	6.15E-05	0.000745	0.000279
2052-06-01	26	195	96.9	6.7	0.202	28.6	0.208	0.0252	5.05E-04	5.19E-06	2.97E-02	2.10E-07	0.0219	0.0205	0.00000294	0.00617	0.00000814	6.68E+01	6.23E-05	0.000755	0.000282
2052-07-01	26	197	98	6.77	0.205	28.9	0.21	0.0255	5.10E-04	5.25E-06	3.00E-02	2.13E-07	0.0221	0.0207	0.00000298	0.00624	0.00000823	6.75E+01	6.30E-05	0.000763	0.000285
2052-08-01	26	199	98.6	6.81	0.206	29.1	0.212	0.0257	5.13E-04	5.28E-06	3.02E-02	2.14E-07	0.0223	0.0208	0.00000299	0.00628	0.00000828	6.79E+01	6.34E-05	0.000768	0.000287
2052-09-01	26	200	99	6.84	0.207	29.2	0.213	0.0258	5.15E-04	5.30E-06	3.03E-02	2.15E-07	0.0224	0.0209	0.00000301	0.00631	0.00000831	6.82E+01	6.36E-05	0.000771	0.000288
2052-10-01	26	200	99	6.84	0.207	29.2	0.213	0.0258	5.15E-04	5.30E-06	3.03E-02	2.15E-07	0.0224	0.0209	0.00000301	0.00631	0.00000831	6.82E+01	6.36E-05	0.000771	0.000288
2052-11-01	26	199	98.9	6.83	0.206	29.2	0.212	0.0257	5.15E-04	5.29E-06	3.03E-02	2.14E-07	0.0223	0.0209	0.000003	0.0063	0.0000083	6.81E+01	6.36E-05	0.00077	0.000288
2052-12-01	26	199	98.8	6.83	0.206	29.1	0.212	0.0257	5.14E-04	5.29E-06	3.02E-02	2.14E-07	0.0223	0.0209	0.000003	0.0063	0.0000083	6.81E+01	6.35E-05	0.00077	0.000288
2053-01-01	27	199	98.9	6.83	0.206	29.2	0.212	0.0257	5.15E-04	5.29E-06	3.03E-02	2.14E-07	0.0223	0.0209	0.000003	0.0063	0.0000083	6.81E+01	6.36E-05	0.00077	0.000288
2053-02-01	27	201	99.6	6.89	0.208	29.4	0.214	0.0259	5.19E-04	5.33E-06	3.05E-02	2.16E-07	0.0225	0.0211	0.00000302	0.00636	0.00000836	6.86E+01	6.41E-05	0.000776	0.00029
2053-03-01	27	207	103	7.09	0.214	30.3	0.22	0.0267	5.33E-04	5.49E-06	3.14E-02	2.22E-07	0.0232	0.0216	0.00000311	0.00656	0.0000086	7.07E+01	6.60E-05	0.000799	0.000298
2053-04-01	27	213	106	7.3	0.221	31.2	0.227	0.0272	5.45E-04	5.61E-06	3.20E-02	2.27E-07	0.0239	0.022	0.00000318	0.00686	0.00000879	7.26E+01	6.79E-05	0.000823	0.000305
2053-05-01	27	197	97.9	6.77	0.205	28.9	0.211	0.025	4.99E-04	5.14E-06	2.94E-02	2.08E-07	0.0222	0.02	0.00000291	0.00651	0.00000806	6.71E+01	6.29E-05	0.000763	0.00028
2053-06-01	27	200	99.1	6.85	0.207	29.3	0.213	0.0252	5.05E-04	5.19E-06	2.97E-02	2.10E-07	0.0225	0.0202	0.00000294	0.00661	0.00000814	6.78E+01	6.37E-05	0.000772	0.000282
2053-07-01	27	202	100	6.93	0.21	29.6	0.216	0.0255	5.10E-04	5.25E-06	3.00E-02	2.13E-07	0.0227	0.0204	0.00000298	0.00669	0.00000823	6.86E+01	6.44E-05	0.000781	0.000286
2053-08-01	27	203	101	6.97	0.211	29.8	0.217	0.0257	5.13E-04	5.28E-06	3.02E-02	2.14E-07	0.0229	0.0205	0.00000299	0.00673	0.00000828	6.90E+01	6.47E-05	0.000785	0.000287
2053-09-01	27	204	101	7	0.212	29.9	0.218	0.0258	5.15E-04	5.30E-06	3.03E-02	2.15E-07	0.023	0.0206	0.00000301	0.00676	0.00000831	6.93E+01	6.50E-05	0.000788	0.000288
2053-10-01	27	204	101	7	0.212	29.9	0.218	0.0258	5.15E-04	5.30E-06	3.03E-02	2.15E-07	0.023	0.0206	0.00000301	0.00676	0.00000831	6.93E+01	6.50E-05	0.000789	0.000288
2053-11-01	27	204	101	6.99	0.212	29.9	0.218	0.0257	5.15E-04	5.29E-06	3.03E-02	2.14E-07	0.023	0.0206	0.000003	0.00675	0.0000083	6.92E+01	6.49E-05	0.000788	0.000288
2053-12-01	27	204	101	6.98	0.211	29.9	0.217	0.0257	5.14E-04	5.29E-06	3.03E-02	2.14E-07	0.0229	0.0206	0.000003	0.00675	0.0000083	6.92E+01	6.49E-05	0.000787	0.000288
2054-01-01	28	204	101	6.99	0.212	29.9	0.218	0.0257	5.15E-04	5.29E-06	3.03E-02	2.14E-07	0.023	0.0206	0.000003	0.00675	0.0000083	6.92E+01	6.49E-05	0.000788	0.000288
2054-02-01	28	205	102	7.04	0.213	30.1	0.219	0.0259	5.19E-04	5.33E-06	3.05E-02	2.16E-07	0.0231	0.0208	0.00000302	0.00681	0.00000836	6.97E+01	6.54E-05	0.000794	0.00029
2054-03-01	28	211	105	7.25	0.219	31	0.226	0.0267	5.33E-04	5.49E-06	3.14E-02	2.22E-07	0.0238	0.0213	0.00000311	0.00702	0.0000086	7.18E+01	6.74E-05	0.000817	0.000299
2054-04-01	28	217	108	7.45	0.226	31.9	0.232	0.0272	5.45E-04	5.61E-06	3.21E-02	2.27E-07	0.0245	0.0217	0.00000318	0.00734	0.00000879	7.36E+01	6.92E-05	0.000839	0.000305
2054-05-01	28	201	99.5	6.88	0.208	29.5	0.214	0.025	4.99E-04	5.14E-06	2.94E-02	2.08E-07	0.0227	0.0198	0.00000291	0.00694	0.00000806	6.78E+01	6.38E-05	0.000775	0.00028
2054-06-01	28	203	101	6.96	0.211	29.8	0.217	0.0252	5.05E-04	5.19E-06	2.97E-02	2.10E-07	0.023	0.02	0.00000294	0.00705	0.00000814	6.85E+01	6.46E-05	0.000784	0.000283
2054-07-01	28	205	102	7.04	0.213	30.1	0.219	0.0255	5.10E-04	5.25E-06	3.00E-02	2.13E-07	0.0232	0.0202	0.00000298	0.00713	0.00000823	6.93E+01	6.53E-05	0.000793	0.000286
2054-08-01	28	206	102	7.08	0.215	30.3	0.22	0.0257	5.13E-04	5.28E-06	3.02E-02	2.14E-07	0.0234	0.0203	0.00000299	0.00717	0.00000828	6.97E+01	6.57E-05	0.000797	0.000287
2054-09-01	28	207	103	7.11	0.215	30.4	0.221	0.0258	5.15E-04	5.30E-06	3.03E-02	2.15E-07	0.0234	0.0204	0.00000301	0.0072	0.00000831	7.00E+01	6.59E-05	0.000801	0.000288
2054-10-01	28	207	103	7.11	0.215	30.4	0.221	0.0258	5.15E-04	5.30E-06	3.03E-02	2.15E-07	0.0234	0.0204	0.00000301	0.0072	0.00000831	7.00E+01	6.59E-05	0.000801	0.000288
2054-11-01	28	207	103	7.1	0.215	30.4	0.221	0.0257	5.15E-04	5.29E-06	3.03E-02	2.14E-07	0.0234	0.0204	0.000003	0.00719	0.0000083	6.99E+01	6.59E-05	0.0008	0.000288
2054-12-01	28	207	103	7.09	0.215	30.4	0.221	0.0257	5.14E-04	5.29E-06	3.03E-02	2.14E-07	0.0234	0.0204	0.000003	0.00719	0.0000083	6.98E+01	6.58E-05	0.000799	0.000288
2055-01-01	29	207	103	7.1	0.215	30.4	0.221	0.0257	5.15E-04	5.29E-06	3.03E-02	2.14E-07	0.0234	0.0204	0.000003	0.00719	0.0000083	6.99E+01	6.59E-05	0.0008	0.000288
2055-02-01	29	209	103	7.15	0.217	30.6	0.223	0.0259	5.19E-04	5.33E-06	3.05E-02	2.16E-07	0.0236	0.0206	0.00000302	0.00725	0.00000836	7.04E+01	6.64E-05	0.000806	0.00029
2055-03-01	29	215	106	7.36	0.223	31.5	0.229	0.0267	5.33E-04	5.49E-06	3.14E-02	2.22E-07	0.0243	0.0211	0.00000311	0.00747	0.0000086	7.25E+01	6.83E-05	0.000829	0.000299
2055-0																					

Pond 1																								
Date	Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
Pond 1 Statistics (Year 1 to Year 30)																								
Minimum		0.000398	0.00211	2.66	0.000222	14.5	0.00465	0.000567	0.0107	3.83	0.000281	0.0000733	0.000368	0.0000549	0.0000968	0.0105	0.000163	0.00000229	0.000577	0.00075	0.0000874	0.0000163	0.00162	0.000368
P10		0.00137	0.074	3.87	0.00564	16.6	0.0191	0.00178	0.32	5.55	0.000863	0.000265	0.000384	0.00018	0.321	0.0329	0.000508	0.00000235	0.00177	0.00248	0.000975	0.000756	0.00559	0.000387
Median		0.00492	0.0765	7.99	0.00782	34.8	0.0641	0.00732	0.33	11.5	0.00317	0.000943	0.000403	0.000688	0.332	0.135	0.00203	0.00000244	0.00732	0.00966	0.00181	0.00093	0.0206	0.000573
P90		0.00956	0.0811	12.5	0.0106	58.9	0.122	0.0145	0.35	18.1	0.00631	0.00182	0.000419	0.00135	0.353	0.267	0.004	0.00000253	0.0144	0.019	0.0029	0.0011	0.0401	0.000918
Maximum		0.0105	0.098	13.5	0.0114	64.2	0.133	0.0157	0.426	19.5	0.00694	0.00199	0.000464	0.00148	0.426	0.291	0.00437	0.00000258	0.0158	0.0207	0.00314	0.00118	0.0439	0.00217
Monthly Results																								
2027-01-01	1	0.000398	0.00211	3.23	0.000222	18.9	0.00465	0.000567	0.0107	4.65	0.000281	7.33E-05	0.000464	5.49E-05	9.68E-05	0.0105	1.63E-04	2.58E-06	0.000577	0.00075	8.74E-05	1.63E-05	0.00162	0.00217
2027-02-01	1	0.000413	0.00452	3.22	0.000387	18.9	0.00491	0.000578	0.0107	4.63	0.00029	7.62E-05	0.000462	5.66E-05	0.0108	0.0108	1.66E-04	2.57E-06	0.000588	0.000768	0.000112	3.96E-05	0.00168	0.00215
2027-03-01	1	0.000436	0.00835	3.2	0.000648	18.8	0.00531	0.000597	0.0277	4.6	0.000305	8.10E-05	0.000459	5.94E-05	0.0278	0.0111	1.72E-04	2.56E-06	0.000607	0.000797	0.000151	7.65E-05	0.00177	0.00212
2027-04-01	1	0.000539	0.0251	3.12	0.00179	18.5	0.00707	0.000675	0.102	4.48	0.00037	0.000102	0.000444	7.11E-05	0.102	0.0126	1.95E-04	2.53E-06	0.000688	0.000924	0.000323	0.000238	0.00216	0.00201
2027-05-01	1	0.000814	0.0713	2.82	0.00494	17.3	0.0118	0.000881	0.308	4.06	0.000544	0.000157	0.000394	0.000103	0.308	0.0164	2.57E-04	2.37E-06	0.000902	0.00126	0.000795	0.000685	0.0032	0.00165
2027-06-01	1	0.000934	0.0913	2.7	0.00631	16.7	0.0139	0.000971	0.396	3.88	0.00062	0.000181	0.000374	0.000116	0.396	0.0181	2.85E-04	2.31E-06	0.000995	0.00141	0.000999	0.000877	0.00365	0.00149
2027-07-01	1	0.000962	0.0954	2.7	0.00658	16.8	0.0144	0.000995	0.414	3.89	0.000638	0.000187	0.000374	0.000119	0.414	0.0185	2.92E-04	2.32E-06	0.00102	0.00144	0.00104	0.000916	0.00375	0.00148
2027-08-01	1	0.000974	0.0969	2.72	0.00669	17	0.0146	0.00101	0.421	3.91	0.000646	0.000189	0.000376	0.000121	0.421	0.0187	2.95E-04	2.34E-06	0.00103	0.00146	0.00106	0.000931	0.0038	0.00149
2027-09-01	1	0.000984	0.0979	2.75	0.00676	17.1	0.0147	0.00102	0.425	3.95	0.000652	0.000191	0.00038	0.000122	0.426	0.0189	2.98E-04	2.36E-06	0.00104	0.00147	0.00107	0.000941	0.00384	0.0015
2027-10-01	1	0.000972	0.0967	2.71	0.00668	16.9	0.0145	0.001	0.42	3.9	0.000644	0.000189	0.000375	0.000121	0.42	0.0187	2.94E-04	2.33E-06	0.00103	0.00146	0.00106	0.00093	0.00379	0.00148
2027-11-01	1	0.000961	0.0956	2.68	0.0066	16.7	0.0144	0.000992	0.416	3.85	0.000637	0.000186	0.00037	0.000119	0.416	0.0185	2.91E-04	2.31E-06	0.00102	0.00144	0.00104	0.000919	0.00375	0.00147
2027-12-01	1	0.000955	0.0951	2.66	0.00656	16.6	0.0143	0.000986	0.413	3.83	0.000633	0.000185	0.000368	0.000119	0.413	0.0184	2.89E-04	2.29E-06	0.00101	0.00143	0.00104	0.000914	0.00373	0.00146
2028-01-01	2	0.000955	0.095	2.66	0.00656	16.6	0.0143	0.000986	0.413	3.83	0.000633	0.000185	0.000368	0.000118	0.413	0.0184	2.89E-04	2.29E-06	0.00101	0.00143	0.00104	0.000913	0.00372	0.00146
2028-02-01	2	0.000965	0.0951	2.68	0.00657	16.6	0.0144	0.001	0.413	3.85	0.00064	0.000187	0.000368	0.00012	0.414	0.0186	2.93E-04	2.29E-06	0.00102	0.00145	0.00104	0.000915	0.00377	0.00145
2028-03-01	2	0.000981	0.0953	2.71	0.00659	16.7	0.0146	0.00102	0.414	3.89	0.000651	0.00019	0.000369	0.000122	0.414	0.019	3.00E-04	2.30E-06	0.00105	0.00148	0.00105	0.000917	0.00383	0.00144
2028-04-01	2	0.00105	0.0958	2.81	0.00666	16.9	0.0154	0.00112	0.416	4.04	0.000699	0.000203	0.000371	0.000131	0.417	0.0208	3.28E-04	2.31E-06	0.00115	0.00161	0.00107	0.000925	0.00412	0.00139
2028-05-01	2	0.00123	0.0954	3.06	0.00674	17.3	0.0174	0.00136	0.415	4.39	0.000819	0.000235	0.00037	0.000155	0.415	0.0254	3.99E-04	2.30E-06	0.0014	0.00194	0.0011	0.000928	0.00483	0.00123
2028-06-01	2	0.0013	0.0954	3.17	0.00677	17.5	0.0183	0.00147	0.414	4.55	0.000872	0.000249	0.000369	0.000165	0.415	0.0273	4.31E-04	2.30E-06	0.00151	0.00208	0.00112	0.000931	0.00514	0.00116
2028-07-01	2	0.00133	0.0963	3.22	0.00684	17.7	0.0186	0.0015	0.418	4.62	0.000889	0.000254	0.000373	0.000168	0.419	0.0279	4.40E-04	2.32E-06	0.00154	0.00212	0.00113	0.00094	0.00523	0.00116
2028-08-01	2	0.00134	0.0971	3.25	0.00691	17.8	0.0188	0.00152	0.422	4.66	0.000898	0.000256	0.000376	0.00017	0.422	0.0282	4.45E-04	2.34E-06	0.00156	0.00215	0.00114	0.000949	0.00529	0.00117
2028-09-01	2	0.00135	0.098	3.28	0.00697	18	0.019	0.0																

Pond 1

Date	Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2031-06-01	5	0.00133	0.0612	4.34	0.00462	15.5	0.0183	0.00175	0.263	6.25	0.000828	0.000255	0.000385	0.000176	0.263	0.0323	4.99E-04	2.29E-06	0.00175	0.00241	0.000827	0.000612	0.00541	0.000867
2031-07-01	5	0.00136	0.0626	4.44	0.00472	15.8	0.0187	0.00178	0.269	6.39	0.000845	0.000261	0.000393	0.000179	0.269	0.0329	5.10E-04	2.35E-06	0.00179	0.00246	0.000845	0.000626	0.00553	0.000887
2031-08-01	5	0.00138	0.0636	4.52	0.0048	16.1	0.019	0.00181	0.273	6.5	0.000859	0.000265	0.0004	0.000182	0.274	0.0335	5.18E-04	2.39E-06	0.00182	0.0025	0.00086	0.000636	0.00562	0.000902
2031-09-01	5	0.00142	0.0656	4.65	0.00495	16.6	0.0196	0.00187	0.282	6.7	0.000884	0.000273	0.000412	0.000188	0.282	0.0345	5.34E-04	2.46E-06	0.00187	0.00257	0.000886	0.000656	0.00579	0.000929
2031-10-01	5	0.00144	0.0664	4.71	0.00501	16.8	0.0198	0.00189	0.285	6.78	0.000895	0.000276	0.000417	0.00019	0.285	0.0349	5.40E-04	2.49E-06	0.0019	0.0026	0.000896	0.000664	0.00586	0.00094
2031-11-01	5	0.00139	0.0641	4.55	0.00484	16.2	0.0191	0.00183	0.275	6.55	0.000864	0.000267	0.000403	0.000183	0.276	0.0337	5.22E-04	2.40E-06	0.00183	0.00251	0.000866	0.000641	0.00566	0.000909
2031-12-01	5	0.00138	0.0635	4.51	0.00479	16	0.019	0.00181	0.273	6.49	0.000857	0.000264	0.000399	0.000182	0.273	0.0334	5.17E-04	2.38E-06	0.00182	0.00249	0.000858	0.000635	0.00561	0.0009
2032-01-01	6	0.00138	0.0635	4.5	0.00479	16	0.019	0.00181	0.273	6.49	0.000856	0.000264	0.000399	0.000182	0.273	0.0334	5.17E-04	2.38E-06	0.00181	0.00249	0.000857	0.000635	0.0056	0.0009
2032-02-01	6	0.00138	0.0644	4.52	0.00485	16	0.019	0.00181	0.277	6.51	0.000854	0.000264	0.0004	0.000182	0.277	0.0334	5.16E-04	2.39E-06	0.00181	0.00249	0.000866	0.000644	0.0056	0.000896
2032-03-01	6	0.00138	0.0659	4.55	0.00495	15.9	0.0191	0.00181	0.283	6.56	0.000851	0.000265	0.000401	0.000182	0.284	0.0334	5.16E-04	2.39E-06	0.00181	0.00249	0.00088	0.000657	0.00561	0.000892
2032-04-01	6	0.00138	0.0707	4.64	0.00527	15.5	0.0194	0.0018	0.305	6.69	0.00084	0.000266	0.000403	0.000182	0.305	0.0333	5.14E-04	2.42E-06	0.0018	0.00249	0.000924	0.000703	0.00562	0.000875
2032-05-01	6	0.00132	0.0727	4.52	0.00537	14.5	0.0188	0.00172	0.314	6.52	0.000791	0.000256	0.000387	0.000174	0.314	0.0317	4.89E-04	2.34E-06	0.00171	0.00238	0.000929	0.000719	0.00537	0.000817
2032-06-01	6	0.00134	0.0746	4.61	0.0055	14.7	0.0192	0.00174	0.322	6.66	0.000803	0.00026	0.000394	0.000176	0.322	0.0322	4.97E-04	2.38E-06	0.00173	0.00242	0.000952	0.000738	0.00547	0.000829
2032-07-01	6	0.00136	0.0755	4.66	0.00557	14.8	0.0194	0.00176	0.326	6.73	0.000812	0.000263	0.000399	0.000178	0.326	0.0326	5.02E-04	2.41E-06	0.00175	0.00245	0.000963	0.000747	0.00553	0.000838
2032-08-01	6	0.00137	0.0761	4.7	0.00561	14.9	0.0195	0.00178	0.328	6.78	0.000818	0.000265	0.000402	0.00018	0.329	0.0328	5.06E-04	2.43E-06	0.00177	0.00247	0.00097	0.000753	0.00557	0.000844
2032-09-01	6	0.00137	0.0764	4.72	0.00564	15	0.0196	0.00178	0.33	6.81	0.000821	0.000266	0.000403	0.000181	0.33	0.033	5.08E-04	2.44E-06	0.00177	0.00248	0.000975	0.000756	0.00559	0.000847
2032-10-01	6	0.00137	0.0765	4.72	0.00564	15	0.0196	0.00179	0.33	6.82	0.000822	0.000266	0.000404	0.000181	0.33	0.033	5.09E-04	2.44E-06	0.00177	0.00248	0.000975	0.000757	0.0056	0.000848
2032-11-01	6	0.00137	0.0764	4.72	0.00564	15	0.0196	0.00178	0.33	6.81	0.000821	0.000266	0.000403	0.00018	0.33	0.0329	5.08E-04	2.44E-06	0.00177	0.00248	0.000974	0.000756	0.00559	0.000847
2032-12-01	6	0.00137	0.0764	4.72	0.00563	15	0.0196	0.00178	0.33	6.81	0.000821	0.000266	0.000403	0.00018	0.33	0.0329	5.08E-04	2.44E-06	0.00177	0.00248	0.000974	0.000756	0.00559	0.000847
2033-01-01	7	0.00137	0.0765	4.72	0.00564	15	0.0196	0.00179	0.33	6.81	0.000822	0.000266	0.000404	0.000181	0.33	0.033	5.08E-04	2.44E-06	0.00177	0.00248	0.000975	0.000757	0.0056	0.000848
2033-02-01	7	0.00139	0.0768	4.75	0.00567	15.1	0.0198	0.0018	0.332	6.86	0.000828	0.000269	0.000405	0.000182	0.332	0.0333	5.13E-04	2.45E-06	0.00179	0.0025	0.000981	0.00076	0.00564	0.00085
2033-03-01	7	0.00145	0.0793	4.93	0.00586	15.6	0.0206	0.00189	0.342	7.11	0.000863	0.00028	0.000418	0.00019	0.342	0.0348	5.37E-04	2.53E-06	0.00187	0.00262	0.00102	0.000785	0.00589	0.000873
2033-04-01	7	0.00162	0.0805	5.23	0.00605	16.4	0.023	0.00216	0.347	7.56	0.000958	0.000314	0.000425	0.000215	0.348	0.04	6.13E-04	2.57E-06	0.00214	0.00299	0.00107	0.000804	0.00663	0.000849
2033-05-01	7	0.00168	0.074	5.11	0.00569	15.7	0.0237	0.00231	0.319	7.38	0.000987	0.000326	0.00039	0.000226	0.32	0.0427	6.52E-04	2.36E-06	0.00228	0.00317	0.00103	0.000747	0.00693	0.000731
2033-06-01	7	0.00173	0.0748	5.21	0.00577	16	0.0244	0.00238	0.323	7.53	0.00101	0.000335	0.000395	0.000233	0.324	0.044	6.72E-04	2.39E-06	0.00235	0.00327	0.00105	0.000757	0.00713	0.000733
2033-07-01	7	0.00175	0.0756	5.27	0.00584	16.2	0.0247	0.00241	0.326	7.62	0.00103	0.000339	0.000399	0.000236	0.327	0.0446	6.81E-04	2.41E-06	0.00238	0.00331	0.00106	0.000765	0.00722	0.00074
2033-08-01	7	0.00177	0.0762	5.31	0.00588	16.3	0.0249	0.00243	0.329	7.67	0.00103	0.000342	0.000402	0.000237	0.329	0.0449	6.86E-04	2.43E-06	0.00239	0.00334	0.00107	0.00077	0.00728	0.000745
2033-09-01	7	0.00178	0.0765	5.33	0.0059	16.4	0.025	0.00244	0.33	7.71	0.00104	0.000344	0.000404	0.000239	0.331	0.0451	6.89E-04	2.44E-06	0.00241	0.00335	0.00107	0.000774	0.00731	0.000748
2033-10-01	7	0.00178	0.0765	5.33	0.00591	16.4	0.025	0.00245	0.33	7.71	0.00104	0.000344	0.000404	0.000239	0.331	0.0452	6.90E-04	2.44E-06	0.00241	0.00335	0.00107	0.000774	0.00732	0.000748
2033-11-01	7	0.00178	0.0764	5.33	0.0059	16.4	0.025	0.00244	0.33	7.71	0.00104	0.000344	0.000403	0.000239	0.33	0.0451	6.89E-04	2.44E-06	0.00241	0.00335	0.00107	0.000773	0.00731	0.000747
2033-12-01	7	0.00177	0.0764	5.33	0.0059	16.4	0.025	0.00244	0.33	7.7	0.00104	0.000343	0.000403	0.000238	0.33	0.0451	6.89E-04	2.44E-06	0.0024	0.00335	0.00107	0.000773	0.00731	0.000747
2034-01-01	8	0.00178	0.0765	5.33	0.00591	16.4	0.025	0.00245	0.33	7.71	0.00104	0.000344	0.000404	0.000239	0.331	0.0452	6.90E-04	2.44E-06	0.00241	0.00335	0.00107	0.000774	0.00732	0.000748
2034-02-01	8	0.00179	0.0768	5.36	0.00593	16.5	0.0252	0.00247	0.332	7.75	0.00105	0.000346	0.000405	0.000241	0.332	0.0455	6.95E-04	2.45E-06	0.00243	0.00338	0.00108	0.000778	0.00737	0.00075
2034-03-01	8	0.00186	0.0793	5.55	0.00613	17.1	0.0262	0.00257	0.342	8.02	0.00109	0.000361	0.000418	0.000251	0.343	0.0475	7.24E-04	2.53E-06	0.00253	0.00352	0.00112	0.000803	0.00767	0.000773
2034-04-01	8	0.00205	0.0805	5.79	0.00633	18.3	0.0287	0.00287	0.348	8.37	0.0012	0.000396	0.000425	0.000277	0.348	0.0529	8.05E-04	2.57E-06	0.00282	0.00391	0.00117	0.000822	0.00846	0.000771
2034-05-01	8	0.00208	0.074	5.52	0.00595	17.9	0.029	0.00296	0.319	7.99	0.00122	0.000403	0.00039	0.000284	0.32	0.0547	8.29E-04	2.36E-06	0.00291	0.00402	0.00113	0.000764	0.00864	0.000689
2034-06-01	8	0.00214	0.0749	5.61	0.00604	18.3	0.0297	0.00304	0.323	8.12	0.00125	0.000414	0.000395	0.000292	0.324	0.0562	8.52E-04	2.39E-06	0.00299	0.00413	0.00115	0.000775	0.00886	0.000695
2034-07-01	8	0.00216	0.0756	5.67	0.0061	18.5	0.03	0.00308	0.327	8.21	0.00127	0.000418	0.000399	0.000295	0.327	0.0569	8.62E-04	2.41E-06	0.00302	0.00418	0.00116	0.000783	0.00897	0.000702
2034-08-01	8	0.00218	0.0762	5.72	0.00614	18.6	0.0303	0.0031	0.329	8.27	0.00128	0.000422	0.000402	0.000298	0.329	0.0573	8.68E-04	2.43E-06	0.00305	0.00421	0.00117	0.000788	0.00904	0.000706
2034-09-01	8	0.00219	0.0765	5.74	0.00617	18.7	0.0304	0.00312	0.33	8.31	0.00128	0.000424	0.000404	0.000299	0.331	0.0576	8.72E-04	2.44E-06	0.00306	0.00423	0.00117	0.000792	0.00908	0.000709
2034-10-01	8	0.00219	0.0765	5.74	0.00617	18.7	0.0304	0.00312	0.33	8.31	0.00128	0.000424	0.000404	0.000299	0.331	0.0576	8.73E-04	2.44E-06	0.00306	0.00423	0.00117	0.000792	0.00908	0.00071
2034-11-01	8	0.00219	0.0765	5.74	0.																			

Pond 1																								
Date	Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2036-06-01	10	0.00297	0.0749	6.74	0.00657	21.5	0.0407	0.0044	0.323	9.75	0.00172	0.000574	0.000395	0.000412	0.324	0.0812	1.22E-03	2.39E-06	0.0043	0.00591	0.00135	0.00081	0.0124	0.000578
2036-07-01	10	0.003	0.0757	6.81	0.00664	21.8	0.0411	0.00445	0.327	9.86	0.00174	0.00058	0.000399	0.000416	0.327	0.0821	1.24E-03	2.41E-06	0.00435	0.00598	0.00136	0.000819	0.0126	0.000584
2036-08-01	10	0.00302	0.0762	6.86	0.00669	21.9	0.0414	0.00448	0.329	9.93	0.00176	0.000584	0.000402	0.000419	0.33	0.0827	1.25E-03	2.43E-06	0.00438	0.00603	0.00137	0.000824	0.0126	0.000587
2036-09-01	10	0.00304	0.0765	6.89	0.00672	22	0.0416	0.0045	0.33	9.97	0.00177	0.000587	0.000404	0.000421	0.331	0.0831	1.25E-03	2.44E-06	0.0044	0.00605	0.00138	0.000828	0.0127	0.00059
2036-10-01	10	0.00304	0.0765	6.89	0.00672	22	0.0416	0.0045	0.33	9.98	0.00177	0.000587	0.000404	0.000421	0.331	0.0831	1.25E-03	2.44E-06	0.00441	0.00606	0.00138	0.000828	0.0127	0.00059
2036-11-01	10	0.00304	0.0765	6.89	0.00671	22	0.0416	0.0045	0.33	9.97	0.00176	0.000587	0.000403	0.000421	0.331	0.083	1.25E-03	2.44E-06	0.0044	0.00605	0.00138	0.000828	0.0127	0.000589
2036-12-01	10	0.00303	0.0764	6.88	0.00671	22	0.0416	0.0045	0.33	9.96	0.00176	0.000587	0.000403	0.000421	0.331	0.083	1.25E-03	2.44E-06	0.0044	0.00605	0.00138	0.000827	0.0127	0.000589
2037-01-01	11	0.00304	0.0765	6.89	0.00671	22	0.0416	0.0045	0.33	9.97	0.00176	0.000587	0.000403	0.000421	0.331	0.083	1.25E-03	2.44E-06	0.0044	0.00605	0.00138	0.000828	0.0127	0.000589
2037-02-01	11	0.00306	0.0771	6.94	0.00677	22.2	0.042	0.00454	0.333	10	0.00178	0.000592	0.000407	0.000425	0.333	0.0838	1.26E-03	2.46E-06	0.00444	0.00611	0.00139	0.000834	0.0128	0.000594
2037-03-01	11	0.00317	0.0795	7.16	0.00699	23.1	0.0435	0.0047	0.343	10.4	0.00185	0.000614	0.000419	0.00044	0.344	0.0868	1.31E-03	2.53E-06	0.0046	0.00632	0.00144	0.000861	0.0133	0.000614
2037-04-01	11	0.00335	0.0807	7.25	0.00717	24.7	0.0456	0.00497	0.348	10.5	0.00198	0.000647	0.000426	0.000466	0.349	0.0917	1.38E-03	2.57E-06	0.00487	0.00666	0.00149	0.00088	0.014	0.000635
2037-05-01	11	0.00324	0.074	6.63	0.00667	24.2	0.0438	0.0048	0.319	9.59	0.00194	0.000624	0.00039	0.000451	0.32	0.0886	1.33E-03	2.36E-06	0.00472	0.00642	0.0014	0.000814	0.0135	0.000596
2037-06-01	11	0.0033	0.0749	6.7	0.00676	24.7	0.0446	0.00489	0.323	9.7	0.00198	0.000636	0.000395	0.000459	0.324	0.0903	1.36E-03	2.39E-06	0.00481	0.00654	0.00142	0.000824	0.0138	0.000605
2037-07-01	11	0.00334	0.0756	6.77	0.00683	25	0.045	0.00494	0.327	9.8	0.00201	0.000643	0.000399	0.000465	0.327	0.0913	1.37E-03	2.41E-06	0.00486	0.00661	0.00144	0.000832	0.0139	0.000612
2037-08-01	11	0.00336	0.0762	6.82	0.00688	25.2	0.0454	0.00498	0.329	9.86	0.00202	0.000648	0.000402	0.000468	0.33	0.0919	1.38E-03	2.43E-06	0.0049	0.00666	0.00145	0.000838	0.014	0.000616
2037-09-01	11	0.00338	0.0765	6.85	0.00691	25.3	0.0456	0.005	0.33	9.91	0.00203	0.000651	0.000404	0.00047	0.331	0.0924	1.39E-03	2.44E-06	0.00492	0.00669	0.00146	0.000842	0.0141	0.000619
2037-10-01	11	0.00338	0.0765	6.85	0.00692	25.3	0.0456	0.005	0.33	9.91	0.00203	0.000651	0.000404	0.00047	0.331	0.0924	1.39E-03	2.44E-06	0.00492	0.00669	0.00146	0.000842	0.0141	0.000619
2037-11-01	11	0.00337	0.0765	6.84	0.00691	25.3	0.0456	0.005	0.33	9.9	0.00203	0.00065	0.000403	0.00047	0.331	0.0923	1.39E-03	2.44E-06	0.00492	0.00668	0.00146	0.000842	0.0141	0.000619
2037-12-01	11	0.00337	0.0764	6.84	0.0069	25.3	0.0455	0.005	0.33	9.9	0.00203	0.00065	0.000403	0.00047	0.331	0.0923	1.39E-03	2.44E-06	0.00491	0.00668	0.00145	0.000841	0.0141	0.000618
2038-01-01	12	0.00337	0.0765	6.84	0.00691	25.3	0.0456	0.005	0.33	9.9	0.00203	0.00065	0.000403	0.00047	0.331	0.0923	1.39E-03	2.44E-06	0.00492	0.00668	0.00146	0.000842	0.0141	0.000619
2038-02-01	12	0.0034	0.077	6.89	0.00696	25.5	0.0459	0.00504	0.332	9.97	0.00205	0.000656	0.000406	0.000474	0.333	0.0931	1.40E-03	2.45E-06	0.00496	0.00674	0.00147	0.000848	0.0142	0.000623
2038-03-01	12	0.00353	0.0794	7.11	0.00719	26.5	0.0476	0.00522	0.343	10.3	0.00212	0.000679	0.000419	0.000491	0.344	0.0965	1.45E-03	2.53E-06	0.00514	0.00698	0.00152	0.000875	0.0147	0.000644
2038-04-01	12	0.00372	0.0807	7.22	0.00738	28.2	0.05	0.00552	0.348	10.4	0.00227	0.000717	0.000426	0.00052	0.349	0.102	1.53E-03	2.57E-06	0.00544	0.00736	0.00157	0.000895	0.0156	0.000665
2038-05-01	12	0.0036	0.0741	6.63	0.00689	27.7	0.048	0.00534	0.32	9.58	0.00224	0.000693	0.000391	0.000504	0.321	0.0987	1.48E-03	2.36E-06	0.00528	0.0071	0.00149	0.000829	0.0151	0.000624
2038-06-01	12	0.00367	0.0749	6.71	0.00698	28.2	0.0489	0.00544	0.323	9.7	0.00228	0.000706	0.000395	0.000513	0.324	0.101	1.51E-03	2.39E-06	0.00538	0.00723	0.00151	0.00084	0.0153	0.000633
2038-07-01	12	0.00371	0.0757	6.78	0.00705	28.5	0.0494	0.0055	0.327	9.79	0.00231	0.000713	0.000399	0.000519	0.328	0.102	1.52E-03	2.41E-06	0.00544	0.00731	0.00153	0.000848	0.0155	0.00064
2038-08-01	12	0.00374	0.076																					

Pond 1																								
Date	Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2041-06-01	15	0.00482	0.0749	7.85	0.00766	34.1	0.0627	0.00716	0.323	11.3	0.00311	0.000923	0.000395	0.000674	0.325	0.132	1.98E-03	2.39E-06	0.00717	0.00946	0.00178	0.000888	0.0202	0.000548
2041-07-01	15	0.00487	0.0757	7.93	0.00773	34.4	0.0634	0.00724	0.327	11.4	0.00314	0.000933	0.000399	0.000681	0.328	0.134	2.00E-03	2.41E-06	0.00725	0.00956	0.00179	0.000897	0.0204	0.000553
2041-08-01	15	0.0049	0.0762	7.99	0.00779	34.6	0.0639	0.00729	0.329	11.5	0.00316	0.00094	0.000402	0.000686	0.33	0.135	2.02E-03	2.43E-06	0.0073	0.00963	0.00181	0.000904	0.0205	0.000557
2041-09-01	15	0.00493	0.0765	8.02	0.00782	34.8	0.0642	0.00733	0.33	11.6	0.00318	0.000944	0.000404	0.000689	0.332	0.135	2.03E-03	2.44E-06	0.00733	0.00967	0.00182	0.000907	0.0206	0.000559
2041-10-01	15	0.00493	0.0766	8.02	0.00783	34.8	0.0642	0.00733	0.33	11.6	0.00318	0.000944	0.000404	0.000689	0.332	0.135	2.03E-03	2.44E-06	0.00734	0.00968	0.00182	0.000908	0.0206	0.000559
2041-11-01	15	0.00492	0.0765	8.02	0.00782	34.8	0.0641	0.00732	0.33	11.6	0.00318	0.000943	0.000403	0.000688	0.331	0.135	2.03E-03	2.44E-06	0.00733	0.00967	0.00181	0.000907	0.0206	0.000559
2041-12-01	15	0.00492	0.0764	8.01	0.00781	34.8	0.0641	0.00732	0.33	11.5	0.00317	0.000943	0.000403	0.000688	0.331	0.135	2.03E-03	2.44E-06	0.00732	0.00966	0.00181	0.000906	0.0206	0.000558
2042-01-01	16	0.00493	0.0765	8.02	0.00782	34.8	0.0642	0.00733	0.33	11.6	0.00318	0.000944	0.000404	0.000689	0.332	0.135	2.03E-03	2.44E-06	0.00733	0.00967	0.00182	0.000908	0.0206	0.000559
2042-02-01	16	0.00494	0.0767	8.04	0.00784	34.9	0.0643	0.00735	0.331	11.6	0.00319	0.000947	0.000404	0.000691	0.332	0.136	2.03E-03	2.44E-06	0.00735	0.0097	0.00182	0.000909	0.0207	0.00056
2042-03-01	16	0.00511	0.079	8.3	0.00809	36.1	0.0665	0.0076	0.341	12	0.0033	0.000979	0.000417	0.000714	0.342	0.14	2.10E-03	2.52E-06	0.0076	0.01	0.00188	0.000938	0.0214	0.000577
2042-04-01	16	0.00534	0.0805	8.53	0.00832	37.7	0.0693	0.00793	0.347	12.3	0.00347	0.00102	0.000425	0.000746	0.349	0.146	2.19E-03	2.57E-06	0.00796	0.0105	0.00194	0.000961	0.0223	0.000586
2042-05-01	16	0.00508	0.074	7.95	0.00775	35.8	0.0657	0.00755	0.319	11.4	0.00333	0.000973	0.00039	0.000711	0.321	0.139	2.09E-03	2.36E-06	0.00759	0.00994	0.00183	0.000891	0.0213	0.000536
2042-06-01	16	0.00517	0.0749	8.05	0.00785	36.4	0.0668	0.00767	0.323	11.6	0.00339	0.000989	0.000395	0.000723	0.325	0.142	2.12E-03	2.39E-06	0.00772	0.0101	0.00186	0.000903	0.0216	0.000542
2042-07-01	16	0.00522	0.0757	8.14	0.00793	36.8	0.0675	0.00776	0.327	11.7	0.00343	0.001	0.000399	0.00073	0.328	0.143	2.14E-03	2.41E-06	0.0078	0.0102	0.00188	0.000912	0.0218	0.000548
2042-08-01	16	0.00526	0.0762	8.2	0.00799	37.1	0.068	0.00781	0.329	11.8	0.00346	0.00101	0.000402	0.000736	0.33	0.144	2.16E-03	2.43E-06	0.00786	0.0103	0.00189	0.000918	0.022	0.000552
2042-09-01	16	0.00528	0.0765	8.23	0.00803	37.2	0.0683	0.00785	0.33	11.9	0.00347	0.00101	0.000404	0.000739	0.332	0.145	2.17E-03	2.44E-06	0.00789	0.0103	0.0019	0.000922	0.0221	0.000554
2042-10-01	16	0.00528	0.0766	8.24	0.00803	37.3	0.0683	0.00785	0.33	11.9	0.00347	0.00101	0.000404	0.000739	0.332	0.145	2.17E-03	2.44E-06	0.0079	0.0103	0.0019	0.000923	0.0221	0.000554
2042-11-01	16	0.00528	0.0765	8.23	0.00802	37.2	0.0682	0.00784	0.33	11.8	0.00347	0.00101	0.000403	0.000739	0.331	0.145	2.17E-03	2.44E-06	0.00789	0.0103	0.0019	0.000922	0.0221	0.000554
2042-12-01	16	0.00528	0.0764	8.22	0.00802	37.2	0.0682	0.00784	0.33	11.8	0.00347	0.00101	0.000403	0.000738	0.331	0.145	2.17E-03	2.44E-06	0.00789	0.0103	0.00189	0.000921	0.0221	0.000553
2043-01-01	17	0.00528	0.0765	8.23	0.00803	37.3	0.0683	0.00785	0.33	11.9	0.00347	0.00101	0.000404	0.000739	0.332	0.145	2.17E-03	2.44E-06	0.0079	0.0103	0.0019	0.000923	0.0221	0.000554
2043-02-01	17	0.00531	0.0768	8.27	0.00806	37.4	0.0686	0.00789	0.332	11.9	0.00349	0.00102	0.000405	0.000743	0.333	0.146	2.18E-03	2.45E-06	0.00794	0.0104	0.00191	0.000926	0.0222	0.000556
2043-03-01	17	0.00549	0.0792	8.54	0.00832	38.7	0.0709	0.00816	0.342	12.3	0.00361	0.00105	0.000418	0.000768	0.343	0.151	2.26E-03	2.53E-06	0.00821	0.0107	0.00197	0.000956	0.023	0.000573
2043-04-01	17	0.00573	0.0806	8.82	0.00856	40.2	0.074	0.00853	0.348	12.7	0.00377	0.0011	0.000425	0.000803	0.349	0.157	2.36E-03	2.57E-06	0.00858	0.0112	0.00204	0.000979	0.024	0.000576
2043-05-01	17	0.00546	0.0741	8.28	0.00798	38	0.0704	0.00813	0.32	11.9	0.00359	0.00104	0.000391	0.000765	0.321	0.15	2.25E-03	2.36E-06	0.00818	0.0107	0.00192	0.000907	0.0228	0.000521
2043-06-01	17	0.00555	0.0749	8.4	0.00809	38.6	0.0715	0.00827	0.323	12.1	0.00365	0.00106	0.000395	0.000778	0.325	0.153	2.28E-03	2.39E-06	0.00831	0.0109	0.00195	0.000919	0.0232	0.000526
2043-07-01	17	0.00561	0.0757	8.49	0.00817	39	0.0723	0.00836	0.327	12.2	0.00369	0.00107	0.000399	0.000786	0.328	0.154	2.31E-03	2.41E-06	0.0084	0.011	0.00197	0.000928	0.0235	0.000531
2043-08-01	17	0.00565	0.0762	8.55	0.																			

Pond 1																								
Date	Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2046-06-01	20	0.00663	0.075	9.71	0.00876	43.1	0.0853	0.00996	0.324	14	0.00431	0.00127	0.000396	0.000932	0.325	0.184	2.76E-03	2.39E-06	0.00997	0.0131	0.0022	0.000965	0.0278	0.000454
2046-07-01	20	0.00671	0.0758	9.81	0.00885	43.6	0.0863	0.0101	0.327	14.1	0.00436	0.00128	0.0004	0.000942	0.329	0.186	2.79E-03	2.41E-06	0.0101	0.0132	0.00222	0.000975	0.0281	0.000459
2046-08-01	20	0.00675	0.0763	9.88	0.00891	43.9	0.0868	0.0101	0.329	14.2	0.00439	0.00129	0.000402	0.000948	0.331	0.187	2.80E-03	2.43E-06	0.0102	0.0133	0.00224	0.000982	0.0283	0.000462
2046-09-01	20	0.00678	0.0766	9.92	0.00895	44	0.0872	0.0102	0.331	14.3	0.00441	0.0013	0.000404	0.000952	0.332	0.188	2.82E-03	2.44E-06	0.0102	0.0134	0.00225	0.000986	0.0284	0.000464
2046-10-01	20	0.00678	0.0766	9.92	0.00895	44.1	0.0872	0.0102	0.331	14.3	0.00441	0.0013	0.000404	0.000953	0.332	0.188	2.82E-03	2.44E-06	0.0102	0.0134	0.00225	0.000986	0.0284	0.000464
2046-11-01	20	0.00678	0.0765	9.91	0.00894	44	0.0871	0.0102	0.33	14.3	0.0044	0.00129	0.000404	0.000952	0.332	0.188	2.81E-03	2.44E-06	0.0102	0.0134	0.00225	0.000985	0.0284	0.000463
2046-12-01	20	0.00677	0.0765	9.9	0.00894	44	0.0871	0.0102	0.33	14.3	0.0044	0.00129	0.000403	0.000951	0.332	0.188	2.81E-03	2.44E-06	0.0102	0.0134	0.00224	0.000985	0.0284	0.000463
2047-01-01	21	0.00678	0.0765	9.91	0.00894	44	0.0872	0.0102	0.33	14.3	0.00441	0.0013	0.000404	0.000952	0.332	0.188	2.82E-03	2.44E-06	0.0102	0.0134	0.00225	0.000986	0.0284	0.000463
2047-02-01	21	0.00684	0.0772	10	0.00902	44.4	0.0879	0.0103	0.333	14.4	0.00445	0.00131	0.000407	0.000961	0.335	0.19	2.84E-03	2.46E-06	0.0103	0.0135	0.00227	0.000994	0.0286	0.000467
2047-03-01	21	0.00706	0.0795	10.3	0.0093	45.8	0.0908	0.0106	0.343	14.9	0.00459	0.00135	0.000419	0.000992	0.345	0.196	2.93E-03	2.53E-06	0.0106	0.014	0.00234	0.00102	0.0296	0.00048
2047-04-01	21	0.00735	0.0809	10.7	0.00957	47.5	0.0945	0.0111	0.349	15.4	0.00477	0.0014	0.000427	0.00103	0.351	0.204	3.06E-03	2.58E-06	0.0111	0.0145	0.00242	0.00105	0.0308	0.000482
2047-05-01	21	0.00695	0.0741	10	0.00891	44.6	0.0894	0.0105	0.32	14.4	0.00451	0.00133	0.000391	0.000978	0.322	0.193	2.90E-03	2.36E-06	0.0105	0.0138	0.00227	0.000971	0.0291	0.000433
2047-06-01	21	0.00706	0.075	10.2	0.00903	45.2	0.0908	0.0106	0.324	14.6	0.00458	0.00135	0.000395	0.000994	0.325	0.196	2.94E-03	2.39E-06	0.0106	0.014	0.0023	0.000983	0.0296	0.000437
2047-07-01	21	0.00714	0.0757	10.3	0.00912	45.7	0.0918	0.0108	0.327	14.8	0.00463	0.00136	0.000399	0.001	0.329	0.199	2.97E-03	2.41E-06	0.0108	0.0141	0.00233	0.000994	0.0299	0.000441
2047-08-01	21	0.00719	0.0763	10.3	0.00918	46	0.0924	0.0108	0.329	14.9	0.00466	0.00137	0.000402	0.00101	0.331	0.2	2.99E-03	2.43E-06	0.0108	0.0142	0.00234	0.001	0.0301	0.000444
2047-09-01	21	0.00722	0.0766	10.4	0.00922	46.2	0.0928	0.0109	0.33	15	0.00468	0.00138	0.000404	0.00102	0.332	0.201	3.01E-03	2.44E-06	0.0109	0.0143	0.00235	0.001	0.0303	0.000446
2047-10-01	21	0.00722	0.0766	10.4	0.00923	46.2	0.0929	0.0109	0.331	15	0.00468	0.00138	0.000404	0.00102	0.332	0.201	3.01E-03	2.44E-06	0.0109	0.0143	0.00235	0.001	0.0303	0.000446
2047-11-01	21	0.00721	0.0765	10.4	0.00922	46.2	0.0928	0.0109	0.33	15	0.00468	0.00138	0.000403	0.00102	0.332	0.201	3.00E-03	2.44E-06	0.0109	0.0143	0.00235	0.001	0.0302	0.000446
2047-12-01	21	0.00721	0.0765	10.4	0.00921	46.2	0.0927	0.0109	0.33	14.9	0.00467	0.00138	0.000403	0.00101	0.332	0.201	3.00E-03	2.44E-06	0.0109	0.0143	0.00235	0.001	0.0302	0.000445
2048-01-01	22	0.00722	0.0766	10.4	0.00922	46.2	0.0928	0.0109	0.33	15	0.00468	0.00138	0.000404	0.00102	0.332	0.201	3.01E-03	2.44E-06	0.0109	0.0143	0.00235	0.001	0.0303	0.000446
2048-02-01	22	0.00728	0.0772	10.5	0.0093	46.6	0.0936	0.011	0.333	15.1	0.00472	0.00139	0.000407	0.00102	0.335	0.203	3.03E-03	2.46E-06	0.011	0.0144	0.00237	0.00101	0.0305	0.000449
2048-03-01	22	0.00756	0.0799	10.9	0.00964	48.4	0.0972	0.0114	0.345	15.6	0.0049	0.00144	0.000421	0.00106	0.347	0.21	3.15E-03	2.55E-06	0.0114	0.015	0.00246	0.00105	0.0317	0.000465
2048-04-01	22	0.00781	0.0807	11.1	0.00985	50	0.1	0.0118	0.348	16	0.00507	0.00149	0.000425	0.0011	0.35	0.218	3.26E-03	2.57E-06	0.0118	0.0155	0.00253	0.00107	0.0328	0.000467
2048-05-01	22	0.00741	0.0741	10.4	0.00919	47.3	0.0951	0.0112	0.32	15	0.00481	0.00141	0.000391	0.00104	0.322	0.207	3.09E-03	2.36E-06	0.0112	0.0147	0.00238	0.00099	0.0311	0.000425
2048-06-01	22	0.00753	0.075	10.5	0.00931	48.1	0.0966	0.0114	0.324	15.2	0.00489	0.00144	0.000395	0.00106	0.326	0.21	3.14E-03	2.39E-06	0.0114	0.0149	0.00241	0.001	0.0315	0.000429
2048-07-01	22	0.00761	0.0758	10.6	0.00941	48.6	0.0977	0.0115	0.327	15.3	0.00494	0.00145	0.0004	0.00107	0.329	0.212	3.17E-03	2.41E-06	0.0115	0.0151	0.00244	0.00101	0.0319	0.000434
2048-08-01	22	0.00766	0.0763	10.7	0.00948	48.9	0.0983	0.0116	0.329	15.4	0.00497	0.00146	0.000402	0.00108	0.331	0.214	3.20E-							

Pond 1																								
Date	Mine Year	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2051-06-01	25	0.00895	0.075	11.9	0.0102	55.4	0.114	0.0136	0.324	17.2	0.0058	0.00171	0.000396	0.00127	0.326	0.251	3.75E-03	2.39E-06	0.0135	0.0178	0.00275	0.00106	0.0375	0.000389
2051-07-01	25	0.00905	0.0758	12	0.0103	56	0.116	0.0137	0.327	17.4	0.00587	0.00173	0.0004	0.00128	0.33	0.254	3.79E-03	2.42E-06	0.0137	0.018	0.00278	0.00107	0.0379	0.000393
2051-08-01	25	0.00911	0.0763	12.1	0.0104	56.4	0.116	0.0138	0.329	17.5	0.00591	0.00174	0.000402	0.00129	0.332	0.255	3.81E-03	2.43E-06	0.0138	0.0181	0.0028	0.00108	0.0382	0.000395
2051-09-01	25	0.00914	0.0766	12.2	0.0104	56.6	0.117	0.0139	0.331	17.6	0.00593	0.00174	0.000404	0.00129	0.333	0.256	3.83E-03	2.44E-06	0.0138	0.0182	0.00281	0.00109	0.0383	0.000397
2051-10-01	25	0.00915	0.0766	12.2	0.0104	56.6	0.117	0.0139	0.331	17.6	0.00593	0.00174	0.000404	0.00129	0.333	0.256	3.83E-03	2.44E-06	0.0138	0.0182	0.00281	0.00109	0.0383	0.000397
2051-11-01	25	0.00913	0.0765	12.2	0.0104	56.6	0.117	0.0139	0.33	17.5	0.00593	0.00174	0.000404	0.00129	0.333	0.256	0.00383	2.44E-06	0.0138	0.0182	0.0028	0.00108	0.0383	0.000396
2051-12-01	25	0.00913	0.0765	12.2	0.0104	56.5	0.117	0.0139	0.33	17.5	0.00592	0.00174	0.000403	0.00129	0.332	0.256	0.00382	2.44E-06	0.0138	0.0182	0.0028	0.00108	0.0383	0.000396
2052-01-01	26	0.00914	0.0766	12.2	0.0104	56.6	0.117	0.0139	0.33	17.6	0.00593	0.00174	0.000404	0.00129	0.333	0.256	3.83E-03	2.44E-06	0.0138	0.0182	0.0028	0.00109	0.0383	0.000397
2052-02-01	26	0.00921	0.0772	12.3	0.0105	57.1	0.118	0.014	0.333	17.7	0.00598	0.00176	0.000407	0.0013	0.335	0.258	3.86E-03	2.46E-06	0.0139	0.0183	0.00283	0.00109	0.0386	0.000399
2052-03-01	26	0.00954	0.0798	12.7	0.0108	59.1	0.122	0.0145	0.344	18.3	0.00619	0.00182	0.000421	0.00135	0.347	0.267	0.004	2.54E-06	0.0144	0.019	0.00293	0.00113	0.04	0.000413
2052-04-01	26	0.0098	0.0808	13	0.0111	60.5	0.125	0.0148	0.349	18.7	0.00637	0.00187	0.000426	0.00138	0.351	0.274	0.0041	2.57E-06	0.0148	0.0195	0.00299	0.00115	0.0411	0.000415
2052-05-01	26	0.00917	0.0743	12.1	0.0103	56.4	0.117	0.0139	0.321	17.4	0.00598	0.00175	0.000392	0.0013	0.323	0.256	0.00384	2.37E-06	0.0139	0.0182	0.00279	0.00107	0.0384	0.000377
2052-06-01	26	0.0093	0.0751	12.2	0.0104	57.2	0.118	0.0141	0.324	17.6	0.00607	0.00177	0.000396	0.00131	0.326	0.26	0.00389	2.39E-06	0.0141	0.0185	0.00282	0.00108	0.0389	0.00038
2052-07-01	26	0.0094	0.0759	12.4	0.0105	57.8	0.12	0.0142	0.328	17.8	0.00613	0.00179	0.0004	0.00133	0.33	0.263	0.00393	0.00000242	0.0142	0.0187	0.00285	0.00109	0.0394	0.000384
2052-08-01	26	0.00946	0.0764	12.4	0.0106	58.1	0.12	0.0143	0.33	17.9	0.00617	0.0018	0.000403	0.00134	0.332	0.264	0.00396	0.00000243	0.0143	0.0188	0.00287	0.0011	0.0396	0.000386
2052-09-01	26	0.0095	0.0767	12.5	0.0106	58.4	0.121	0.0144	0.331	18	0.0062	0.00181	0.000404	0.00134	0.333	0.265	0.00397	0.00000244	0.0144	0.0189	0.00288	0.0011	0.0398	0.000388
2052-10-01	26	0.0095	0.0767	12.5	0.0106	58.4	0.121	0.0144	0.331	18	0.0062	0.00181	0.000404	0.00134	0.333	0.265	0.00397	0.00000244	0.0144	0.0189	0.00288	0.0011	0.0398	0.000388
2052-11-01	26	0.00949	0.0766	12.5	0.0106	58.3	0.121	0.0143	0.33	18	0.00619	0.00181	0.000404	0.00134	0.333	0.265	0.00397	0.00000244	0.0143	0.0188	0.00288	0.0011	0.0397	0.000387
2052-12-01	26	0.00948	0.0765	12.5	0.0106	58.3	0.121	0.0143	0.33	18	0.00619	0.00181	0.000403	0.00134	0.333	0.265	0.00396	0.00000244	0.0143	0.0188	0.00288	0.0011	0.0397	0.000387
2053-01-01	27	0.00949	0.0766	12.5	0.0106	58.3	0.121	0.0143	0.33	18	0.00619	0.00181	0.000404	0.00134	0.333	0.265	0.00397	0.00000244	0.0143	0.0188	0.00288	0.0011	0.0397	0.000387
2053-02-01	27	0.00956	0.0772	12.6	0.0107	58.8	0.122	0.0145	0.333	18.1	0.00624	0.00182	0.000407	0.00135	0.335	0.267	0.004	0.00000246	0.0144	0.019	0.0029	0.00111	0.0401	0.00039
2053-03-01	27	0.00984	0.0794	12.9	0.011	60.5	0.125	0.0149	0.342	18.7	0.00643	0.00188	0.000418	0.00139	0.345	0.275	0.00412	0.00000253	0.0149	0.0195	0.00299	0.00114	0.0412	0.000401
2053-04-01	27	0.0101	0.0811	13.3	0.0113	62.2	0.129	0.0153	0.35	19.2	0.00663	0.00193	0.000427	0.00143	0.352	0.283	0.00424	0.00000258	0.0153	0.0201	0.00307	0.00117	0.0425	0.000408
2053-05-01	27	0.0094	0.0743	12.3	0.0104	57.6	0.119	0.0142	0.321	17.7	0.00617	0.00179	0.000392	0.00133	0.323	0.262	0.00393	0.00000237	0.0142	0.0186	0.00284	0.00107	0.0394	0.000372
2053-06-01	27	0.00952	0.0751	12.4	0.0105	58.3	0.121	0.0143	0.324	17.9	0.00624	0.00181	0.000396	0.00134	0.326	0.265	0.00397	0.00000239	0.0144	0.0188	0.00287	0.00109	0.0398	0.000376
2053-07-01	27	0.00962	0.0759	12.5	0.0106	58.9	0.122	0.0145	0.328	18.1	0.00631	0.00183	0.0004	0.00136	0.33	0.268	0.00402	0.00000242	0.0145	0.019	0.0029	0.0011	0.0403	0.00038
2053-08-01	27	0.00968	0.0764	12.6	0.0107	59.3	0.123	0.0146	0.33	18.2	0.00635	0.00184	0.000403	0.00137	0.332	0.27	0.00404	0.00000243	0.0146	0.0192	0.00292	0.00111	0.0405	0.000382
2053-09-01	27	0.00972	0.0767	12.7</																				

D.3 – TOTAL CONCENTRATION TABLES

TMF NW Pond - 10ppm TSS

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TMF NW Pond Statistics (Year 1 to Year 27)																								
Minimum		2.65	0.14	0.0695	0.00196	0.168	0.0109	0.000571	0.0000746	0.0000006	0.457505	5.00476E-06	0.0002388	0.001221	2.3867E-06	0.001946	0.000001372	0.883	0.000001286	0.0007392	0.0086928	0.0008133	0.577402	0.1162
P10		17.6	5.662	0.3464	0.0166	3.252	0.3616	0.02422	0.0002842	0.0000037	0.4771	0.000005117	0.000936	0.006902	0.00000505	0.015686	0.000006361	13.741	0.000004341	0.0007592	0.008817	0.0009378	0.5937	0.9768
Median		99.4	6.77	2.26	0.0752	5.8	0.475	0.0281	0.00288	0.00000525	0.4815	0.000005199	0.0060068	0.00878	0.00000582	0.068086	0.000007297	15.241	0.000022447	0.001125	0.008885	0.003465	0.6447	2.5148
P90		116	16.92	2.58	0.08828	6.616	0.638	0.02988	0.004068	0.00005686	0.4864	0.000005241	0.0074448	0.00985	0.00114232	0.093866	0.000009835	18.941	0.000028547	0.001177	0.0090038	0.004183	0.7008	3.0828
Maximum		126	20.9	3.25	0.0917	7.91	0.661	0.031	0.00432	0.00000597	0.4901	0.000005254	0.0094868	0.01075	0.00168232	0.101186	0.000011757	21.241	0.000030847	0.001217	0.00911	0.004865	0.727	3.8248
Monthly Results																								
2027-02-01	1	2.65	0.14	0.0695	0.00196	0.168	0.0109	0.000571	0.0000746	6.00E-07	4.58E-01	5.00E-06	2.39E-04	1.22E-03	2.39E-06	1.95E-03	1.37E-06	8.83E-01	1.29E-06	7.39E-04	8.69E-03	8.13E-04	5.77E-01	1.16E-01
2027-03-01	1	6.89	0.363	0.18	0.00508	0.436	0.0283	0.00148	0.000194	7.60E-07	4.58E-01	5.01E-06	5.61E-04	1.56E-03	2.49E-06	4.76E-03	1.56E-06	1.59E+00	2.31E-06	7.56E-04	8.70E-03	9.54E-04	5.78E-01	2.46E-01
2027-04-01	1	25.9	1.36	0.678	0.0191	1.64	0.106	0.00557	0.000727	1.48E-06	4.62E-01	5.05E-06	2.01E-03	3.07E-03	2.97E-06	1.74E-02	2.38E-06	4.75E+00	6.88E-06	8.29E-04	8.72E-03	1.59E-03	5.81E-01	8.28E-01
2027-05-01	1	67.7	4.52	1.76	0.0506	4.62	0.324	0.0177	0.00191	4.57E-06	4.82E-01	5.14E-06	5.24E-03	7.44E-03	4.23E-06	4.56E-02	9.33E-06	1.33E+01	2.15E-05	1.03E-03	9.01E-03	3.20E-03	6.93E-01	2.17E+00
2027-06-01	1	107	5.9	2.79	0.079	6.85	0.453	0.0239	0.00301	4.96E-06	4.81E-01	5.20E-06	8.18E-03	9.79E-03	5.06E-06	7.12E-02	7.32E-06	1.87E+01	2.76E-05	1.15E-03	8.87E-03	4.35E-03	6.23E-01	3.33E+00
2027-07-01	1	118	6.32	3.08	0.0869	7.49	0.49	0.0257	0.00331	5.11E-06	4.81E-01	5.21E-06	9.00E-03	1.05E-02	5.30E-06	7.84E-02	6.94E-06	2.02E+01	2.95E-05	1.19E-03	8.84E-03	4.67E-03	6.07E-01	3.65E+00
2027-08-01	1	96.5	6.11	2.51	0.0718	6.48	0.445	0.0241	0.00273	5.87E-06	4.89E-01	5.19E-06	7.44E-03	9.70E-03	4.98E-06	6.46E-02	1.14E-05	1.82E+01	2.92E-05	1.14E-03	9.08E-03	4.19E-03	7.09E-01	3.05E+00
2027-09-01	1	95.6	6.25	2.48	0.0713	6.44	0.449	0.0244	0.0027	5.91E-06	4.90E-01	5.19E-06	7.36E-03	9.89E-03	4.97E-06	6.42E-02	1.16E-05	1.83E+01	2.91E-05	1.14E-03	9.09E-03	4.17E-03	7.18E-01	3.04E+00
2027-10-01	1	91.6	6.17	2.38	0.0684	6.21	0.438	0.0238	0.00259	5.88E-06	4.90E-01	5.18E-06	7.05E-03	9.70E-03	4.88E-06	6.17E-02	1.18E-05	1.78E+01	2.86E-05	1.13E-03	9.11E-03	4.05E-03	7.27E-01	2.92E+00
2027-11-01	1	92.3	6.28	2.4	0.069	6.24	0.442	0.0241	0.0026	5.82E-06	4.90E-01	5.18E-06	7.10E-03	9.85E-03	4.89E-06	6.23E-02	1.16E-05	1.80E+01	2.85E-05	1.13E-03	9.10E-03	4.06E-03	7.24E-01	2.95E+00
2027-12-01	1	98.7	6.39	2.57	0.0735	6.55	0.458	0.0247	0.00278	5.63E-06	4.87E-01	5.19E-06	7.56E-03	1.02E-02	4.99E-06	6.64E-02	1.03E-05	1.86E+01	2.86E-05	1.14E-03	9.03E-03	4.21E-03	6.97E-01	3.13E+00
2028-01-01	2	101	6.4	2.63	0.0751	6.66	0.462	0.0249	0.00284	5.59E-06	4.87E-01	5.19E-06	7.73E-03	1.02E-02	5.02E-06	6.79E-02	1.00E-05	1.88E+01	2.88E-05	1.15E-03	9.01E-03	4.26E-03	6.88E-01	3.19E+00
2028-02-01	2	101	6.41	2.64	0.0755	6.69	0.464	0.0249	0.00285	5.58E-06	4.87E-01	5.19E-06	7.77E-03	1.02E-02	5.04E-06	6.82E-02	9.94E-06	1.89E+01	2.89E-05	1.15E-03	9.01E-03	4.28E-03	6.86E-01	3.21E+00
2028-03-01	2	102	6.42	2.67	0.0762	6.74	0.466	0.025	0.00288	5.58E-06	4.86E-01	5.20E-06	7.84E-03	1.03E-02	5.05E-06	6.88E-02	9.84E-06	1.90E+01	2.89E-05	1.15E-03	9.00E-03	4.30E-03	6.83E-01	3.23E+00
2028-04-01	2	106	6.47	2.77	0.079	6.95	0.475	0.0254	0.00298	5.53E-06	4.86E-01	5.20E-06	8.14E-03	1.04E-02	5.13E-06	7.11E-02	9.35E-06	1.94E+01	2.93E-05	1.16E-03	8.97E-03	4.41E-03	6.69E-01	3.34E+00
2028-05-01	2	91.5	6.13	2.37	0.0681	6.17	0.432	0.0235	0.00256	5.73E-06	4.89E-01	5.18E-06	7.01E-03	9.46E-03	4.86E-06	6.08E-02	1.13E-05	1.77E+01	2.80E-05	1.12E-03	9.08E-03	4.01E-03	7.15E-01	2.90E+00
2028-06-01	2	114	6.36	2.97	0.0839	7.29	0.483	0.0255	0.00317	5.28E-06	4.83E-01	5.21E-06	8.68E-03	1.03E-02	5.24E-06	7.48E-02	7.86E-06	1.99E+01	2.94E-05	1.18E-03	8.89E-03	4.57E-03	6.29E-01	3.53E+00
2028-07-01	2	121	6.5	3.15	0.0889	7.67	0.502	0.0264	0.00336	5.25E-06	4.82E-01	5.22E-06	9.21E-03	1.07E-02	5.37E-06	7.92E-02	7.16E-06	2.07E+01	3.02E-05	1.20E-03	8.85E-03	4.77E-03	6.10E-01	3.73E+00
2028-08-01	2	98.1	6.3	2.54	0.0727	6.57	0.451	0.0244	0.00274	5.91E-06	4.90E-01	5.19E-06	7.51E-03	9.68E-03	5.02E-06	6.46E-02	1.14E-05	1.85E+01	2.94E-05	1.15E-03	9.08E-03	4.22E-03	7.07E-01	3.09E+00
2028-09-01	2	96.9	6.46	2.5	0.072	6.51	0.453	0.0246	0.0027	5.92E-06	4.90E-01	5.19E-06	7.41E-03	9.82E-03	5.00E-06	6.41E-02	1.15E-05	1.85E+01	2.92E-05	1.14E-03	9.09E-03	4.19E-03	7.15E-01	3.06E+00
2028-10-01	2	92.6	6.38	2.39	0.0689	6.27	0.44	0.024	0.00258	5.88E-06	4.90E-01	5.19												

TMF NW Pond - 10ppm TSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2032-04-01	6	103	6.6	2.51	0.0772	6.51	0.51	0.0265	0.00311	5.42E-06	4.84E-01	5.21E-06	7.15E-03	9.59E-03	5.25E-06	7.30E-02	8.37E-06	1.82E+01	2.59E-05	1.14E-03	8.92E-03	3.96E-03	6.45E-01	2.98E+00
2032-05-01	6	97.1	5.77	2.21	0.0751	5.73	0.543	0.0266	0.00342	5.36E-06	4.83E-01	5.21E-06	6.01E-03	8.79E-03	5.31E-06	8.02E-02	7.90E-06	1.56E+01	2.28E-05	1.11E-03	8.89E-03	3.49E-03	6.31E-01	2.53E+00
2032-06-01	6	108	5.46	2.41	0.0838	5.87	0.593	0.0275	0.00396	5.21E-06	4.80E-01	5.23E-06	6.44E-03	9.13E-03	5.50E-06	9.29E-02	6.46E-06	1.50E+01	2.30E-05	1.15E-03	8.81E-03	3.63E-03	5.93E-01	2.65E+00
2032-07-01	6	96.6	5.48	2.14	0.0756	5.62	0.563	0.0272	0.00359	5.56E-06	4.84E-01	5.22E-06	5.74E-03	8.60E-03	5.41E-06	8.37E-02	8.24E-06	1.52E+01	2.24E-05	1.12E-03	8.90E-03	3.40E-03	6.32E-01	2.42E+00
2032-08-01	6	95.3	5.52	2.11	0.0748	5.57	0.56	0.0271	0.00355	5.57E-06	4.84E-01	5.22E-06	5.65E-03	8.55E-03	5.40E-06	8.28E-02	8.34E-06	1.51E+01	2.23E-05	1.11E-03	8.91E-03	3.36E-03	6.35E-01	2.39E+00
2032-09-01	6	98.8	5.56	2.19	0.0773	5.67	0.573	0.0275	0.00367	5.54E-06	4.84E-01	5.22E-06	5.85E-03	8.74E-03	5.45E-06	8.59E-02	8.00E-06	1.52E+01	2.26E-05	1.12E-03	8.89E-03	3.43E-03	6.26E-01	2.46E+00
2032-10-01	6	99.5	5.59	2.2	0.0779	5.68	0.576	0.0275	0.0037	5.50E-06	4.83E-01	5.22E-06	5.88E-03	8.78E-03	5.45E-06	8.66E-02	7.85E-06	1.52E+01	2.25E-05	1.12E-03	8.88E-03	3.44E-03	6.24E-01	2.47E+00
2032-11-01	6	102	5.58	2.25	0.0796	5.73	0.584	0.0277	0.00379	5.45E-06	4.83E-01	5.23E-06	6.01E-03	8.88E-03	5.48E-06	8.87E-02	7.54E-06	1.51E+01	2.27E-05	1.13E-03	8.87E-03	3.49E-03	6.16E-01	2.51E+00
2032-12-01	6	104	5.59	2.31	0.0813	5.8	0.592	0.0279	0.00387	5.44E-06	4.82E-01	5.23E-06	6.15E-03	9.00E-03	5.52E-06	9.07E-02	7.34E-06	1.52E+01	2.29E-05	1.14E-03	8.85E-03	3.54E-03	6.11E-01	2.56E+00
2033-01-01	7	116	6.18	2.57	0.0907	6.44	0.659	0.0309	0.00432	5.96E-06	4.85E-01	5.25E-06	6.85E-03	9.89E-03	5.87E-06	1.01E-01	7.88E-06	1.68E+01	2.54E-05	1.18E-03	8.87E-03	3.86E-03	6.12E-01	2.85E+00
2033-02-01	7	116	6.16	2.57	0.0906	6.43	0.658	0.0309	0.00432	5.94E-06	4.85E-01	5.25E-06	6.85E-03	9.88E-03	5.86E-06	1.01E-01	7.83E-06	1.67E+01	2.53E-05	1.18E-03	8.86E-03	3.86E-03	6.11E-01	2.85E+00
2033-03-01	7	116	6.13	2.57	0.0906	6.42	0.657	0.0308	0.00432	5.91E-06	4.85E-01	5.25E-06	6.85E-03	9.86E-03	5.86E-06	1.01E-01	7.74E-06	1.67E+01	2.53E-05	1.18E-03	8.86E-03	3.85E-03	6.10E-01	2.84E+00
2033-04-01	7	116	5.99	2.57	0.0905	6.35	0.651	0.0303	0.00431	5.77E-06	4.84E-01	5.25E-06	6.85E-03	9.78E-03	5.82E-06	1.01E-01	7.37E-06	1.63E+01	2.49E-05	1.18E-03	8.84E-03	3.84E-03	6.03E-01	2.83E+00
2033-05-01	7	101	5.67	2.22	0.0787	5.69	0.581	0.0276	0.00373	5.46E-06	4.83E-01	5.22E-06	5.92E-03	8.80E-03	5.46E-06	8.71E-02	7.64E-06	1.51E+01	2.25E-05	1.13E-03	8.87E-03	3.45E-03	6.19E-01	2.48E+00
2033-06-01	7	110	5.43	2.42	0.0847	5.86	0.603	0.0278	0.00403	5.23E-06	4.80E-01	5.23E-06	6.42E-03	9.10E-03	5.54E-06	9.42E-02	6.39E-06	1.49E+01	2.29E-05	1.15E-03	8.80E-03	3.62E-03	5.90E-01	2.63E+00
2033-07-01	7	97.6	5.53	2.14	0.0761	5.62	0.567	0.0273	0.0036	5.57E-06	4.84E-01	5.22E-06	5.73E-03	8.55E-03	5.43E-06	8.38E-02	8.21E-06	1.51E+01	2.24E-05	1.12E-03	8.90E-03	3.39E-03	6.30E-01	2.41E+00
2033-08-01	7	96.2	5.58	2.11	0.075	5.57	0.563	0.0272	0.00355	5.57E-06	4.84E-01	5.22E-06	5.64E-03	8.50E-03	5.41E-06	8.26E-02	8.32E-06	1.51E+01	2.22E-05	1.11E-03	8.91E-03	3.36E-03	6.33E-01	2.39E+00
2033-09-01	7	99.6	5.63	2.19	0.0775	5.67	0.576	0.0275	0.00367	5.54E-06	4.84E-01	5.22E-06	5.84E-03	8.68E-03	5.46E-06	8.55E-02	7.99E-06	1.52E+01	2.25E-05	1.12E-03	8.89E-03	3.43E-03	6.26E-01	2.45E+00
2033-10-01	7	100	5.66	2.2	0.078	5.68	0.578	0.0276	0.00369	5.51E-06	4.83E-01	5.22E-06	5.87E-03	8.72E-03	5.46E-06	8.61E-02	7.85E-06	1.51E+01	2.25E-05	1.12E-03	8.88E-03	3.44E-03	6.23E-01	2.46E+00
2033-11-01	7	103	5.64	2.25	0.0797	5.73	0.585	0.0277	0.00377	5.46E-06	4.83E-01	5.23E-06	6.00E-03	8.82E-03	5.48E-06	8.81E-02	7.53E-06	1.51E+01	2.26E-05	1.13E-03	8.87E-03	3.48E-03	6.16E-01	2.51E+00
2033-12-01	7	105	5.64	2.31	0.0814	5.8	0.593	0.0279	0.00386	5.45E-06	4.82E-01	5.23E-06	6.14E-03	8.94E-03	5.52E-06	9.01E-02	7.33E-06	1.52E+01	2.29E-05	1.14E-03	8.85E-03	3.54E-03	6.11E-01	2.55E+00
2034-01-01	8	117	6.24	2.58	0.0908	6.45	0.66	0.031	0.00431	5.97E-06	4.85E-01	5.25E-06	6.85E-03	9.84E-03	5.88E-06	1.00E-01	7.89E-06	1.68E+01	2.54E-05	1.19E-03	8.87E-03	3.86E-03	6.12E-01	2.84E+00
2034-02-01	8	117	6.21	2.58	0.0908	6.44	0.66	0.0309	0.00431	5.95E-06	4.85E-01	5.25E-06	6.85E-03	9.83E-03	5.87E-06	1.00E-01	7.83E-06	1.67E+01	2.53E-05	1.19E-03	8.86E-03	3.86E-03	6.11E-01	2.84E+00
2034-03-01	8	117	6.18	2.58	0.0908	6.43	0.659	0.0309	0.00431	5.92E-06	4.85E-01	5.25E-06	6.85E-03	9.81E-03	5.86E-06	1.00E-01	7.75E-06	1.67E+01	2.53E-05	1.18E-03	8.86E-03	3.85E-03	6.09E-01	2.84E+00
2034-04-01	8	117	6.03	2.58	0.0906	6.36	0.653	0.0304	0.00429	5.78E-06	4.84E-01	5.25E-06	6.85E-03	9.72E-03	5.82E-06	1.00E-01	7.37E-06	1.63E+01	2.49E-05	1.18E-03	8.84E-03E			

TMF NW Pond - 10ppm TSS

Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2038-01-01	12	116	6.15	2.52	0.0889	6.26	0.642	0.0299	0.00414	5.67E-06	4.83E-01	5.25E-06	6.70E-03	9.40E-03	5.76E-06	9.54E-02	7.17E-06	1.59E+01	2.43E-05	1.18E-03	8.83E-03	3.77E-03	5.99E-01	2.75E+00
2038-02-01	12	116	6.13	2.52	0.0889	6.25	0.641	0.0299	0.00414	5.66E-06	4.83E-01	5.25E-06	6.70E-03	9.40E-03	5.76E-06	9.54E-02	7.13E-06	1.59E+01	2.43E-05	1.18E-03	8.83E-03	3.77E-03	5.99E-01	2.75E+00
2038-03-01	12	116	6.1	2.53	0.089	6.25	0.641	0.0299	0.00414	5.64E-06	4.83E-01	5.25E-06	6.71E-03	9.40E-03	5.76E-06	9.55E-02	7.08E-06	1.59E+01	2.43E-05	1.18E-03	8.83E-03	3.77E-03	5.98E-01	2.75E+00
2038-04-01	12	117	5.97	2.54	0.0892	6.22	0.639	0.0296	0.00415	5.56E-06	4.82E-01	5.24E-06	6.73E-03	9.37E-03	5.74E-06	9.56E-02	6.85E-06	1.57E+01	2.42E-05	1.18E-03	8.82E-03	3.77E-03	5.94E-01	2.75E+00
2038-05-01	12	102	5.98	2.19	0.0778	5.67	0.576	0.0275	0.00359	5.39E-06	4.82E-01	5.22E-06	5.82E-03	8.51E-03	5.44E-06	8.27E-02	7.44E-06	1.47E+01	2.20E-05	1.13E-03	8.86E-03	3.40E-03	6.14E-01	2.42E+00
2038-06-01	12	111	5.52	2.41	0.0845	5.85	0.602	0.0278	0.00393	5.22E-06	4.80E-01	5.23E-06	6.39E-03	8.87E-03	5.54E-06	9.03E-02	6.35E-06	1.47E+01	2.28E-05	1.16E-03	8.80E-03	3.61E-03	5.89E-01	2.60E+00
2038-07-01	12	114	5.48	2.47	0.0866	5.94	0.613	0.0281	0.00403	5.23E-06	4.80E-01	5.23E-06	6.56E-03	9.02E-03	5.59E-06	9.27E-02	6.17E-06	1.48E+01	2.32E-05	1.17E-03	8.79E-03	3.68E-03	5.84E-01	2.66E+00
2038-08-01	12	106	5.8	2.28	0.0805	5.78	0.588	0.0278	0.00373	5.40E-06	4.82E-01	5.23E-06	6.05E-03	8.66E-03	5.51E-06	8.56E-02	7.22E-06	1.48E+01	2.25E-05	1.14E-03	8.85E-03	3.49E-03	6.07E-01	2.49E+00
2038-09-01	12	107	5.87	2.31	0.0816	5.83	0.595	0.028	0.00378	5.41E-06	4.82E-01	5.23E-06	6.14E-03	8.76E-03	5.53E-06	8.69E-02	7.13E-06	1.49E+01	2.27E-05	1.14E-03	8.84E-03	3.53E-03	6.05E-01	2.53E+00
2038-10-01	12	106	5.96	2.28	0.0806	5.79	0.59	0.0279	0.00373	5.41E-06	4.82E-01	5.23E-06	6.05E-03	8.69E-03	5.51E-06	8.58E-02	7.23E-06	1.49E+01	2.25E-05	1.14E-03	8.85E-03	3.49E-03	6.08E-01	2.50E+00
2038-11-01	12	107	5.92	2.31	0.0816	5.81	0.594	0.028	0.00377	5.38E-06	4.82E-01	5.23E-06	6.13E-03	8.75E-03	5.52E-06	8.68E-02	7.06E-06	1.49E+01	2.26E-05	1.14E-03	8.84E-03	3.52E-03	6.04E-01	2.52E+00
2038-12-01	12	109	5.84	2.35	0.0829	5.86	0.6	0.0281	0.00384	5.36E-06	4.82E-01	5.23E-06	6.24E-03	8.83E-03	5.54E-06	8.83E-02	6.88E-06	1.49E+01	2.28E-05	1.15E-03	8.83E-03	3.56E-03	6.00E-01	2.56E+00
2039-01-01	13	116	6.16	2.51	0.0885	6.23	0.638	0.0298	0.0041	5.64E-06	4.83E-01	5.25E-06	6.66E-03	9.33E-03	5.75E-06	9.43E-02	7.13E-06	1.58E+01	2.42E-05	1.18E-03	8.83E-03	3.75E-03	5.99E-01	2.73E+00
2039-02-01	13	116	6.14	2.51	0.0885	6.23	0.638	0.0298	0.0041	5.63E-06	4.83E-01	5.25E-06	6.67E-03	9.33E-03	5.75E-06	9.44E-02	7.10E-06	1.58E+01	2.42E-05	1.18E-03	8.83E-03	3.75E-03	5.98E-01	2.73E+00
2039-03-01	13	117	6.11	2.52	0.0886	6.22	0.638	0.0297	0.00411	5.62E-06	4.83E-01	5.25E-06	6.68E-03	9.33E-03	5.74E-06	9.45E-02	7.05E-06	1.57E+01	2.42E-05	1.18E-03	8.83E-03	3.75E-03	5.97E-01	2.73E+00
2039-04-01	13	117	5.98	2.53	0.0889	6.2	0.637	0.0295	0.00413	5.55E-06	4.82E-01	5.24E-06	6.71E-03	9.32E-03	5.73E-06	9.49E-02	6.83E-06	1.56E+01	2.41E-05	1.18E-03	8.82E-03	3.76E-03	5.93E-01	2.73E+00
2039-05-01	13	102	6.04	2.19	0.0777	5.67	0.575	0.0275	0.00358	5.39E-06	4.82E-01	5.22E-06	5.81E-03	8.47E-03	5.44E-06	8.24E-02	7.42E-06	1.47E+01	2.19E-05	1.12E-03	8.86E-03	3.40E-03	6.13E-01	2.42E+00
2039-06-01	13	111	5.54	2.41	0.0845	5.85	0.602	0.0278	0.00392	5.22E-06	4.80E-01	5.23E-06	6.39E-03	8.85E-03	5.53E-06	9.01E-02	6.34E-06	1.47E+01	2.28E-05	1.16E-03	8.80E-03	3.61E-03	5.89E-01	2.59E+00
2039-07-01	13	114	5.49	2.47	0.0866	5.94	0.613	0.0281	0.00403	5.23E-06	4.80E-01	5.23E-06	6.56E-03	9.00E-03	5.59E-06	9.25E-02	6.17E-06	1.48E+01	2.32E-05	1.17E-03	8.79E-03	3.67E-03	5.84E-01	2.65E+00
2039-08-01	13	106	5.85	2.27	0.0805	5.79	0.588	0.0278	0.00372	5.40E-06	4.82E-01	5.23E-06	6.04E-03	8.64E-03	5.51E-06	8.54E-02	7.21E-06	1.48E+01	2.25E-05	1.14E-03	8.85E-03	3.49E-03	6.07E-01	2.49E+00
2039-09-01	13	107	5.92	2.31	0.0816	5.84	0.595	0.028	0.00377	5.41E-06	4.82E-01	5.23E-06	6.13E-03	8.73E-03	5.54E-06	8.67E-02	7.13E-06	1.49E+01	2.27E-05	1.14E-03	8.84E-03	3.52E-03	6.04E-01	2.53E+00
2039-10-01	13	106	6.02	2.28	0.0806	5.8	0.59	0.0279	0.00372	5.41E-06	4.82E-01	5.23E-06	6.04E-03	8.67E-03	5.51E-06	8.56E-02	7.22E-06	1.49E+01	2.25E-05	1.14E-03	8.85E-03	3.49E-03	6.07E-01	2.50E+00
2039-11-01	13	107	5.98	2.31	0.0815	5.82	0.594	0.028	0.00377	5.38E-06	4.82E-01	5.23E-06	6.12E-03	8.73E-03	5.52E-06	8.66E-02	7.05E-06	1.49E+01	2.26E-05	1.14E-03	8.84E-03	3.52E-03	6.04E-01	2.52E+00
2039-12-01	13	110	5.93	2.36	0.0834	5.9	0.603	0.0282	0.00386	5.39E-06	4.82E-01	5.23E-06	6.27E-03	8.85E-03	5.56E-06	8.87E-02	6.91E-06	1.50E+01	2.29E-05	1.15E-03	8.83E-03	3.57E-03	6.00E-01	2.57E+00
2040-01-01	14	114	6.12	2.47	0.0871	6.14	0.629	0.0294	0.00403	5.56E-06	4.83E-01	5.24E-06	6.55E-03	9.18E-03	5.70E-06	9.27E-02	7.04E-06	1.55E+01	2.38E-05	1.17E-03	8.83E-03	3.70E-03	5.98E-01	2.68E+00
2040-02-01	14	115	6.1	2.47	0.0872	6.14	0.629	0.0293	0.00404	5.56E-06	4.82E-01	5.24E-06	6.56E-03	9.19E-03	5.70E-06	9.28E-02	7.01E-06	1.55E+01	2.38E-05	1.17E-03	8.83E-03	3.70E-03	5.98E-01	2.69E+00
2040-03-01	14	115	6.07	2.48	0.0873	6.14	0.629	0.0293	0.00405	5.55E-06	4.82E-01	5.24E-06	6.58E-03	9.20E-03	5.70E-06	9.30E-02	6.97E-06	1.55E+01	2.38E-05	1.17E-03	8.83E-03	3.71E-03	5.97E-01	2.69E+00
2040-04-01	14	116	5.95	2.5	0.0879	6.13	0.63	0.0292	0.00408	5.49E-06	4.82E-01	5.24E-06	6.63E-03	9.21E-03	5.69E-06	9.38E-02	6.77E-06	1.54E+01	2.38E-05	1.17E-03	8.82E-03	3.72E-03	5.93E-01	2.70E+00
2040-05-01	14	99.4	6.09	2.14	0.0762	5.66	0.569	0.0275	0.00351	5.36E-06	4.82E-01	5.22E-06	5.67E-03	8.38E-03	5.44E-06	8.07E-02	7.29E-06	1.48E+01	2.13E-05	1.11E-03	8.85E-03	3.33E-03	6.10E-01	2.38E+00
2040-06-01	14	111	5.57	2.39	0.084	5.85	0.6	0.0278	0.00391	5.21E-06	4.80E-01	5.23E-06	6.34E-03	8.84E-03	5.54E-06	8.98E-02	6.32E-06	1.47E+01	2.26E-05	1.15E-03	8.80E-03	3.58E-03	5.88E-01	2.58E+00
2040-07-01	14	114	5.51	2.46	0.0863	5.94	0.612	0.0281	0.00402	5.23E-06	4.80E-01	5.23E-06	6.54E-03	9.01E-03	5.59E-06	9.25E-02	6.16E-06	1.48E+01	2.31E-05	1.16E-03	8.79E-03	3.66E-03	5.84E-01	2.65E+00
2040-08-01	14	104	5.94	2.25	0.0797	5.84	0.588	0.0282	0.00369	5.44E-06	4.82E-01	5.23E-06	6.56E-03	8.63E-03	5.54E-06	8.47E-02	7.19E-06	1.51E+01	2.21E-05	1.13E-03	8.85E-03	3.45E-03	6.05E-01	2.48E+00
2040-09-01	14	105	6.04	2.27	0.0805	5.87	0.593	0.0283	0.00373	5.44E-06	4.82E-01	5.23E-06	6.02E-03	8.70E-03	5.56E-06	8.56E-02	7.13E-06	1.51E+01	2.22E-05	1.14E-03	8.84E-03	3.47E-03	6.04E-01	2.50E+00
2040-10-01	14	104	6.14	2.23	0.0793	5.82	0.587	0.0282	0.00366	5.42E-06	4.82E-01	5.23E-06	5.92E-03	8.62E-03	5.53E-06	8.43E-02	7.20E-06	1.50E+01	2.20E-05	1.13E-03	8.85E-03	3.43E-03	6.06E-01	2.47E+00
2040-11-01	14	105	6.13	2.25	0.08	5.83	0.59	0.0281	0.0037	5.39E-06	4.82E-01	5.23E-06	5.97E-03	8.66E-03	5.53E-06	8.51E-02	7.07E-06	1.50E+01	2.21E-05	1.13E-03	8.84E-03	3.45E-03	6.04E-01	2.49E+00
2040-12-01	14	107	6.05	2.31	0.0818	5.89	0.598	0.0283	0.00378	5.39E-06	4.82E-01	5.23E-06	6.12E-03	8.78E-03	5.56E-06	8.71E-02	6.93E-06	1.51E+01	2.24E-05	1.14E-03	8.83E-03	3.51E-03	6.00E-01	2.53E+00
2041-01-01	15	115	6.38	2.47	0.0875	6.27	0.638	0.0301	0.00405	5.69E-06	4.83E-01	5.25E-06	6.56E-03	9.30E-03	5.77E-06	9.33E-02	7.21E-06	1.60E+01	2.39E-05	1.17E-03	8.84E-03	3.70E-03	5.99E-01	2.71E+00
2041-02-01	15	115	6.35	2.48	0.0876	6.27	0.638	0.0301	0.00406	5.67E-06	4.83E-01	5.25E-06	6.57E-03	9.30E-03	5.77E-06	9.34E-02	7.17E-06	1.60E+01	2.39E-05	1.17E-03	8.83E-03	3.71E-03	5.99E-01	2.71E+00
2041-03-01	15	115	6.31	2.48	0.0878	6.26	0.638	0.03	0.00407	5.66E-06	4.83E-01	5.25E-06	6.58E-03	9.30E-03	5.77E-06	9.36E-02	7.12E-06	1.59E+01	2.39E-05	1.17E-03	8.83E-03	3.71E-03	5.98E-01	2.71E+00
2041-04-01	15	116	6.14	2.5	0.0882	6.23	0.636	0.0298	0.00409	5.58E-06	4.82E-01	5.25E-06	6.64E-03	9.29E-03	5.75E-06	9.41E-02	6.88E-06	1.57E+01	2.39E-05	1.17E-03	8.82E-03	3.73E-03		

TMF NW Pond - 10ppm TSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2043-10-01	17	103	9.17	2.2	0.0794	5.85	0.612	0.0298	0.00354	5.21E-06	4.81E-01	5.23E-06	5.73E-03	9.09E-03	7.37E-05	8.51E-02	6.60E-06	1.56E+01	2.06E-05	1.11E-03	8.82E-03	3.30E-03	6.03E-01	2.49E+00
2043-11-01	17	101	9.89	2.14	0.078	5.8	0.611	0.03	0.00344	5.18E-06	4.81E-01	5.22E-06	5.58E-03	9.09E-03	8.87E-05	8.35E-02	6.63E-06	1.56E+01	2.01E-05	1.10E-03	8.82E-03	3.22E-03	6.06E-01	2.46E+00
2043-12-01	17	102	9.74	2.18	0.0789	5.82	0.613	0.0299	0.00349	5.17E-06	4.81E-01	5.22E-06	5.67E-03	9.13E-03	8.59E-05	8.47E-02	6.56E-06	1.56E+01	2.04E-05	1.10E-03	8.82E-03	3.26E-03	6.04E-01	2.48E+00
2044-01-01	18	105	9.71	2.23	0.0809	5.94	0.625	0.0304	0.00359	5.26E-06	4.81E-01	5.23E-06	5.82E-03	9.28E-03	8.37E-05	8.68E-02	6.63E-06	1.58E+01	2.09E-05	1.11E-03	8.82E-03	3.33E-03	6.03E-01	2.54E+00
2044-02-01	18	107	9.87	2.28	0.0826	6.06	0.638	0.031	0.00367	5.36E-06	4.82E-01	5.23E-06	5.95E-03	9.45E-03	8.47E-05	8.86E-02	6.73E-06	1.61E+01	2.13E-05	1.12E-03	8.82E-03	3.39E-03	6.04E-01	2.59E+00
2044-03-01	18	107	9.86	2.28	0.0825	6.05	0.637	0.031	0.00366	5.35E-06	4.82E-01	5.23E-06	5.94E-03	9.44E-03	8.45E-05	8.85E-02	6.73E-06	1.61E+01	2.13E-05	1.12E-03	8.82E-03	3.38E-03	6.04E-01	2.59E+00
2044-04-01	18	106	9.76	2.26	0.0816	5.99	0.631	0.0306	0.00362	5.30E-06	4.81E-01	5.23E-06	5.88E-03	9.35E-03	8.37E-05	8.76E-02	6.67E-06	1.59E+01	2.11E-05	1.12E-03	8.82E-03	3.36E-03	6.03E-01	2.56E+00
2044-05-01	18	64.7	15	1.3	0.0528	5.06	0.533	0.0303	0.00199	4.90E-06	4.82E-01	5.19E-06	3.25E-03	8.14E-03	2.36E-04	5.48E-02	7.59E-06	1.58E+01	1.31E-05	9.41E-04	8.89E-03	2.17E-03	6.50E-01	1.82E+00
2044-06-01	18	55.8	12.9	1.12	0.0456	4.36	0.46	0.0261	0.00171	4.30E-06	4.78E-01	5.16E-06	2.81E-03	7.16E-03	2.04E-04	4.73E-02	6.72E-06	1.37E+01	1.14E-05	9.12E-04	8.86E-03	1.97E-03	6.40E-01	1.57E+00
2044-07-01	18	50.2	11.6	1.01	0.041	3.93	0.413	0.0235	0.00154	3.92E-06	4.76E-01	5.15E-06	2.53E-03	6.54E-03	1.84E-04	4.25E-02	6.18E-06	1.24E+01	1.04E-05	8.94E-04	8.85E-03	1.85E-03	6.34E-01	1.42E+00
2044-08-01	18	46.4	10.7	0.936	0.0379	3.63	0.382	0.0217	0.00143	3.66E-06	4.75E-01	5.14E-06	2.34E-03	6.13E-03	1.70E-04	3.94E-02	5.81E-06	1.15E+01	9.65E-06	8.81E-04	8.84E-03	1.77E-03	6.30E-01	1.31E+00
2044-09-01	18	41.1	16.3	0.77	0.0353	3.97	0.435	0.0265	0.00105	4.03E-06	4.78E-01	5.14E-06	1.80E-03	6.97E-03	3.15E-04	3.58E-02	6.90E-06	1.38E+01	8.17E-06	8.41E-04	8.89E-03	1.49E-03	6.60E-01	1.31E+00
2044-10-01	18	34.3	18.6	0.6	0.0309	4.04	0.443	0.0284	0.000738	4.20E-06	4.80E-01	5.14E-06	1.32E-03	7.12E-03	3.88E-04	3.05E-02	7.54E-06	1.47E+01	6.83E-06	8.08E-04	8.92E-03	1.27E-03	6.77E-01	1.23E+00
2044-11-01	18	32.4	20.6	0.543	0.0297	4.01	0.455	0.0294	0.000591	4.15E-06	4.80E-01	5.14E-06	1.13E-03	7.36E-03	4.48E-04	2.93E-02	7.60E-06	1.51E+01	6.11E-06	7.92E-04	8.92E-03	1.16E-03	6.85E-01	1.22E+00
2044-12-01	18	32.1	20.9	0.532	0.0293	3.9	0.452	0.029	0.000553	4.01E-06	4.79E-01	5.13E-06	1.09E-03	7.35E-03	4.61E-04	2.91E-02	7.37E-06	1.48E+01	5.82E-06	7.88E-04	8.92E-03	1.13E-03	6.83E-01	1.20E+00
2045-01-01	19	31.9	20.8	0.528	0.0291	3.87	0.448	0.0287	0.000548	3.98E-06	4.79E-01	5.13E-06	1.08E-03	7.29E-03	4.57E-04	2.89E-02	7.32E-06	1.47E+01	5.78E-06	7.87E-04	8.91E-03	1.13E-03	6.83E-01	1.19E+00
2045-02-01	19	31.8	20.7	0.527	0.0291	3.86	0.447	0.0287	0.000547	3.98E-06	4.79E-01	5.13E-06	1.08E-03	7.29E-03	4.57E-04	2.88E-02	7.31E-06	1.47E+01	5.78E-06	7.87E-04	8.91E-03	1.13E-03	6.82E-01	1.19E+00
2045-03-01	19	31.8	20.7	0.526	0.029	3.86	0.447	0.0287	0.000546	3.97E-06	4.79E-01	5.13E-06	1.08E-03	7.28E-03	4.56E-04	2.88E-02	7.30E-06	1.46E+01	5.77E-06	7.87E-04	8.91E-03	1.13E-03	6.82E-01	1.19E+00
2045-04-01	19	31.4	20.5	0.521	0.0287	3.82	0.442	0.0284	0.000541	3.93E-06	4.78E-01	5.13E-06	1.07E-03	7.21E-03	4.51E-04	2.85E-02	7.24E-06	1.45E+01	5.71E-06	7.87E-04	8.91E-03	1.12E-03	6.81E-01	1.18E+00
2045-05-01	19	27.2	19.7	0.438	0.0259	3.95	0.436	0.0291	0.000446	4.22E-06	4.80E-01	5.14E-06	8.98E-04	7.11E-03	4.79E-04	2.48E-02	7.87E-06	1.52E+01	5.48E-06	7.76E-04	8.94E-03	1.05E-03	6.90E-01	1.13E+00
2045-06-01	19	23.4	17	0.377	0.0224	3.41	0.376	0.0251	0.000384	3.71E-06	4.77E-01	5.12E-06	7.80E-04	6.27E-03	4.13E-04	2.14E-02	6.97E-06	1.32E+01	4.82E-06	7.70E-04	8.90E-03	1.01E-03	6.74E-01	9.81E-01
2045-07-01	19	21.1	15.3	0.339	0.0201	3.07	0.338	0.0226	0.000346	3.38E-06	4.75E-01	5.11E-06	7.05E-04	5.74E-03	3.72E-04	1.93E-02	6.39E-06	1.19E+01	4.40E-06	7.66E-04	8.88E-03	9.80E-04	6.64E-01	8.86E-01
2045-08-01	19	19.5	14.1	0.314	0.0186	2.84	0.313	0.0209	0.00032	3.17E-06	4.74E-01	5.10E-06	6.55E-04	5.39E-03	3.44E-04	1.78E-02	6.01E-06	1.10E+01	4.12E-06	7.63E-04	8.87E-03	9.61E-04	6.58E-01	8.22E-01
2045-09-01	19	23.4	18	0.371	0.0224	3.45	0.389	0.0261	0.000338	3.73E-06	4.77E-01	5.12E-06	7.70E-04	6.54E-03	4.85E-04	2.15E-02	7.06E-06	1.36E+01	4.62E-06	7.65E-04	8.91E-03	9.76E-04	6.79E-01	1.00E+00
2045-10-01	19	23.9	18.9	0.377	0.0232	3.72	0.415	0.0281	0.00034	4.03E-06	4.79E-01	5.13E-06	7.96E-04	6.92E-03	5.40E-04	2.20E-02	7.62E-06</							

TMF NW Pond - 10ppm TSS

Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2049-07-01	23	15.9	11.7	0.291	0.0154	2.85	0.316	0.0226	0.000249	3.35E-06	4.75E-01	5.10E-06	9.35E-04	6.11E-03	7.66E-04	1.44E-02	6.42E-06	1.22E+01	3.91E-06	7.55E-04	8.89E-03	9.10E-04	6.72E-01	8.41E-01
2049-08-01	23	14.7	10.8	0.269	0.0143	2.64	0.292	0.0209	0.00023	3.13E-06	4.74E-01	5.10E-06	8.68E-04	5.73E-03	7.09E-04	1.33E-02	6.03E-06	1.13E+01	3.67E-06	7.53E-04	8.87E-03	8.96E-04	6.65E-01	7.81E-01
2049-09-01	23	18.5	13.5	0.344	0.0177	3.21	0.364	0.0259	0.000279	3.69E-06	4.77E-01	5.12E-06	1.13E-03	7.00E-03	9.45E-04	1.67E-02	7.03E-06	1.39E+01	4.30E-06	7.59E-04	8.91E-03	9.32E-04	6.86E-01	9.71E-01
2049-10-01	23	19.4	14	0.366	0.0187	3.5	0.391	0.028	0.000306	4.01E-06	4.79E-01	5.13E-06	1.23E-03	7.45E-03	1.02E-03	1.75E-02	7.61E-06	1.51E+01	4.67E-06	7.62E-04	8.93E-03	9.53E-04	6.95E-01	1.04E+00
2049-11-01	23	20.8	14.9	0.393	0.0197	3.56	0.41	0.0291	0.000308	4.02E-06	4.79E-01	5.13E-06	1.33E-03	7.84E-03	1.12E-03	1.87E-02	7.65E-06	1.55E+01	4.69E-06	7.62E-04	8.93E-03	9.54E-04	6.99E-01	1.09E+00
2049-12-01	23	21	15.1	0.398	0.0197	3.46	0.407	0.0288	0.000297	3.89E-06	4.79E-01	5.12E-06	1.34E-03	7.86E-03	1.14E-03	1.90E-02	7.41E-06	1.53E+01	4.54E-06	7.61E-04	8.92E-03	9.46E-04	6.98E-01	1.09E+00
2050-01-01	24	20.8	15	0.395	0.0196	3.44	0.404	0.0285	0.000294	3.86E-06	4.78E-01	5.12E-06	1.33E-03	7.80E-03	1.13E-03	1.88E-02	7.36E-06	1.52E+01	4.51E-06	7.60E-04	8.92E-03	9.44E-04	6.97E-01	1.08E+00
2050-02-01	24	20.8	14.9	0.394	0.0195	3.43	0.404	0.0285	0.000294	3.86E-06	4.78E-01	5.12E-06	1.33E-03	7.80E-03	1.13E-03	1.88E-02	7.35E-06	1.51E+01	4.50E-06	7.60E-04	8.92E-03	9.44E-04	6.96E-01	1.08E+00
2050-03-01	24	20.8	14.9	0.394	0.0195	3.43	0.403	0.0285	0.000293	3.86E-06	4.78E-01	5.12E-06	1.33E-03	7.78E-03	1.13E-03	1.88E-02	7.34E-06	1.51E+01	4.50E-06	7.60E-04	8.92E-03	9.43E-04	6.96E-01	1.08E+00
2050-04-01	24	20.6	14.8	0.39	0.0193	3.39	0.399	0.0282	0.00029	3.82E-06	4.78E-01	5.12E-06	1.32E-03	7.71E-03	1.12E-03	1.86E-02	7.28E-06	1.50E+01	4.46E-06	7.60E-04	8.92E-03	9.41E-04	6.95E-01	1.06E+00
2050-05-01	24	19.5	13.8	0.376	0.0188	3.62	0.401	0.029	0.00032	4.16E-06	4.80E-01	5.13E-06	1.32E-03	7.71E-03	1.11E-03	1.74E-02	7.90E-06	1.57E+01	4.85E-06	7.63E-04	8.94E-03	9.63E-04	7.00E-01	1.07E+00
2050-06-01	24	16.8	11.9	0.325	0.0162	3.13	0.346	0.025	0.000276	3.66E-06	4.77E-01	5.12E-06	1.14E-03	6.79E-03	9.57E-04	1.51E-02	6.98E-06	1.36E+01	4.27E-06	7.58E-04	8.91E-03	9.30E-04	6.83E-01	9.29E-01
2050-07-01	24	15.1	10.7	0.292	0.0146	2.81	0.311	0.0225	0.000248	3.34E-06	4.75E-01	5.10E-06	1.03E-03	6.21E-03	8.61E-04	1.36E-02	6.41E-06	1.22E+01	3.91E-06	7.55E-04	8.89E-03	9.10E-04	6.73E-01	8.39E-01
2050-08-01	24	14	9.91	0.27	0.0135	2.6	0.288	0.0208	0.00023	3.13E-06	4.74E-01	5.10E-06	9.56E-04	5.82E-03	7.97E-04	1.26E-02	6.02E-06	1.14E+01	3.66E-06	7.53E-04	8.87E-03	8.96E-04	6.65E-01	7.79E-01
2050-09-01	24	17.6	12.3	0.346	0.0168	3.17	0.36	0.0259	0.000279	3.69E-06	4.77E-01	5.12E-06	1.25E-03	7.13E-03	1.06E-03	1.58E-02	7.04E-06	1.40E+01	4.31E-06	7.59E-04	8.91E-03	9.32E-04	6.87E-01	9.71E-01
2050-10-01	24	18.5	12.8	0.368	0.0178	3.45	0.386	0.028	0.000306	4.01E-06	4.79E-01	5.13E-06	1.33E-03	7.58E-03	1.14E-03	1.65E-02	7.61E-06	1.52E+01	4.67E-06	7.62E-04	8.93E-03	9.53E-04	6.97E-01	1.03E+00
2050-11-01	24	19.8	13.6	0.395	0.0187	3.51	0.404	0.0291	0.000308	4.02E-06	4.79E-01	5.13E-06	1.46E-03	7.99E-03	1.25E-03	1.77E-02	7.65E-06	1.56E+01	4.69E-06	7.62E-04	8.93E-03	9.54E-04	7.01E-01	1.09E+00
2050-12-01	24	20	13.7	0.4	0.0186	3.41	0.402	0.0288	0.000297	3.89E-06	4.79E-01	5.12E-06	1.47E-03	8.01E-03	1.27E-03	1.79E-02	7.41E-06	1.54E+01	4.54E-06	7.61E-04	8.92E-03	9.46E-04	6.99E-01	1.09E+00
2051-01-01	25	19.8	13.6	0.397	0.0185	3.38	0.398	0.0285	0.000294	3.86E-06	4.78E-01	5.12E-06	1.46E-03	7.95E-03	1.26E-03	1.78E-02	7.36E-06	1.53E+01	4.51E-06	7.60E-04	8.92E-03	9.44E-04	6.98E-01	1.08E+00
2051-02-01	25	19.8	13.6	0.396	0.0185	3.38	0.398	0.0285	0.000294	3.86E-06	4.78E-01	5.12E-06	1.46E-03	7.94E-03	1.26E-03	1.77E-02	7.35E-06	1.52E+01	4.50E-06	7.60E-04	8.92E-03	9.44E-04	6.98E-01	1.08E+00
2051-03-01	25	19.8	13.6	0.395	0.0184	3.37	0.397	0.0284	0.000293	3.86E-06	4.78E-01	5.12E-06	1.46E-03	7.93E-03	1.26E-03	1.77E-02	7.34E-06	1.52E+01	4.50E-06	7.60E-04	8.92E-03	9.43E-04	6.98E-01	1.07E+00
2051-04-01	25	19.6	13.4	0.391	0.0183	3.34	0.393	0.0282	0.00029	3.82E-06	4.78E-01	5.12E-06	1.44E-03	7.86E-03	1.25E-03	1.75E-02	7.28E-06	1.51E+01	4.46E-06	7.60E-04	8.92E-03	9.41E-04	6.97E-01	1.06E+00
2051-05-01	25	18.5	12.5	0.378	0.0178	3.57	0.396	0.029	0.00032	4.16E-06	4.80E-01	5.13E-06	1.44E-03	7.85E-03	1.23E-03	1.65E-02	7.90E-06	1.57E+01	4.85E-06	7.63E-04	8.94E-03	9.63E-04	7.02E-01	1.07E+00
2051-06-01	25	16	10.8	0.326	0.0154	3.08	0.342	0.025	0.000276	3.66E-06	4.77E-01	5.12E-06	1.25E-03	6.91E-03	1.06E-03	1.42E-02	6.98E-06	1.36E+01	4.27E-06	7.58E-04	8.91E-03	9.30E-04	6.85E-01	9.28E-01
2051-07-01	25	14.4	9.71	0.293	0.0138	2.77	0.307	0.0225	0.000248	3.34E-06	4.75E-01	5.10E-06	1.13E-03	6.31E-03	9.57E-04	1.28E-02	6.41E-06	1.23E+01	3.91E-06	7.55E-04	8.89E-03	9.10E-04	6.74E-01	8.38E-01
2051-08-01	25	13.3	8.99	0.271	0.0128	2.57	0.284	0.0208	0.00023	3.13E-06	4.74E-01	5.10E-06	1.05E-03	5.92E-03	8.85E-04	1.19E-02	6.02E-06	1.14E+01	3.66E-06	7.53E-04	8.87E-03	8.96E-04	6.67E-01	7.78E-01
2051-09-01	25	16.8	11.1	0.348	0.0159	3.14	0.356	0.026	0.00028	3.70E-06	4.77E-01	5.12E-06	1.37E-03	7.28E-03	1.18E-03	1.49E-02	7.07E-06	1.41E+01	4.32E-06	7.59E-04	8.91E-03	9.33E-04	6.89E-01	9.73E-01
2051-10-01	25	17.6	11.6	0.37	0.0168	3.42	0.381	0.0281	0.000307	4.01E-06	4.79E-01	5.13E-06	1.47E-03	7.73E-03	1.27E-03	1.56E-02	7.63E-06	1.53E+01	4.68E-06	7.62E-04	8.93E-03	9.54E-04	6.98E-01	1.03E+00
2051-11-01	25	18.8	12.2	0.398	0.0176	3.47	0.399	0.0292	0.000309	4.03E-06	4.79E-01	5.13E-06	1.59E-03	8.14E-03	1.38E-03	1.66E-02	7.66E-06	1.58E+01	4.70E-06	7.62E-04	8.93E-03	9.55E-04	7.03E-01	1.09E+00
2051-12-01	25	19	12.4	0.402	0.0176	3.37	0.396	0.0288	0.000297	3.90E-06	4.79E-01	5.12E-06	1.61E-03	8.16E-03	1.41E-03	1.69E-02	7.42E-06	1.55E+01	4.55E-06	7.61E-04	8.92E-03	9.46E-04	7.01E-01	1.08E+00
2052-01-01	26	18.8	12.3	0.399	0.0175	3.34	0.393	0.0286	0.000295	3.87E-06	4.78E-01	5.12E-06	1.60E-03	8.10E-03	1.40E-03	1.67E-02	7.37E-06	1.54E+01	4.52E-06	7.60E-04	8.92E-03	9.44E-04	7.00E-01	1.08E+00
2052-02-01	26	18.8	12.2	0.399	0.0174	3.33	0.393	0.0285	0.000294	3.87E-06	4.78E-01	5.12E-06	1.59E-03	8.09E-03	1.40E-03	1.67E-02	7.36E-06	1.54E+01	4.51E-06	7.60E-04	8.92E-03	9.44E-04	7.00E-01	1.07E+00
2052-03-01	26	18.8	12.2	0.398	0.0174	3.33	0.392	0.0285	0.000294	3.86E-06	4.78E-01	5.12E-06	1.59E-03	8.08E-03	1.39E-03	1.67E-02	7.35E-06	1.53E+01	4.50E-06	7.60E-04	8.92E-03	9.44E-04	7.00E-01	1.07E+00
2052-04-01	26	18.6	12.1	0.394	0.0172	3.29	0.388	0.0282	0.000291	3.83E-06	4.78E-01	5.12E-06	1.58E-03	8.01E-03	1.38E-03	1.65E-02	7.29E-06	1.52E+01	4.47E-06	7.60E-04	8.92E-03	9.41E-04	6.98E-01	1.06E+00
2052-05-01	26	17.6	11.2	0.38	0.0169	3.53	0.391	0.0291	0.00032	4.16E-06	4.80E-01	5.13E-06	1.57E-03	7.98E-03	1.36E-03	1.55E-02	7.90E-06	1.59E+01	4.85E-06	7.63E-04	8.94E-03	9.63E-04	7.03E-01	1.06E+00
2052-06-01	26	15.2	9.7	0.328	0.0145	3.04	0.337	0.0251	0.000276	3.66E-06	4.77E-01	5.12E-06	1.36E-03	7.02E-03	1.17E-03	1.34E-02	6.99E-06	1.37E+01	4.28E-06	7.58E-04	8.91E-03	9.31E-04	6.86E-01	9.27E-01
2052-07-01	26	13.7	8.73	0.295	0.0131	2.74	0.303	0.0225	0.000248	3.34E-06	4.75E-01	5.10E-06	1.23E-03	6.42E-03	1.05E-03	1.20E-02	6.41E-06	1.24E+01	3.91E-06	7.55E-04	8.89E-03	9.10E-04	6.75E-01	8.37E-01
2052-08-01	26	12.6	8.07	0.273	0.0121	2.53	0.281	0.0209	0.00023	3.13E-06	4.74E-01	5.10E-06	1.14E-03	6.01E-03	9.75E-04	1.12E-02	6.03E-06	1.15E+01	3.67E-06	7.53E-04	8.87E-03	8.96E-04	6.68E-01	7.77E-01
2052-09-01	26	16	10	0.352	0.0151	3.12	0.353	0.0262	0.000282	3.73E-06	4.77E-01	5.12E-06	1.49E-03	7.43E-03	1.30E-03	1.41E-02	7.11E-06	1.43E+01	4.36E-06	7.59E-04	8.91E-03	9.35E-04	6.91E-01	9.78E-01
2052-10-01	26	16.7	10.3	0.373	0.0159	3.38	0.378	0.0282	0.000309	4.03E-06	4.79E-01	5.13E-06	1.60E-03	7.87E-03										

TMF NW Pond - 10ppm TSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
TMF NW Pond Statistics (Year 1 to Year																					
Minimum		0.00016237	2.092	0.01116	0.0001631	0.065	0.1843	0.008612	0.0000329	0.00001686	0.00002137	0.0016813	0.003229	0.0152141	0.000000486	0.00004441	0.000961	0.00002729	0.00007241	0.000931	0.00196
P10		0.00280877	21.758	0.0234	0.0017751	0.16178	3.9883	0.01033	0.00006068	0.0002332	0.00002577	0.0577413	0.037719	0.01521782	0.000001857	0.00005593	0.000994	0.00061949	0.0003363	0.002992	0.01235
Median		0.00531677	39.938	0.0432	0.0053951	0.5304	4.5683	0.01293	0.0006333	0.0003872	0.00099317	0.2210613	0.072479	0.01628	0.000002737	0.00413151	0.005517	0.00087549	0.0006079	0.01422	0.02265
P90		0.00805477	49.918	0.05558	0.0060151	1.3834	5.5783	0.01373	0.0007447	0.0004462	0.00127517	0.3868613	0.091139	0.016508	0.000002917	0.00484951	0.006807	0.00162049	0.0010459	0.01632	0.03145
Maximum		0.01038677	51.238	0.0602	0.0073451	1.5534	5.8783	0.0139	0.0008873	0.0004722	0.00129517	0.5670613	0.110879	0.01688	0.000003087	0.00629151	0.008407	0.00194249	0.0014149	0.01982	0.03275
Monthly Results																					
2027-02-01	1	1.62E-04	2.09E+00	1.12E-02	1.63E-04	6.50E-02	1.84E-01	8.61E-03	3.29E-05	1.69E-05	3.05E-05	1.68E-03	3.23E-03	1.52E-02	4.86E-07	1.36E-04	9.99E-04	2.73E-05	7.24E-05	9.31E-04	1.96E-03
2027-03-01	1	2.83E-04	3.62E+00	1.29E-02	4.14E-04	6.76E-02	3.68E-01	8.79E-03	6.26E-05	3.07E-05	7.09E-05	4.27E-03	6.99E-03	1.53E-02	5.64E-07	3.50E-04	1.26E-03	6.68E-05	8.44E-05	1.59E-03	2.77E-03
2027-04-01	1	8.24E-04	1.04E+01	2.05E-02	1.55E-03	7.90E-02	1.20E+00	9.59E-03	1.95E-04	9.26E-05	2.52E-04	1.59E-02	2.38E-02	1.56E-02	9.15E-07	1.31E-03	2.42E-03	2.44E-04	1.38E-04	4.52E-03	6.42E-03
2027-05-01	1	8.05E-03	2.72E+01	4.37E-02	4.01E-03	6.49E-01	3.58E+00	1.15E-02	5.37E-04	2.77E-04	6.64E-04	4.41E-01	6.51E-02	1.61E-02	2.20E-06	3.38E-03	5.04E-03	1.48E-03	1.11E-03	1.17E-02	1.58E-02
2027-06-01	1	4.83E-03	4.00E+01	5.48E-02	6.35E-03	2.80E-01	4.88E+00	1.30E-02	7.76E-04	3.70E-04	1.03E-03	1.78E-01	9.68E-02	1.67E-02	2.56E-06	5.39E-03	7.37E-03	1.24E-03	6.08E-04	1.72E-02	2.24E-02
2027-07-01	1	4.14E-03	4.36E+01	5.81E-02	7.00E-03	1.97E-01	5.26E+00	1.35E-02	8.44E-04	3.98E-04	1.13E-03	1.18E-01	1.06E-01	1.68E-02	2.67E-06	5.95E-03	8.02E-03	1.20E-03	4.97E-04	1.88E-02	2.43E-02
2027-08-01	1	9.73E-03	3.76E+01	5.60E-02	5.72E-03	7.14E-01	4.85E+00	1.27E-02	7.47E-04	3.78E-04	9.41E-04	5.16E-01	9.02E-02	1.65E-02	2.80E-06	4.84E-03	6.81E-03	1.87E-03	1.31E-03	1.63E-02	2.13E-02
2027-09-01	1	1.00E-02	3.76E+01	5.61E-02	5.67E-03	7.78E-01	4.92E+00	1.27E-02	7.42E-04	3.77E-04	9.31E-04	5.35E-01	9.08E-02	1.65E-02	2.81E-06	4.78E-03	6.75E-03	1.91E-03	1.35E-03	1.62E-02	2.15E-02
2027-10-01	1	1.04E-02	3.64E+01	5.51E-02	5.43E-03	8.30E-01	4.81E+00	1.25E-02	7.17E-04	3.68E-04	8.93E-04	5.67E-01	8.78E-02	1.64E-02	2.78E-06	4.57E-03	6.50E-03	1.94E-03	1.41E-03	1.56E-02	2.09E-02
2027-11-01	1	1.01E-02	3.67E+01	5.52E-02	5.48E-03	8.28E-01	4.87E+00	1.26E-02	7.19E-04	3.67E-04	8.99E-04	5.46E-01	8.91E-02	1.64E-02	2.76E-06	4.61E-03	6.54E-03	1.90E-03	1.37E-03	1.57E-02	2.12E-02
2027-12-01	1	8.61E-03	3.86E+01	5.59E-02	5.86E-03	6.94E-01	5.02E+00	1.28E-02	7.49E-04	3.74E-04	9.55E-04	4.36E-01	9.40E-02	1.65E-02	2.73E-06	4.93E-03	6.90E-03	1.72E-03	1.14E-03	1.64E-02	2.22E-02
2028-01-01	2	8.16E-03	3.92E+01	5.63E-02	5.99E-03	6.44E-01	5.06E+00	1.29E-02	7.61E-04	3.77E-04	9.76E-04	4.03E-01	9.55E-02	1.66E-02	2.73E-06	5.05E-03	7.03E-03	1.67E-03	1.08E-03	1.67E-02	2.25E-02
2028-02-01	2	8.07E-03	3.94E+01	5.64E-02	6.02E-03	6.33E-01	5.07E+00	1.29E-02	7.64E-04	3.78E-04	9.81E-04	3.97E-01	9.59E-02	1.66E-02	2.73E-06	5.08E-03	7.06E-03	1.66E-03	1.06E-03	1.68E-02	2.26E-02
2028-03-01	2	7.92E-03	3.96E+01	5.66E-02	6.08E-03	6.17E-01	5.09E+00	1.29E-02	7.69E-04	3.80E-04	9.90E-04	3.86E-01	9.65E-02	1.66E-02	2.74E-06	5.13E-03	7.12E-03	1.64E-03	1.05E-03	1.69E-02	2.27E-02
2028-04-01	2	7.26E-03	4.08E+01	5.73E-02	6.31E-03	5.41E-01	5.17E+00	1.31E-02	7.90E-04	3.87E-04	1.03E-03	3.37E-01	9.92E-02	1.66E-02	2.74E-06	5.34E-03	7.35E-03	1.57E-03	9.48E-04	1.74E-02	2.32E-02
2028-05-01	2	9.81E-03	3.61E+01	5.42E-02	5.40E-03	7.68E-01	4.76E+00	1.25E-02	7.09E-04	3.63E-04	8.94E-04	5.26E-01	8.67E-02	1.64E-02	2.72E-06	4.55E-03	6.46E-03	1.85E-03	1.32E-03	1.55E-02	2.06E-02
2028-06-01	2	5.32E-03	4.27E+01	5.77E-02	6.74E-03	3.14E-01	5.21E+00	1.33E-02	8.25E-04	3.94E-04	1.11E-03	2.01E-01	1.03E-01	1.67E-02	2.71E-06	5.72E-03	7.77E-03	1.34E-03	6.68E-04	1.83E-02	2.38E-02
2028-07-01	2	4.34E-03	4.48E+01	5.92E-02	7.15E-03	2.10E-01	5.40E+00	1.36E-02	8.64E-04	4.07E-04	1.17E-03	1.28E-01	1.08E-01	1.68E-02	2.73E-06	6.09E-03	8.19E-03	1.24E-03	5.22E-04	1.92E-02	2.48E-02
2028-08-01	2	9.71E-03	3.82E+01	5.64E-02	5.78E-03	7.06E-01	4.93E+00	1.28E-02	7.53E-04	3.83E-04	9.59E-04	5.12E-01	9.10E-02	1.65E-02	2.83E-06	4.89E-03	6.87E-03	1.87E-03	1.30E-03	1.65E-02	2.14E-02
2028-09-01	2	9.95E-03	3.81E+01	5.63E-02	5.72E-03	7.63E-01	4.98E+00	1.27E-02	7.45E-04	3.80E-04	9.46E-04	5.28E-01	9.12E-02	1.65E-02	2.82E-06	4.82E-03	6.79E-03	1.90E-03	1.34E-03	1.63E-02	2.16E-02
2028-10-01	2	1.03E-02	3.67E+01	5.51E-02	5.46E-03	8.11E-01	4.86E+00	1.26E-02	7.19E-04	3.70E-04	9.05E-04	5.58E-01	8.79E-02	1.64E-02	2.78E-06	4.60E-03	6.52E-03	1.92E-03	1.39E-03	1.57E-02	2.09E-02
2028-11-01	2	1.01E-02	3.69E+01	5.50E-02	5.49E-03	8.12E-01	4.91E+00	1.26E-02	7.18E-04	3.68E-04	9.07E-04	5.38E-01	8.88E-02	1.64E-02	2.76E-06	4.61E-03	6.53E-03	1.88E-03	1.35E-03	1.57E-02	2.12E-02
2028-12-01	2	8.57E-03	3.88E+01	5.58E-02	5.86E-03	6.82E-01	5.05E+00	1.28E-02	7.48E-04	3.75E-04	9.63E-04	4.31E-01	9.37E-02	1.65E-02	2.73E-06	4.93E-03	6.89E-03	1.			

TMF NW Pond - 10ppm TSS

Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2032-04-01	6	5.69E-03	4.18E+01	5.10E-02	5.81E-03	4.29E-01	4.91E+00	1.30E-02	7.09E-04	3.98E-04	1.04E-03	2.42E-01	8.74E-02	1.65E-02	2.75E-06	4.76E-03	6.52E-03	1.28E-03	7.28E-04	1.58E-02	2.45E-02
2032-05-01	6	4.69E-03	4.21E+01	4.43E-02	5.23E-03	3.44E-01	4.18E+00	1.29E-02	6.28E-04	4.03E-04	1.04E-03	1.96E-01	7.29E-02	1.63E-02	2.75E-06	4.08E-03	5.56E-03	1.09E-03	6.14E-04	1.40E-02	2.66E-02
2032-06-01	6	2.62E-03	4.63E+01	4.43E-02	5.72E-03	1.42E-01	3.95E+00	1.34E-02	6.68E-04	4.20E-04	1.18E-03	5.52E-02	7.62E-02	1.64E-02	2.76E-06	4.43E-03	5.86E-03	8.51E-04	3.25E-04	1.50E-02	3.00E-02
2032-07-01	6	4.82E-03	4.28E+01	4.30E-02	5.11E-03	3.33E-01	4.03E+00	1.30E-02	6.16E-04	4.17E-04	1.06E-03	2.12E-01	6.88E-02	1.62E-02	2.84E-06	3.92E-03	5.33E-03	1.10E-03	6.44E-04	1.37E-02	2.75E-02
2032-08-01	6	4.96E-03	4.24E+01	4.28E-02	5.04E-03	3.50E-01	4.03E+00	1.29E-02	6.08E-04	4.15E-04	1.05E-03	2.21E-01	6.80E-02	1.62E-02	2.83E-06	3.86E-03	5.26E-03	1.11E-03	6.63E-04	1.35E-02	2.73E-02
2032-09-01	6	4.50E-03	4.37E+01	4.33E-02	5.22E-03	3.09E-01	4.04E+00	1.31E-02	6.24E-04	4.20E-04	1.08E-03	1.88E-01	7.01E-02	1.63E-02	2.84E-06	4.00E-03	5.40E-03	1.06E-03	5.95E-04	1.39E-02	2.81E-02
2032-10-01	6	4.32E-03	4.39E+01	4.33E-02	5.25E-03	2.98E-01	4.03E+00	1.31E-02	6.26E-04	4.20E-04	1.09E-03	1.75E-01	7.06E-02	1.63E-02	2.83E-06	4.03E-03	5.43E-03	1.04E-03	5.70E-04	1.40E-02	2.84E-02
2032-11-01	6	3.91E-03	4.47E+01	4.35E-02	5.38E-03	2.60E-01	4.02E+00	1.32E-02	6.37E-04	4.22E-04	1.12E-03	1.46E-01	7.19E-02	1.63E-02	2.83E-06	4.13E-03	5.53E-03	9.97E-04	5.11E-04	1.42E-02	2.89E-02
2032-12-01	6	3.62E-03	4.55E+01	4.39E-02	5.50E-03	2.32E-01	4.02E+00	1.33E-02	6.49E-04	4.25E-04	1.14E-03	1.25E-01	7.33E-02	1.63E-02	2.83E-06	4.22E-03	5.63E-03	9.68E-04	4.69E-04	1.45E-02	2.95E-02
2033-01-01	7	3.86E-03	5.06E+01	4.76E-02	6.13E-03	2.36E-01	4.44E+00	1.39E-02	7.21E-04	4.71E-04	1.27E-03	1.29E-01	8.16E-02	1.64E-02	3.09E-06	4.71E-03	6.18E-03	1.05E-03	4.92E-04	1.61E-02	3.27E-02
2033-02-01	7	3.80E-03	5.06E+01	4.75E-02	6.13E-03	2.31E-01	4.42E+00	1.39E-02	7.20E-04	4.70E-04	1.27E-03	1.25E-01	8.15E-02	1.64E-02	3.08E-06	4.71E-03	6.18E-03	1.05E-03	4.84E-04	1.61E-02	3.27E-02
2033-03-01	7	3.71E-03	5.05E+01	4.74E-02	6.13E-03	2.23E-01	4.40E+00	1.39E-02	7.20E-04	4.69E-04	1.28E-03	1.19E-01	8.15E-02	1.64E-02	3.07E-06	4.72E-03	6.19E-03	1.03E-03	4.71E-04	1.61E-02	3.27E-02
2033-04-01	7	3.30E-03	5.03E+01	4.70E-02	6.13E-03	1.87E-01	4.31E+00	1.39E-02	7.16E-04	4.62E-04	1.28E-03	9.24E-02	8.11E-02	1.64E-02	3.02E-06	4.72E-03	6.18E-03	9.79E-04	4.14E-04	1.60E-02	3.26E-02
2033-05-01	7	4.06E-03	4.44E+01	4.32E-02	5.30E-03	2.78E-01	4.03E+00	1.32E-02	6.30E-04	4.20E-04	1.11E-03	1.56E-01	7.11E-02	1.63E-02	2.82E-06	4.07E-03	5.46E-03	1.01E-03	5.31E-04	1.41E-02	2.87E-02
2033-06-01	7	2.45E-03	4.71E+01	4.40E-02	5.74E-03	1.23E-01	3.90E+00	1.35E-02	6.68E-04	4.25E-04	1.21E-03	4.42E-02	7.57E-02	1.64E-02	2.78E-06	4.43E-03	5.84E-03	8.30E-04	3.02E-04	1.50E-02	3.06E-02
2033-07-01	7	4.76E-03	4.32E+01	4.29E-02	5.11E-03	3.23E-01	4.03E+00	1.30E-02	6.15E-04	4.19E-04	1.08E-03	2.07E-01	6.85E-02	1.62E-02	2.83E-06	3.92E-03	5.31E-03	1.09E-03	6.34E-04	1.37E-02	2.77E-02
2033-08-01	7	4.92E-03	4.27E+01	4.26E-02	5.04E-03	3.43E-01	4.04E+00	1.30E-02	6.08E-04	4.17E-04	1.06E-03	2.18E-01	6.77E-02	1.62E-02	2.84E-06	3.86E-03	5.25E-03	1.11E-03	6.57E-04	1.35E-02	2.74E-02
2033-09-01	7	4.47E-03	4.39E+01	4.32E-02	5.22E-03	3.04E-01	4.05E+00	1.31E-02	6.24E-04	4.21E-04	1.10E-03	1.86E-01	6.99E-02	1.63E-02	2.83E-06	4.00E-03	5.39E-03	1.06E-03	5.91E-04	1.39E-02	2.82E-02
2033-10-01	7	4.31E-03	4.41E+01	4.32E-02	5.25E-03	2.93E-01	4.04E+00	1.31E-02	6.26E-04	4.21E-04	1.10E-03	1.74E-01	7.03E-02	1.63E-02	2.84E-06	4.03E-03	5.42E-03	1.04E-03	5.67E-04	1.40E-02	2.84E-02
2033-11-01	7	3.91E-03	4.49E+01	4.34E-02	5.37E-03	2.57E-01	4.02E+00	1.32E-02	6.36E-04	4.22E-04	1.13E-03	1.45E-01	7.17E-02	1.63E-02	2.83E-06	4.12E-03	5.52E-03	9.95E-04	5.09E-04	1.42E-02	2.90E-02
2033-12-01	7	3.62E-03	4.57E+01	4.38E-02	5.49E-03	2.29E-01	4.02E+00	1.33E-02	6.48E-04	4.26E-04	1.15E-03	1.25E-01	7.31E-02	1.63E-02	2.84E-06	4.22E-03	5.62E-03	9.67E-04	4.67E-04	1.45E-02	2.95E-02
2034-01-01	8	3.86E-03	5.08E+01	4.76E-02	6.13E-03	2.34E-01	4.45E+00	1.39E-02	7.21E-04	4.72E-04	1.29E-03	1.28E-01	8.14E-02	1.64E-02	3.09E-06	4.72E-03	6.18E-03	1.05E-03	4.91E-04	1.61E-02	3.28E-02
2034-02-01	8	3.80E-03	5.08E+01	4.75E-02	6.13E-03	2.29E-01	4.43E+00	1.39E-02	7.21E-04	4.71E-04	1.29E-03	1.24E-01	8.14E-02	1.64E-02	3.09E-06	4.72E-03	6.18E-03	1.05E-03	4.83E-04	1.61E-02	3.28E-02
2034-03-01	8	3.71E-03	5.08E+01	4.74E-02	6.13E-03	2.20E-01	4.41E+00	1.39E-02	7.20E-04	4.70E-04	1.29E-03	1.18E-01	8.13E-02	1.64E-02	3.08E-06	4.72E-03	6.18E-03	1.03E-03	4.70E-04	1.61E-02	3.28E-02
2034-04-01	8	3.30E-03	5.06E+01	4.69E-02	6.12E-03	1.85E-01	4.31E+00	1.39E-02	7.17E-04	4.63E-04	1.29E-03	9.21E-02	8.10E-02	1.64E-02	3.02E-06	4.72E-03	6.18E-03	9.81E-04	4.14E-04	1.60E-02	3.27E-02
2034-05-01	8	4.07E-03	4.47E+01	4.32E-02	5.30E-03	2.75E-01	4.03E+00	1.32E-02	6.30E-04	4.20E-04	1.12E-03	1.56E-01	7.09E-02	1.63E-02	2.82E-06	4.07E-03	5.46E-03	1.01E-03	5.30E-04	1.41E-02	2.87E-02
2034-06-01	8	2.45E-03	4.74E+01	4.39E-02	5.73E-03	1.22E-01	3.90E+00	1.35E-02	6.68E-04	4.25E-04	1.22E-03	4.41E-02	7.56E-02	1.64E-02	2.78E-06	4.44E-03	5.84E-03	8.31E-04	3.02E-04	1.50E-02	3.06E-02
2034-07-01	8	4.76E-03	4.35E+01	4.28E-02	5.11E-03	3.20E-01	4.01E+00	1.30E-02	6.15E-04	4.19E-04	1.09E-03	2.07E-01	6.83E-02	1.62E-02	2.85E-06	3.93E-03	5.31E-03	1.09E-03	6.34E-04	1.37E-02	2.77E-02
2034-08-01	8	4.93E-03	4.30E+01	4.26E-02	5.04E-03	3.40E-01	4.02E+00	1.30E-02	6.08E-04	4.17E-04	1.07E-03	2.18E-01	6.76E-02	1.62E-02	2.84E-06	3.87E-03	5.25E-03	1.11E-03	6.57E-04	1.35E-02	2.74E-02
2034-09-01	8	4.48E-03	4.42E+01	4.31E-02	5.21E-03	3.01E-01	4.03E+00	1.31E-02	6.24E-04	4.21E-04	1.11E-03	1.85E-01	6.97E-02	1.63E-02	2.85E-06	4.01E-03	5.40E-03	1.06E-03	5.91E-04	1.39E-02	2.82E-02
2034-10-01	8	4.32E-03	4.44E+01	4.32E-02	5.25E-03	2.90E-01	4.03E+00	1.32E-02	6.26E-04	4.21E-04	1.12E-03	1.74E-01	7.02E-02	1.63E-02	2.84E-06	4.03E-03	5.42E-03	1.04E-03	5.66E-04	1.40E-02	2.84E-02
2034-11-01	8	3.91E-03	4.52E+01	4.34E-02	5.37E-03	2.54E-01	4.01E+00	1.32E-02	6.37E-04	4.22E-04	1.14E-03	1.45E-01	7.15E-02	1.63E-02	2.83E-06	4.13E-03	5.52E-03	9.97E-04	5.08E-04	1.42E-02	2.90E-02
2034-12-01	8	3.63E-03	4.60E+01	4.38E-02	5.49E-03	2.27E-01	4.02E+00	1.33E-02	6.48E-04	4.26E-04	1.17E-03	1.24E-01	7.29E-02	1.63E-02	2.84E-06	4.23E-03	5.63E-03	9.69E-04	4.67E-04	1.45E-02	2.95E-02
2035-01-01	9	3.87E-03	5.12E+01	4.75E-02	6.12E-03	2.31E-01	4.44E+00	1.39E-02	7.21E-04	4.72E-04	1.30E-03	1.28E-01	8.13E-02	1.64E-02	3.09E-06	4.73E-03	6.18E-03	1.06E-03	4.90E-04	1.61E-02	3.28E-02
2035-02-01	9	3.81E-03	5.11E+01	4.75E-02	6.12E-03	2.26E-01	4.42E+00	1.39E-02	7.21E-04	4.71E-04	1.30E-03	1.24E-01	8.12E-02	1.64E-02	3.09E-06	4.73E-03	6.18E-03	1.05E-03	4.82E-04	1.61E-02	3.28E-02
2035-03-01	9	3.71E-03	5.11E+01	4.74E-02	6.12E-03	2.18E-01	4.40E+00	1.39E-02	7.20E-04	4.70E-04	1.30E-03	1.18E-01	8.12E-02	1.64E-02	3.08E-06	4.73E-03	6.18E-03	1.04E-03	4.69E-04	1.61E-02	3.28E-02
2035-04-01	9	3.30E-03	5.09E+01	4.69E-02	6.11E-03	1.84E-01	4.31E+00	1.39E-02	7.17E-04	4.63E-04	1.30E-03	9.19E-02	8.09E-02	1.64E-02	3.02E-06	4.73E-03	6.18E-03	9.82E-04	4.13E-04	1.60E-02	3.27E-02
2035-05-01	9	4.08E-03	4.49E+01	4.32E-02	5.30E-03	2.72E-01	4.02E+00	1.32E-02	6.29E-04	4.20E-04	1.13E-03	1.56E-01	7.08E-02	1.63E-02	2.82E-06	4.08E-03	5.46E-03	1.01E-03	5.30E-04	1.41E-02	2.87E-02
2035-06-01	9	2.45E-03	4.75E+01	4.39E-02	5.72E-03	1.22E-01	3.90E+00	1.35E-02	6.68E-04	4.25E-04	1.23E-03	4.41E-02	7.55E-02	1.64E-02	2.78E-06	4.44E-03	5.84E-03	8.33E-04	3.02E-04	1.50E-02	3.06E-02
2035-07-01	9	2.15E-03	4.85E+01	4.44E-02	5.86E-03	9.23E-02	3.91E+00	1.37E-02	6.82E-04	4.30E-04	1.26E-03	2.24E-02	7.71E-02	1.64E-02	2.79E-06	4.56E-03	5.96E-03	8.05E-04	2.59E-04	1.53E-02	3.13E-02
2035-08-01	9	3.51E-03	4.58E+01	4.34E-02	5.44E-03	2.15E-01	3.97E+00	1.33E-02	6.43E-04	4.22E-04	1.17E-03	1.18E-01	7.22E-02	1.63E-02	2.81E-06	4.20E-03	5.59E-03	9.51E-04	4.52E-04	1.44E-02	2.93E-02
2035-09-01	9	3.35E-03	4.65E+01	4.38E-02	5.54E-03	2.01E-01	3.99E+00	1.34E-02	6.52E-04	4.26E-04	1.19E-03	1.05E-01	7.34E-02	1.63E-02	2.82E-06	4.28E-03	5.67E-03	9.37E-04	4.27E-04	1.46E-02	2.98E-02
2035-10-																					

TMF NW Pond - 10ppm TSS

Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2038-01-01	12	3.15E-03	5.03E+01	4.60E-02	5.98E-03	1.73E-01	4.25E+00	1.38E-02	7.00E-04	4.55E-04	1.29E-03	8.20E-02	7.90E-02	1.64E-02	2.97E-06	4.63E-03	6.06E-03	9.46E-04	3.89E-04	1.57E-02	3.20E-02
2038-02-01	12	3.11E-03	5.03E+01	4.60E-02	5.98E-03	1.70E-01	4.24E+00	1.38E-02	7.00E-04	4.55E-04	1.29E-03	7.96E-02	7.91E-02	1.64E-02	2.97E-06	4.64E-03	6.06E-03	9.42E-04	3.84E-04	1.57E-02	3.20E-02
2038-03-01	12	3.05E-03	5.03E+01	4.59E-02	5.99E-03	1.64E-01	4.23E+00	1.38E-02	7.01E-04	4.54E-04	1.30E-03	7.57E-02	7.91E-02	1.64E-02	2.96E-06	4.64E-03	6.07E-03	9.35E-04	3.76E-04	1.57E-02	3.21E-02
2038-04-01	12	2.79E-03	5.03E+01	4.58E-02	6.01E-03	1.42E-01	4.17E+00	1.38E-02	7.02E-04	4.51E-04	1.30E-03	5.90E-02	7.92E-02	1.64E-02	2.94E-06	4.67E-03	6.09E-03	9.02E-04	3.40E-04	1.57E-02	3.21E-02
2038-05-01	12	3.89E-03	4.48E+01	4.25E-02	5.22E-03	2.51E-01	3.97E+00	1.32E-02	6.18E-04	4.17E-04	1.13E-03	1.42E-01	6.94E-02	1.62E-02	2.80E-06	4.01E-03	5.38E-03	9.73E-04	4.99E-04	1.38E-02	2.82E-02
2038-06-01	12	2.41E-03	4.77E+01	4.37E-02	5.69E-03	1.17E-01	3.88E+00	1.35E-02	6.64E-04	4.24E-04	1.24E-03	4.11E-02	7.50E-02	1.64E-02	2.77E-06	4.43E-03	5.81E-03	8.25E-04	2.94E-04	1.49E-02	3.05E-02
2038-07-01	12	2.13E-03	4.87E+01	4.42E-02	5.84E-03	9.01E-02	3.90E+00	1.37E-02	6.80E-04	4.29E-04	1.27E-03	2.10E-02	7.68E-02	1.64E-02	2.79E-06	4.55E-03	5.95E-03	8.03E-04	2.56E-04	1.53E-02	3.12E-02
2038-08-01	12	3.51E-03	4.61E+01	4.31E-02	5.40E-03	2.10E-01	3.97E+00	1.33E-02	6.38E-04	4.24E-04	1.17E-03	1.16E-01	7.15E-02	1.63E-02	2.82E-06	4.18E-03	5.56E-03	9.45E-04	4.48E-04	1.43E-02	2.91E-02
2038-09-01	12	3.39E-03	4.67E+01	4.35E-02	5.48E-03	2.00E-01	3.99E+00	1.34E-02	6.46E-04	4.27E-04	1.19E-03	1.06E-01	7.26E-02	1.63E-02	2.83E-06	4.24E-03	5.62E-03	9.34E-04	4.29E-04	1.45E-02	2.95E-02
2038-10-01	12	3.55E-03	4.62E+01	4.32E-02	5.41E-03	2.16E-01	3.99E+00	1.33E-02	6.38E-04	4.24E-04	1.17E-03	1.17E-01	7.17E-02	1.63E-02	2.82E-06	4.18E-03	5.56E-03	9.46E-04	4.49E-04	1.43E-02	2.92E-02
2038-11-01	12	3.33E-03	4.66E+01	4.34E-02	5.48E-03	1.98E-01	3.98E+00	1.34E-02	6.45E-04	4.25E-04	1.19E-03	1.02E-01	7.26E-02	1.63E-02	2.82E-06	4.24E-03	5.62E-03	9.23E-04	4.19E-04	1.45E-02	2.95E-02
2038-12-01	12	3.07E-03	4.72E+01	4.36E-02	5.57E-03	1.74E-01	3.98E+00	1.35E-02	6.54E-04	4.27E-04	1.21E-03	8.43E-02	7.37E-02	1.63E-02	2.82E-06	4.32E-03	5.70E-03	8.99E-04	3.83E-04	1.47E-02	2.99E-02
2039-01-01	13	3.14E-03	5.02E+01	4.58E-02	5.95E-03	1.70E-01	4.21E+00	1.38E-02	6.97E-04	4.53E-04	1.29E-03	8.14E-02	7.86E-02	1.64E-02	2.96E-06	4.61E-03	6.03E-03	9.42E-04	3.87E-04	1.56E-02	3.19E-02
2039-02-01	13	3.10E-03	5.02E+01	4.58E-02	5.95E-03	1.67E-01	4.20E+00	1.38E-02	6.97E-04	4.53E-04	1.29E-03	7.89E-02	7.86E-02	1.64E-02	2.96E-06	4.62E-03	6.04E-03	9.37E-04	3.82E-04	1.56E-02	3.19E-02
2039-03-01	13	3.04E-03	5.03E+01	4.58E-02	5.96E-03	1.63E-01	4.19E+00	1.38E-02	6.98E-04	4.52E-04	1.30E-03	7.51E-02	7.87E-02	1.64E-02	2.95E-06	4.63E-03	6.04E-03	9.30E-04	3.74E-04	1.56E-02	3.19E-02
2039-04-01	13	2.78E-03	5.03E+01	4.56E-02	5.98E-03	1.40E-01	4.14E+00	1.38E-02	6.99E-04	4.49E-04	1.30E-03	5.85E-02	7.89E-02	1.64E-02	2.93E-06	4.65E-03	6.07E-03	8.99E-04	3.39E-04	1.57E-02	3.20E-02
2039-05-01	13	3.87E-03	4.49E+01	4.24E-02	5.21E-03	2.46E-01	3.97E+00	1.32E-02	6.16E-04	4.17E-04	1.13E-03	1.40E-01	6.92E-02	1.62E-02	2.80E-06	4.01E-03	5.37E-03	9.68E-04	4.94E-04	1.38E-02	2.81E-02
2039-06-01	13	2.40E-03	4.77E+01	4.36E-02	5.69E-03	1.16E-01	3.88E+00	1.35E-02	6.64E-04	4.24E-04	1.24E-03	4.05E-02	7.49E-02	1.64E-02	2.77E-06	4.43E-03	5.81E-03	8.24E-04	2.93E-04	1.49E-02	3.05E-02
2039-07-01	13	2.13E-03	4.88E+01	4.42E-02	5.83E-03	8.95E-02	3.90E+00	1.37E-02	6.80E-04	4.29E-04	1.28E-03	2.07E-02	7.67E-02	1.64E-02	2.79E-06	4.55E-03	5.95E-03	8.02E-04	2.55E-04	1.53E-02	3.12E-02
2039-08-01	13	3.51E-03	4.61E+01	4.31E-02	5.40E-03	2.07E-01	3.97E+00	1.33E-02	6.37E-04	4.24E-04	1.17E-03	1.16E-01	7.14E-02	1.63E-02	2.82E-06	4.18E-03	5.55E-03	9.42E-04	4.46E-04	1.43E-02	2.90E-02
2039-09-01	13	3.39E-03	4.67E+01	4.34E-02	5.48E-03	1.98E-01	4.00E+00	1.34E-02	6.45E-04	4.27E-04	1.19E-03	1.06E-01	7.25E-02	1.63E-02	2.83E-06	4.24E-03	5.62E-03	9.32E-04	4.27E-04	1.45E-02	2.95E-02
2039-10-01	13	3.54E-03	4.63E+01	4.32E-02	5.41E-03	2.13E-01	4.00E+00	1.33E-02	6.38E-04	4.25E-04	1.17E-03	1.16E-01	7.16E-02	1.63E-02	2.82E-06	4.18E-03	5.55E-03	9.43E-04	4.47E-04	1.43E-02	2.91E-02
2039-11-01	13	3.33E-03	4.67E+01	4.33E-02	5.48E-03	1.96E-01	3.99E+00	1.34E-02	6.44E-04	4.25E-04	1.19E-03	1.01E-01	7.24E-02	1.63E-02	2.82E-06	4.23E-03	5.61E-03	9.21E-04	4.17E-04	1.44E-02	2.94E-02
2039-12-01	13	3.10E-03	4.75E+01	4.38E-02	5.60E-03	1.74E-01	4.00E+00	1.35E-02	6.57E-04	4.30E-04	1.22E-03	8.48E-02	7.40E-02	1.63E-02	2.83E-06	4.34E-03	5.72E-03	9.04E-04	3.85E-04	1.47E-02	3.01E-02
2040-01-01	14	3.10E-03	4.95E+01	4.52E-02	5.85E-03	1.68E-01	4.15E+00	1.37E-02	6.85E-04	4.46E-04	1.27E-03	8.01E-02	7.72E-02	1.64E-02	2.92E-06	4.54E-03	5.95E-03	9.26E-04	3.81E-04	1.54E-02	3.13E-02
2040-02-01	14	3.06E-03	4.95E+01	4.52E-02	5.86E-03	1.64E-01	4.14E+00	1.37E-02	6.86E-04	4.46E-04	1.28E-03	7.77E-02	7.73E-02	1.64E-02	2.92E-06	4.54E-03	5.95E-03	9.22E-04	3.76E-04	1.54E-02	3.14E-02
2040-03-01	14	3.00E-03	4.96E+01	4.52E-02	5.87E-03	1.60E-01	4.14E+00	1.37E-02	6.87E-04	4.46E-04	1.28E-03	7.39E-02	7.75E-02	1.64E-02	2.92E-06	4.56E-03	5.96E-03	9.16E-04	3.69E-04	1.54E-02	3.14E-02
2040-04-01	14	2.75E-03	4.98E+01	4.52E-02	5.92E-03	1.38E-01	4.10E+00	1.38E-02	6.91E-04	4.45E-04	1.29E-03	5.76E-02	7.79E-02	1.64E-02	2.90E-06	4.60E-03	6.01E-03	8.88E-04	3.35E-04	1.55E-02	3.16E-02
2040-05-01	14	3.70E-03	4.42E+01	4.15E-02	5.10E-03	2.36E-01	4.00E+00	1.31E-02	6.01E-04	4.17E-04	1.10E-03	1.30E-01	6.76E-02	1.62E-02	2.79E-06	3.91E-03	5.26E-03	9.28E-04	4.68E-04	1.35E-02	2.75E-02
2040-06-01	14	2.37E-03	4.75E+01	4.34E-02	5.65E-03	1.14E-01	3.89E+00	1.35E-02	6.59E-04	4.24E-04	1.23E-03	3.87E-02	7.44E-02	1.63E-02	2.77E-06	4.39E-03	5.77E-03	8.14E-04	2.88E-04	1.48E-02	3.03E-02
2040-07-01	14	2.12E-03	4.86E+01	4.41E-02	5.82E-03	8.91E-02	3.91E+00	1.36E-02	6.77E-04	4.29E-04	1.27E-03	2.01E-02	7.65E-02	1.64E-02	2.79E-06	4.54E-03	5.93E-03	7.98E-04	2.53E-04	1.52E-02	3.11E-02
2040-08-01	14	3.42E-03	4.59E+01	4.26E-02	5.34E-03	2.03E-01	4.04E+00	1.33E-02	6.29E-04	4.28E-04	1.15E-03	1.10E-01	7.06E-02	1.63E-02	2.84E-06	4.12E-03	5.49E-03	9.20E-04	4.32E-04	1.41E-02	2.87E-02
2040-09-01	14	3.36E-03	4.63E+01	4.29E-02	5.40E-03	1.98E-01	4.06E+00	1.33E-02	6.34E-04	4.30E-04	1.17E-03	1.04E-01	7.13E-02	1.63E-02	2.84E-06	4.16E-03	5.53E-03	9.14E-04	4.20E-04	1.42E-02	2.90E-02
2040-10-01	14	3.48E-03	4.58E+01	4.25E-02	5.32E-03	2.12E-01	4.06E+00	1.32E-02	6.24E-04	4.27E-04	1.15E-03	1.12E-01	7.03E-02	1.63E-02	2.83E-06	4.08E-03	5.45E-03	9.20E-04	4.36E-04	1.40E-02	2.86E-02
2040-11-01	14	3.34E-03	4.61E+01	4.27E-02	5.37E-03	2.00E-01	4.04E+00	1.33E-02	6.29E-04	4.26E-04	1.16E-03	1.02E-01	7.09E-02	1.63E-02	2.82E-06	4.13E-03	5.49E-03	9.05E-04	4.15E-04	1.41E-02	2.88E-02
2040-12-01	14	3.12E-03	4.69E+01	4.32E-02	5.49E-03	1.79E-01	4.04E+00	1.34E-02	6.42E-04	4.29E-04	1.19E-03	8.64E-02	7.25E-02	1.63E-02	2.83E-06	4.23E-03	5.61E-03	8.89E-04	3.85E-04	1.44E-02	2.95E-02
2041-01-01	15	3.20E-03	5.00E+01	4.54E-02	5.88E-03	1.76E-01	4.28E+00	1.37E-02	6.86E-04	4.56E-04	1.27E-03	8.44E-02	7.75E-02	1.64E-02	2.98E-06	4.54E-03	5.95E-03	9.36E-04	3.91E-04	1.54E-02	3.14E-02
2041-02-01	15	3.16E-03	5.00E+01	4.54E-02	5.89E-03	1.73E-01	4.27E+00	1.37E-02	6.87E-04	4.56E-04	1.27E-03	8.19E-02	7.76E-02	1.64E-02	2.98E-06	4.55E-03	5.96E-03	9.31E-04	3.86E-04	1.54E-02	3.15E-02
2041-03-01	15	3.10E-03	5.00E+01	4.54E-02	5.90E-03	1.67E-01	4.26E+00	1.37E-02	6.88E-04	4.55E-04	1.28E-03	7.79E-02	7.77E-02	1.64E-02	2.97E-06	4.56E-03	5.97E-03	9.25E-04	3.77E-04	1.54E-02	3.15E-02
2041-04-01	15	2.82E-03	5.01E+01	4.54E-02	5.93E-03	1.45E-01	4.20E+00	1.38E-02	6.92E-04	4.52E-04	1.29E-03	6.07E-02	7.81E-02	1.64E-02	2.94E-06	4.60E-03	6.01E-03	8.95E-04	3.42E-04	1.55E-02	3.17E-02
2041-05-01	15	4.56E-03	4.52E+01	4.15E-02	5.09E-03	3.88E-01	4.50E+00	1.31E-02	5.62E-04	4.02E-04	1.02E-03	1.48E-01	6.85E-02	1.61E-02	2.71E-06	3.63E-03	4.95E-03	9.21E-04	4.98E-04	1.30E-02	2.74E-02
2041-06-01	15	2.72E-03	4.78E+01	4.33E-02	5.63E-03	1.69E-01	4.07E+00	1.35E-02	6.45E-04	4.19E-04	1.20E-03	4.89E-02	7.45E-02	1.63E-02	2.75E-06	4.29E-03	5.66E-03	8.18E-04	3.07E-04</		

TMF NW Pond - 10ppm TSS

Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2043-10-01	17	3.31E-03	4.71E+01	4.22E-02	5.41E-03	3.00E-01	4.50E+00	1.33E-02	5.94E-04	4.17E-04	1.09E-03	6.92E-02	7.30E-02	1.62E-02	2.75E-06	3.91E-03	5.25E-03	7.99E-04	3.38E-04	1.37E-02	2.91E-02
2043-11-01	17	3.52E-03	4.67E+01	4.18E-02	5.33E-03	3.41E-01	4.60E+00	1.33E-02	5.77E-04	4.12E-04	1.06E-03	7.68E-02	7.24E-02	1.62E-02	2.73E-06	3.79E-03	5.12E-03	7.95E-04	3.51E-04	1.34E-02	2.88E-02
2043-12-01	17	3.41E-03	4.70E+01	4.21E-02	5.40E-03	3.26E-01	4.56E+00	1.33E-02	5.86E-04	4.13E-04	1.07E-03	7.00E-02	7.31E-02	1.62E-02	2.73E-06	3.86E-03	5.19E-03	7.92E-04	3.38E-04	1.36E-02	2.91E-02
2044-01-01	18	3.39E-03	4.80E+01	4.28E-02	5.53E-03	3.19E-01	4.62E+00	1.34E-02	6.02E-04	4.21E-04	1.11E-03	6.80E-02	7.48E-02	1.62E-02	2.78E-06	3.97E-03	5.31E-03	8.06E-04	3.38E-04	1.39E-02	2.98E-02
2044-02-01	18	3.45E-03	4.90E+01	4.35E-02	5.64E-03	3.22E-01	4.70E+00	1.35E-02	6.15E-04	4.30E-04	1.13E-03	6.88E-02	7.63E-02	1.63E-02	2.83E-06	4.06E-03	5.41E-03	8.22E-04	3.42E-04	1.42E-02	3.04E-02
2044-03-01	18	3.44E-03	4.89E+01	4.34E-02	5.63E-03	3.21E-01	4.70E+00	1.35E-02	6.14E-04	4.29E-04	1.13E-03	6.87E-02	7.62E-02	1.63E-02	2.82E-06	4.05E-03	5.40E-03	8.21E-04	3.42E-04	1.42E-02	3.03E-02
2044-04-01	18	3.41E-03	4.84E+01	4.31E-02	5.58E-03	3.19E-01	4.65E+00	1.35E-02	6.07E-04	4.25E-04	1.12E-03	6.80E-02	7.54E-02	1.62E-02	2.80E-06	4.01E-03	5.36E-03	8.12E-04	3.39E-04	1.40E-02	3.00E-02
2044-05-01	18	6.02E-03	3.76E+01	3.39E-02	3.71E-03	7.59E-01	5.31E+00	1.20E-02	3.39E-04	3.57E-04	5.70E-04	2.13E-01	5.48E-02	1.57E-02	2.51E-06	2.04E-03	3.19E-03	7.95E-04	5.86E-04	8.64E-03	2.09E-02
2044-06-01	18	5.20E-03	3.26E+01	3.07E-02	3.20E-03	6.64E-01	4.59E+00	1.15E-02	2.94E-04	3.09E-04	4.93E-04	1.84E-01	4.74E-02	1.57E-02	2.22E-06	1.76E-03	2.87E-03	6.86E-04	5.14E-04	7.52E-03	1.82E-02
2044-07-01	18	4.69E-03	2.94E+01	2.86E-02	2.88E-03	6.03E-01	4.14E+00	1.12E-02	2.66E-04	2.79E-04	4.44E-04	1.65E-01	4.28E-02	1.56E-02	2.04E-06	1.58E-03	2.67E-03	6.17E-04	4.69E-04	6.82E-03	1.66E-02
2044-08-01	18	4.35E-03	2.73E+01	2.72E-02	2.67E-03	5.63E-01	3.84E+00	1.10E-02	2.47E-04	2.59E-04	4.11E-04	1.53E-01	3.96E-02	1.56E-02	1.92E-06	1.46E-03	2.53E-03	5.71E-04	4.39E-04	6.35E-03	1.54E-02
2044-09-01	18	6.34E-03	2.93E+01	2.76E-02	2.60E-03	8.99E-01	5.02E+00	1.10E-02	1.86E-04	2.75E-04	2.76E-04	2.32E-01	4.20E-02	1.55E-02	2.06E-06	9.70E-04	2.00E-03	6.59E-04	5.93E-04	5.48E-03	1.54E-02
2044-10-01	18	7.41E-03	2.87E+01	2.67E-02	2.34E-03	1.06E+00	5.53E+00	1.08E-02	1.35E-04	2.79E-04	1.67E-04	2.84E-01	4.02E-02	1.54E-02	2.11E-06	5.72E-04	1.57E-03	7.03E-04	6.91E-04	4.55E-03	1.43E-02
2044-11-01	18	7.88E-03	2.91E+01	2.66E-02	2.33E-03	1.17E+00	5.83E+00	1.08E-02	1.11E-04	2.72E-04	1.19E-04	2.95E-01	4.13E-02	1.53E-02	2.08E-06	3.95E-04	1.37E-03	6.99E-04	7.10E-04	4.22E-03	1.43E-02
2044-12-01	18	7.79E-03	2.89E+01	2.64E-02	2.33E-03	1.18E+00	5.79E+00	1.08E-02	1.04E-04	2.61E-04	1.09E-04	2.86E-01	4.15E-02	1.53E-02	2.02E-06	3.61E-04	1.33E-03	6.72E-04	6.88E-04	4.13E-03	1.43E-02
2045-01-01	19	7.73E-03	2.86E+01	2.63E-02	2.31E-03	1.17E+00	5.75E+00	1.08E-02	1.04E-04	2.59E-04	1.08E-04	2.83E-01	4.12E-02	1.53E-02	2.00E-06	3.58E-04	1.33E-03	6.67E-04	6.83E-04	4.10E-03	1.42E-02
2045-02-01	19	7.72E-03	2.86E+01	2.63E-02	2.31E-03	1.17E+00	5.74E+00	1.08E-02	1.04E-04	2.59E-04	1.08E-04	2.83E-01	4.11E-02	1.53E-02	2.00E-06	3.58E-04	1.33E-03	6.66E-04	6.82E-04	4.10E-03	1.42E-02
2045-03-01	19	7.71E-03	2.86E+01	2.62E-02	2.30E-03	1.17E+00	5.73E+00	1.08E-02	1.03E-04	2.58E-04	1.08E-04	2.82E-01	4.11E-02	1.53E-02	2.00E-06	3.57E-04	1.33E-03	6.65E-04	6.81E-04	4.09E-03	1.42E-02
2045-04-01	19	7.63E-03	2.83E+01	2.61E-02	2.28E-03	1.16E+00	5.67E+00	1.08E-02	1.03E-04	2.56E-04	1.07E-04	2.80E-01	4.06E-02	1.53E-02	1.98E-06	3.54E-04	1.32E-03	6.58E-04	6.75E-04	4.06E-03	1.41E-02
2045-05-01	19	8.06E-03	2.72E+01	2.54E-02	2.06E-03	1.19E+00	5.81E+00	1.06E-02	8.68E-05	2.73E-04	6.87E-05	3.18E-01	3.80E-02	1.53E-02	2.10E-06	2.11E-04	1.17E-03	7.17E-04	7.53E-04	3.64E-03	1.30E-02
2045-06-01	19	6.97E-03	2.36E+01	2.33E-02	1.78E-03	1.04E+00	5.02E+00	1.03E-02	7.69E-05	2.36E-04	6.00E-05	2.75E-01	3.29E-02	1.53E-02	1.87E-06	1.82E-04	1.13E-03	6.19E-04	6.59E-04	3.21E-03	1.14E-02
2045-07-01	19	6.28E-03	2.14E+01	2.20E-02	1.60E-03	9.41E-01	4.52E+00	1.01E-02	7.06E-05	2.13E-04	5.44E-05	2.47E-01	2.97E-02	1.52E-02	1.73E-06	1.64E-04	1.10E-03	5.57E-04	5.99E-04	2.94E-03	1.04E-02
2045-08-01	19	5.81E-03	1.98E+01	2.11E-02	1.48E-03	8.75E-01	4.19E+00	1.00E-02	6.64E-05	1.98E-04	5.08E-05	2.28E-01	2.76E-02	1.52E-02	1.63E-06	1.52E-04	1.08E-03	5.15E-04	5.59E-04	2.76E-03	9.73E-03
2045-09-01	19	7.26E-03	2.43E+01	2.37E-02	1.84E-03	1.11E+00	5.25E+00	1.04E-02	6.93E-05	2.37E-04	4.40E-05	2.82E-01	3.49E-02	1.52E-02	1.88E-06	1.24E-04	1.06E-03	6.25E-04	6.73E-04	3.17E-03	1.19E-02
2045-10-01	19	7.86E-03	2.56E+01	2.45E-02	1.92E-03	1.20E+00	5.64E+00	1.05E-02	6.95E-05	2.57E-04	3.75E-05	3.12E-01	3.68E-02	1.52E-02	2.01E-06	9.78E-05	1.05E-03	6.84E-04	7.35E-04	3.26E-03	1.24E-02
2045-11-01	19	8.12E-03	2.67E+01	2.52E-02	2.05E-03	1.27E+00	5.88E+00	1.06E-02	6.79E-05	2.57E-04	3.40E-05	3.14E-01	3.95E-02	1.52E-02	2.01E-06	8.47E-05	1.03E-03	6.86E-04	7.39E-04	3.37E-03	1.32E-02
2045-12-01	19	7.99E-03	2.67E+01	2.51E-02	2.07E-03	1.28E+00	5.84E+00	1.06E-02	6.57E-05	2.48E-04	3.25E-05	3.02E-01	4.01E-02	1.52E-02	1.95E-06	8.01E-05	1.02E-03	6.61E-04	7.14E-04	3.37E-03	1.33E-02
2046-01-01	20	7.93E-03	2.65E+01	2.50E-02	2.06E-03	1.27E+00	5.79E+00	1.06E-02	6.53E-05	2.46E-04	3.23E-05	3.00E-01	3.97E-02	1.52E-02	1.94E-06	7.95E-05	1.02E-03	6.55E-04	7.09E-04	3.34E-03	1.32E-02
2046-02-01	20	7.92E-03	2.64E+01	2.50E-02	2.06E-03	1.27E+00	5.78E+00	1.06E-02	6.52E-05	2.46E-04	3.22E-05	2.99E-01	3.97E-02	1.52E-02	1.94E-06	7.94E-05	1.02E-03	6.55E-04	7.08E-04	3.34E-03	1.32E-02
2046-03-01	20	7.91E-03	2.64E+01	2.50E-02	2.05E-03	1.26E+00	5.77E+00	1.06E-02	6.51E-05	2.46E-04	3.22E-05	2.99E-01	3.96E-02	1.52E-02	1.94E-06	7.93E-05	1.02E-03	6.54E-04	7.07E-04	3.33E-03	1.32E-02
2046-04-01	20	7.83E-03	2.61E+01	2.48E-02	2.03E-03	1.25E+00	5.71E+00	1.06E-02	6.46E-05	2.43E-04	3.19E-05	2.96E-01	3.92E-02	1.52E-02	1.92E-06	7.85E-05	1.02E-03	6.47E-04	7.01E-04	3.31E-03	1.31E-02
2046-05-01	20	8.11E-03	2.59E+01	2.48E-02	1.94E-03	1.25E+00	5.80E+00	1.05E-02	6.79E-05	2.66E-04	3.09E-05	3.27E-01	3.79E-02	1.52E-02	2.07E-06	7.27E-05	1.02E-03	7.12E-04	7.67E-04	3.27E-03	1.27E-02
2046-06-01	20	7.01E-03	2.25E+01	2.28E-02	1.67E-03	1.09E+00	5.01E+00	1.02E-02	6.05E-05	2.31E-04	2.74E-05	2.82E-01	3.28E-02	1.52E-02	1.85E-06	6.30E-05	9.97E-04	6.14E-04	6.70E-04	2.89E-03	1.11E-02
2046-07-01	20	6.31E-03	2.03E+01	2.15E-02	1.51E-03	9.88E-01	4.52E+00	1.01E-02	5.59E-05	2.08E-04	2.52E-05	2.53E-01	2.96E-02	1.52E-02	1.70E-06	5.68E-05	9.81E-04	5.53E-04	6.09E-04	2.65E-03	1.01E-02
2046-08-01	20	5.84E-03	1.89E+01	2.07E-02	1.39E-03	9.19E-01	4.18E+00	9.94E-03	5.28E-05	1.93E-04	2.37E-05	2.34E-01	2.75E-02	1.52E-02	1.61E-06	5.26E-05	9.70E-04	5.12E-04	5.69E-04	2.49E-03	9.47E-03
2046-09-01	20	7.21E-03	2.33E+01	2.34E-02	1.78E-03	1.15E+00	5.20E+00	1.03E-02	6.04E-05	2.33E-04	2.64E-05	2.85E-01	3.53E-02	1.52E-02	1.86E-06	5.90E-05	9.94E-04	6.22E-04	6.78E-04	3.00E-03	1.18E-02
2046-10-01	20	7.78E-03	2.48E+01	2.43E-02	1.89E-03	1.24E+00	5.59E+00	1.04E-02	6.46E-05	2.55E-04	2.77E-05	3.13E-01	3.76E-02	1.52E-02	2.00E-06	6.19E-05	1.01E-03	6.82E-04	7.38E-04	3.16E-03	1.25E-02
2046-11-01	20	8.02E-03	2.60E+01	2.51E-02	2.03E-03	1.31E+00	5.82E+00	1.06E-02	6.46E-05	2.56E-04	2.75E-05	3.15E-01	4.06E-02	1.52E-02	2.01E-06	6.11E-05	1.01E-03	6.85E-04	7.41E-04	3.31E-03	1.33E-02
2046-12-01	20	7.89E-03	2.60E+01	2.50E-02	2.06E-03	1.31E+00	5.77E+00	1.06E-02	6.28E-05	2.47E-04	2.67E-05	3.03E-01	4.12E-02	1.52E-02	1.95E-06	5.88E-05	9.99E-04	6.60E-04	7.16E-04	3.31E-03	1.35E-02
2047-01-01	21	7.82E-03	2.58E+01	2.49E-02	2.04E-03	1.30E+00	5.72E+00	1.06E-02	6.24E-05	2.45E-04	2.65E-05	3.01E-01	4.09E-02	1.52E-02	1.94E-06	5.83E-05	9.98E-04	6.54E-04	7.11E-04	3.28E-03	1.34E-02
2047-02-01	21	7.81E-03	2.57E+01	2.49E-02	2.04E-03	1.30E+00	5.72E+00	1.06E-02	6.23E-05	2.45E-04	2.65E-05	3.00E-01	4.08E-02	1.52E-02	1.93E-06	5.83E-05	9.98E-04	6.54E-04	7.10E-04	3.28E-03	1.34E-02
2047-03-01	21	7.80E-03	2.57E+01	2.49E-02	2.03E-03	1.30E+00	5.71E+00	1.06E-02	6.22E-05	2.44E-04	2.64E-05	3.00E-01	4.07E-02	1.52E-02	1.93E-06	5.82E-05	9.98E-04	6.53E-04	7.09E-04</		

TMF NW Pond - 10ppm TSS

Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2049-07-01	23	6.04E-03	1.90E+01	2.15E-02	1.50E-03	1.06E+00	4.35E+00	1.01E-02	5.47E-05	2.08E-04	2.28E-05	2.54E-01	3.25E-02	1.52E-02	1.70E-06	4.80E-05	9.71E-04	5.53E-04	6.10E-04	2.63E-03	1.07E-02
2049-08-01	23	5.59E-03	1.77E+01	2.06E-02	1.39E-03	9.88E-01	4.03E+00	9.93E-03	5.17E-05	1.93E-04	2.15E-05	2.35E-01	3.01E-02	1.52E-02	1.61E-06	4.45E-05	9.61E-04	5.12E-04	5.70E-04	2.47E-03	9.99E-03
2049-09-01	23	6.85E-03	2.18E+01	2.33E-02	1.77E-03	1.24E+00	4.98E+00	1.03E-02	5.95E-05	2.32E-04	2.49E-05	2.84E-01	3.86E-02	1.52E-02	1.85E-06	5.36E-05	9.88E-04	6.19E-04	6.76E-04	2.98E-03	1.25E-02
2049-10-01	23	7.40E-03	2.32E+01	2.43E-02	1.88E-03	1.32E+00	5.36E+00	1.04E-02	6.40E-05	2.55E-04	2.69E-05	3.13E-01	4.12E-02	1.52E-02	2.00E-06	5.88E-05	1.00E-03	6.81E-04	7.37E-04	3.15E-03	1.32E-02
2049-11-01	23	7.62E-03	2.43E+01	2.50E-02	2.02E-03	1.41E+00	5.58E+00	1.06E-02	6.43E-05	2.56E-04	2.70E-05	3.15E-01	4.45E-02	1.52E-02	2.00E-06	5.91E-05	1.00E-03	6.84E-04	7.40E-04	3.30E-03	1.41E-02
2049-12-01	23	7.48E-03	2.42E+01	2.50E-02	2.05E-03	1.41E+00	5.53E+00	1.06E-02	6.24E-05	2.47E-04	2.62E-05	3.03E-01	4.51E-02	1.52E-02	1.95E-06	5.70E-05	9.97E-04	6.59E-04	7.15E-04	3.30E-03	1.43E-02
2050-01-01	24	7.42E-03	2.40E+01	2.49E-02	2.04E-03	1.40E+00	5.48E+00	1.06E-02	6.20E-05	2.45E-04	2.60E-05	3.00E-01	4.48E-02	1.52E-02	1.93E-06	5.65E-05	9.96E-04	6.53E-04	7.10E-04	3.28E-03	1.42E-02
2050-02-01	24	7.41E-03	2.40E+01	2.49E-02	2.03E-03	1.40E+00	5.48E+00	1.06E-02	6.20E-05	2.44E-04	2.60E-05	3.00E-01	4.47E-02	1.52E-02	1.93E-06	5.65E-05	9.96E-04	6.53E-04	7.09E-04	3.27E-03	1.42E-02
2050-03-01	24	7.40E-03	2.39E+01	2.48E-02	2.03E-03	1.40E+00	5.47E+00	1.06E-02	6.19E-05	2.44E-04	2.59E-05	3.00E-01	4.46E-02	1.52E-02	1.93E-06	5.64E-05	9.96E-04	6.52E-04	7.08E-04	3.27E-03	1.42E-02
2050-04-01	24	7.32E-03	2.37E+01	2.47E-02	2.01E-03	1.38E+00	5.41E+00	1.06E-02	6.14E-05	2.42E-04	2.57E-05	2.96E-01	4.42E-02	1.52E-02	1.91E-06	5.58E-05	9.94E-04	6.45E-04	7.02E-04	3.24E-03	1.40E-02
2050-05-01	24	7.62E-03	2.36E+01	2.47E-02	1.93E-03	1.38E+00	5.50E+00	1.05E-02	6.62E-05	2.66E-04	2.78E-05	3.27E-01	4.28E-02	1.52E-02	2.07E-06	6.14E-05	1.01E-03	7.11E-04	7.67E-04	3.23E-03	1.36E-02
2050-06-01	24	6.58E-03	2.05E+01	2.27E-02	1.66E-03	1.20E+00	4.76E+00	1.02E-02	5.91E-05	2.30E-04	2.47E-05	2.82E-01	3.70E-02	1.52E-02	1.84E-06	5.31E-05	9.86E-04	6.13E-04	6.70E-04	2.86E-03	1.20E-02
2050-07-01	24	5.93E-03	1.86E+01	2.15E-02	1.50E-03	1.08E+00	4.29E+00	1.00E-02	5.46E-05	2.08E-04	2.28E-05	2.54E-01	3.34E-02	1.52E-02	1.70E-06	4.79E-05	9.71E-04	5.52E-04	6.09E-04	2.62E-03	1.09E-02
2050-08-01	24	5.49E-03	1.73E+01	2.06E-02	1.39E-03	1.01E+00	3.97E+00	9.93E-03	5.16E-05	1.93E-04	2.14E-05	2.35E-01	3.10E-02	1.52E-02	1.61E-06	4.45E-05	9.61E-04	5.11E-04	5.69E-04	2.47E-03	1.02E-02
2050-09-01	24	6.74E-03	2.12E+01	2.33E-02	1.77E-03	1.26E+00	4.92E+00	1.03E-02	5.95E-05	2.32E-04	2.49E-05	2.85E-01	3.98E-02	1.52E-02	1.86E-06	5.36E-05	9.88E-04	6.19E-04	6.76E-04	2.97E-03	1.27E-02
2050-10-01	24	7.28E-03	2.26E+01	2.43E-02	1.88E-03	1.35E+00	5.29E+00	1.04E-02	6.40E-05	2.55E-04	2.69E-05	3.13E-01	4.24E-02	1.52E-02	2.00E-06	5.88E-05	1.00E-03	6.81E-04	7.37E-04	3.15E-03	1.35E-02
2050-11-01	24	7.49E-03	2.37E+01	2.50E-02	2.02E-03	1.44E+00	5.50E+00	1.06E-02	6.43E-05	2.56E-04	2.70E-05	3.15E-01	4.58E-02	1.52E-02	2.00E-06	5.91E-05	1.00E-03	6.84E-04	7.40E-04	3.30E-03	1.44E-02
2050-12-01	24	7.35E-03	2.36E+01	2.50E-02	2.05E-03	1.44E+00	5.45E+00	1.06E-02	6.24E-05	2.47E-04	2.62E-05	3.03E-01	4.64E-02	1.52E-02	1.95E-06	5.70E-05	9.97E-04	6.59E-04	7.15E-04	3.30E-03	1.46E-02
2051-01-01	25	7.29E-03	2.34E+01	2.49E-02	2.04E-03	1.43E+00	5.41E+00	1.06E-02	6.20E-05	2.45E-04	2.60E-05	3.00E-01	4.61E-02	1.52E-02	1.93E-06	5.65E-05	9.96E-04	6.53E-04	7.10E-04	3.28E-03	1.45E-02
2051-02-01	25	7.28E-03	2.34E+01	2.49E-02	2.03E-03	1.43E+00	5.40E+00	1.06E-02	6.20E-05	2.44E-04	2.60E-05	3.00E-01	4.60E-02	1.52E-02	1.93E-06	5.65E-05	9.96E-04	6.53E-04	7.09E-04	3.27E-03	1.44E-02
2051-03-01	25	7.27E-03	2.33E+01	2.48E-02	2.03E-03	1.43E+00	5.39E+00	1.06E-02	6.19E-05	2.44E-04	2.59E-05	3.00E-01	4.59E-02	1.52E-02	1.93E-06	5.64E-05	9.96E-04	6.52E-04	7.08E-04	3.27E-03	1.44E-02
2051-04-01	25	7.19E-03	2.31E+01	2.47E-02	2.01E-03	1.41E+00	5.34E+00	1.06E-02	6.14E-05	2.42E-04	2.57E-05	2.96E-01	4.55E-02	1.52E-02	1.91E-06	5.58E-05	9.94E-04	6.45E-04	7.02E-04	3.24E-03	1.43E-02
2051-05-01	25	7.49E-03	2.31E+01	2.47E-02	1.93E-03	1.41E+00	5.43E+00	1.05E-02	6.62E-05	2.66E-04	2.78E-05	3.27E-01	4.40E-02	1.52E-02	2.07E-06	6.13E-05	1.01E-03	7.11E-04	7.67E-04	3.23E-03	1.39E-02
2051-06-01	25	6.48E-03	2.01E+01	2.27E-02	1.66E-03	1.22E+00	4.69E+00	1.02E-02	5.91E-05	2.30E-04	2.47E-05	2.82E-01	3.81E-02	1.52E-02	1.84E-06	5.31E-05	9.86E-04	6.13E-04	6.70E-04	2.86E-03	1.22E-02
2051-07-01	25	5.83E-03	1.81E+01	2.15E-02	1.50E-03	1.10E+00	4.22E+00	1.00E-02	5.46E-05	2.08E-04	2.28E-05	2.54E-01	3.43E-02	1.52E-02	1.70E-06	4.79E-05	9.71E-04	5.52E-04	6.09E-04	2.62E-03	1.11E-02
2051-08-01	25	5.40E-03	1.69E+01	2.06E-02	1.39E-03	1.03E+00	3.91E+00	9.93E-03	5.16E-05	1.93E-04	2.14E-05	2.35E-01	3.18E-02	1.52E-02	1.61E-06	4.44E-05	9.61E-04	5.11E-04	5.69E-04	2.47E-03	1.03E-02
2051-09-01	25	6.65E-03	2.08E+01	2.34E-02	1.78E-03	1.30E+00	4.87E+00	1.03E-02	5.98E-05	2.33E-04	2.50E-05	2.86E-01	4.10E-02	1.52E-02	1.86E-06	5.38E-05	9.88E-04	6.22E-04	6.79E-04	2.98E-03	1.30E-02
2051-10-01	25	7.17E-03	2.21E+01	2.43E-02	1.88E-03	1.39E+00	5.22E+00	1.04E-02	6.42E-05	2.55E-04	2.69E-05	3.14E-01	4.37E-02	1.52E-02	2.00E-06	5.89E-05	1.00E-03	6.82E-04	7.39E-04	3.16E-03	1.37E-02
2051-11-01	25	7.37E-03	2.31E+01	2.51E-02	2.03E-03	1.47E+00	5.43E+00	1.06E-02	6.44E-05	2.56E-04	2.70E-05	3.15E-01	4.71E-02	1.52E-02	2.01E-06	5.92E-05	1.00E-03	6.85E-04	7.42E-04	3.30E-03	1.47E-02
2051-12-01	25	7.22E-03	2.30E+01	2.50E-02	2.05E-03	1.48E+00	5.38E+00	1.06E-02	6.25E-05	2.47E-04	2.62E-05	3.03E-01	4.78E-02	1.52E-02	1.95E-06	5.70E-05	9.98E-04	6.60E-04	7.16E-04	3.30E-03	1.48E-02
2052-01-01	26	7.17E-03	2.28E+01	2.49E-02	2.04E-03	1.47E+00	5.33E+00	1.06E-02	6.21E-05	2.45E-04	2.60E-05	3.01E-01	4.74E-02	1.52E-02	1.94E-06	5.66E-05	9.96E-04	6.54E-04	7.11E-04	3.28E-03	1.47E-02
2052-02-01	26	7.16E-03	2.28E+01	2.49E-02	2.03E-03	1.46E+00	5.33E+00	1.06E-02	6.21E-05	2.45E-04	2.60E-05	3.00E-01	4.74E-02	1.52E-02	1.93E-06	5.65E-05	9.96E-04	6.54E-04	7.10E-04	3.28E-03	1.47E-02
2052-03-01	26	7.15E-03	2.28E+01	2.49E-02	2.03E-03	1.46E+00	5.32E+00	1.06E-02	6.20E-05	2.44E-04	2.60E-05	3.00E-01	4.73E-02	1.52E-02	1.93E-06	5.64E-05	9.96E-04	6.53E-04	7.09E-04	3.27E-03	1.47E-02
2052-04-01	26	7.07E-03	2.25E+01	2.47E-02	2.01E-03	1.45E+00	5.26E+00	1.06E-02	6.15E-05	2.42E-04	2.58E-05	2.97E-01	4.68E-02	1.52E-02	1.92E-06	5.58E-05	9.94E-04	6.46E-04	7.03E-04	3.24E-03	1.46E-02
2052-05-01	26	7.37E-03	2.25E+01	2.48E-02	1.93E-03	1.44E+00	5.35E+00	1.05E-02	6.63E-05	2.66E-04	2.78E-05	3.27E-01	4.53E-02	1.52E-02	2.07E-06	6.13E-05	1.01E-03	7.11E-04	7.67E-04	3.23E-03	1.41E-02
2052-06-01	26	6.37E-03	1.96E+01	2.27E-02	1.66E-03	1.25E+00	4.63E+00	1.02E-02	5.92E-05	2.30E-04	2.47E-05	2.82E-01	3.92E-02	1.52E-02	1.84E-06	5.31E-05	9.86E-04	6.14E-04	6.71E-04	2.86E-03	1.24E-02
2052-07-01	26	5.74E-03	1.77E+01	2.15E-02	1.50E-03	1.13E+00	4.17E+00	1.00E-02	5.46E-05	2.08E-04	2.28E-05	2.54E-01	3.53E-02	1.52E-02	1.70E-06	4.79E-05	9.71E-04	5.52E-04	6.10E-04	2.63E-03	1.13E-02
2052-08-01	26	5.32E-03	1.65E+01	2.06E-02	1.39E-03	1.05E+00	3.86E+00	9.93E-03	5.16E-05	1.93E-04	2.15E-05	2.35E-01	3.27E-02	1.52E-02	1.61E-06	4.44E-05	9.61E-04	5.11E-04	5.69E-04	2.47E-03	1.05E-02
2052-09-01	26	6.58E-03	2.04E+01	2.35E-02	1.79E-03	1.33E+00	4.83E+00	1.03E-02	6.01E-05	2.35E-04	2.52E-05	2.88E-01	4.24E-02	1.52E-02	1.87E-06	5.42E-05	9.90E-04	6.27E-04	6.84E-04	3.00E-03	1.33E-02
2052-10-01	26	7.08E-03	2.17E+01	2.44E-02	1.89E-03	1.42E+00	5.17E+00	1.05E-02	6.44E-05	2.56E-04	2.70E-05	3.15E-01	4.50E-02	1.52E-02	2.01E-06	5.91E-05	1.00E-03	6.85E-04	7.42E-04	3.17E-03	1.40E-02
2052-11-01	26	7.25E-03	2.26E+01	2.51E-02	2.03E-03	1.51E+00	5.36E+00	1.06E-02	6.45E-05	2.57E-04	2.71E-05	3.16E-01	4.85E-02	1.52E-02	2.01E-06	5.93E-05	1.00E-03	6.87E-04	7.44E-04	3.31E-03	1.50E-02
2052-12-01	26	7.11E-03	2.24E+01	2.50E-02	2.06E-03	1.51E+00	5.31E+00	1.06E-02	6.27E-05	2.48E-04	2.63E-05	3.04E-01	4.92E-02	1.52E-02	1.95E-06	5.71E-05	9.98E-04	6.62E-04	7.18E-0		

TMF NW Pond - 15ppm TSS

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TMF NW Pond Statistics (Year 1 to Year 27)																								
Minimum		2.65	0.14	0.0695	0.00196	0.168	0.0109	0.000571	0.0000746	0.00000085	0.685505	7.50476E-06	0.0002572	0.001726	3.5467E-06	0.002039	2.0005E-06	1.1035	1.6095E-06	0.0011037	0.0130378	0.0011758	0.865902	0.1336
P10		17.6	5.662	0.3464	0.0166	3.252	0.3616	0.02422	0.0002842	0.00000395	0.7051	0.000007617	0.0009544	0.007407	0.00000621	0.015779	6.9895E-06	13.9615	4.6645E-06	0.0011237	0.013162	0.0013003	0.8822	0.9942
Median		99.4	6.77	2.26	0.0752	5.8	0.475	0.0281	0.00288	0.0000055	0.7095	0.000007699	0.0060252	0.009285	0.00000698	0.068179	7.9255E-06	15.4615	2.27705E-05	0.0014895	0.01323	0.0038275	0.9332	2.5322
P90		116	16.92	2.58	0.08828	6.616	0.638	0.02988	0.004068	0.000005936	0.7144	0.000007741	0.0074632	0.010355	0.00114348	0.093959	1.04635E-05	19.1615	2.88705E-05	0.0015415	0.0133488	0.0045455	0.9893	3.1002
Maximum		126	20.9	3.25	0.0917	7.91	0.661	0.031	0.00432	0.00000622	0.7181	0.000007754	0.0095052	0.011255	0.00168348	0.101279	1.23855E-05	21.4615	3.11705E-05	0.0015815	0.013455	0.0052275	1.0155	3.8422
Monthly Results																								
2027-02-01	1	2.65	0.14	0.0695	0.00196	0.168	0.0109	0.000571	0.0000746	8.50E-07	6.86E-01	7.50E-06	2.57E-04	1.73E-03	3.55E-06	2.04E-03	2.00E-06	1.10E+00	1.61E-06	1.10E-03	1.30E-02	1.18E-03	8.66E-01	1.34E-01
2027-03-01	1	6.89	0.363	0.18	0.00508	0.436	0.0283	0.00148	0.000194	1.01E-06	6.86E-01	7.51E-06	5.79E-04	2.06E-03	3.65E-06	4.85E-03	2.18E-06	1.81E+00	2.63E-06	1.12E-03	1.30E-02	1.32E-03	8.67E-01	2.63E-01
2027-04-01	1	25.9	1.36	0.678	0.0191	1.64	0.106	0.00557	0.000727	1.73E-06	6.90E-01	7.55E-06	2.03E-03	3.58E-03	4.13E-06	1.75E-02	3.01E-06	4.97E+00	7.20E-06	1.19E-03	1.31E-02	1.95E-03	8.69E-01	8.45E-01
2027-05-01	1	67.7	4.52	1.76	0.0506	4.62	0.324	0.0177	0.00191	4.82E-06	7.10E-01	7.64E-06	5.26E-03	7.95E-03	5.39E-06	4.57E-02	9.96E-06	1.36E+01	2.19E-05	1.39E-03	1.34E-02	3.56E-03	9.82E-01	2.19E+00
2027-06-01	1	107	5.9	2.79	0.079	6.85	0.453	0.0239	0.00301	5.21E-06	7.09E-01	7.70E-06	8.20E-03	1.03E-02	6.22E-06	7.13E-02	7.95E-06	1.90E+01	2.80E-05	1.52E-03	1.32E-02	4.71E-03	9.11E-01	3.35E+00
2027-07-01	1	118	6.32	3.08	0.0869	7.49	0.49	0.0257	0.00331	5.36E-06	7.09E-01	7.71E-06	9.02E-03	1.10E-02	6.46E-06	7.85E-02	7.57E-06	2.05E+01	2.99E-05	1.55E-03	1.32E-02	5.03E-03	8.96E-01	3.67E+00
2027-08-01	1	96.5	6.11	2.51	0.0718	6.48	0.445	0.0241	0.00273	6.12E-06	7.17E-01	7.69E-06	7.46E-03	1.02E-02	6.14E-06	6.47E-02	1.20E-05	1.85E+01	2.96E-05	1.51E-03	1.34E-02	4.55E-03	9.98E-01	3.07E+00
2027-09-01	1	95.6	6.25	2.48	0.0713	6.44	0.449	0.0244	0.0027	6.16E-06	7.18E-01	7.69E-06	7.38E-03	1.04E-02	6.13E-06	6.43E-02	1.22E-05	1.86E+01	2.95E-05	1.50E-03	1.34E-02	4.53E-03	1.01E+00	3.06E+00
2027-10-01	1	91.6	6.17	2.38	0.0684	6.21	0.438	0.0238	0.00259	6.13E-06	7.18E-01	7.68E-06	7.07E-03	1.02E-02	6.04E-06	6.18E-02	1.24E-05	1.81E+01	2.90E-05	1.49E-03	1.35E-02	4.41E-03	1.02E+00	2.94E+00
2027-11-01	1	92.3	6.28	2.4	0.069	6.24	0.442	0.0241	0.0026	6.07E-06	7.18E-01	7.68E-06	7.12E-03	1.04E-02	6.05E-06	6.24E-02	1.22E-05	1.83E+01	2.89E-05	1.49E-03	1.34E-02	4.42E-03	1.01E+00	2.97E+00
2027-12-01	1	98.7	6.39	2.57	0.0735	6.55	0.458	0.0247	0.00278	5.88E-06	7.15E-01	7.69E-06	7.58E-03	1.07E-02	6.15E-06	6.65E-02	1.10E-05	1.89E+01	2.90E-05	1.51E-03	1.34E-02	4.57E-03	9.86E-01	3.15E+00
2028-01-01	2	101	6.4	2.63	0.0751	6.66	0.462	0.0249	0.00284	5.84E-06	7.15E-01	7.69E-06	7.75E-03	1.07E-02	6.18E-06	6.80E-02	1.06E-05	1.91E+01	2.92E-05	1.51E-03	1.34E-02	4.62E-03	9.77E-01	3.21E+00
2028-02-01	2	101	6.41	2.64	0.0755	6.69	0.464	0.0249	0.00285	5.83E-06	7.15E-01	7.69E-06	7.79E-03	1.07E-02	6.20E-06	6.83E-02	1.06E-05	1.92E+01	2.93E-05	1.51E-03	1.34E-02	4.64E-03	9.75E-01	3.23E+00
2028-03-01	2	102	6.42	2.67	0.0762	6.74	0.466	0.025	0.00288	5.83E-06	7.14E-01	7.70E-06	7.86E-03	1.08E-02	6.21E-06	6.89E-02	1.05E-05	1.93E+01	2.93E-05	1.52E-03	1.33E-02	4.66E-03	9.72E-01	3.25E+00
2028-04-01	2	106	6.47	2.77	0.079	6.95	0.475	0.0254	0.00298	5.78E-06	7.14E-01	7.70E-06	8.16E-03	1.09E-02	6.29E-06	7.12E-02	9.98E-06	1.97E+01	2.97E-05	1.53E-03	1.33E-02	4.77E-03	9.58E-01	3.36E+00
2028-05-01	2	91.5	6.13	2.37	0.0681	6.17	0.432	0.0235	0.00256	5.98E-06	7.17E-01	7.68E-06	7.03E-03	9.97E-03	6.02E-06	6.09E-02	1.19E-05	1.80E+01	2.84E-05	1.49E-03	1.34E-02	4.37E-03	1.00E+00	2.92E+00
2028-06-01	2	114	6.36	2.97	0.0839	7.29	0.483	0.0255	0.00317	5.53E-06	7.11E-01	7.71E-06	8.70E-03	1.08E-02	6.40E-06	7.49E-02	8.49E-06	2.02E+01	2.98E-05	1.54E-03	1.32E-02	4.93E-03	9.18E-01	3.55E+00
2028-07-01	2	121	6.5	3.15	0.0889	7.67	0.502	0.0264	0.00336	5.50E-06	7.10E-01	7.72E-06	9.23E-03	1.12E-02	6.53E-06	7.93E-02	7.79E-06	2.10E+01	3.06E-05	1.56E-03	1.32E-02	5.13E-03	8.98E-01	3.75E+00
2028-08-01	2	98.1	6.3	2.54	0.0727	6.57	0.451	0.0244	0.00274	6.16E-06	7.18E-01	7.69E-06	7.53E-03	1.02E-02	6.18E-06	6.47E-02	1.20E-05	1.88E+01	2.98E-05	1.51E-03	1.34E-02	4.58E-03	9.96E-01	3.11E+00
2028-09-01	2	96.9	6.46	2.5	0.072	6.51	0.453	0.0246	0.0027	6.17E-06	7.18E-01	7.69E-06	7.43E-03	1.03E-02	6.16E-06	6.42E-02	1.21E-05	1.88E+01	2.96E-05	1.51E-03	1.34E-02	4.55E-03	1.00E+00	3.08E+00
2028-10-01	2	92.6	6.38	2.39	0.0689	6.27	0.44	0.024	0.00258	6.13E-06	7.18E-01</													

TMF NW Pond - 15ppm TSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2032-04-01	6	103	6.6	2.51	0.0772	6.51	0.51	0.0265	0.00311	5.67E-06	7.12E-01	7.71E-06	7.17E-03	1.01E-02	6.41E-06	7.31E-02	9.00E-06	1.85E+01	2.63E-05	1.50E-03	1.33E-02	4.32E-03	9.33E-01	3.00E+00
2032-05-01	6	97.1	5.77	2.21	0.0751	5.73	0.543	0.0266	0.00342	5.61E-06	7.11E-01	7.71E-06	6.03E-03	9.30E-03	6.47E-06	8.03E-02	8.53E-06	1.59E+01	2.32E-05	1.48E-03	1.32E-02	3.85E-03	9.19E-01	2.55E+00
2032-06-01	6	108	5.46	2.41	0.0838	5.87	0.593	0.0275	0.00396	5.46E-06	7.08E-01	7.73E-06	6.46E-03	9.64E-03	6.66E-06	9.30E-02	7.09E-06	1.53E+01	2.34E-05	1.51E-03	1.32E-02	3.99E-03	8.82E-01	2.67E+00
2032-07-01	6	96.6	5.48	2.14	0.0756	5.62	0.563	0.0272	0.00359	5.81E-06	7.12E-01	7.72E-06	5.76E-03	9.11E-03	6.57E-06	8.38E-02	8.87E-06	1.55E+01	2.28E-05	1.48E-03	1.32E-02	3.76E-03	9.20E-01	2.44E+00
2032-08-01	6	95.3	5.52	2.11	0.0748	5.57	0.56	0.0271	0.00355	5.82E-06	7.12E-01	7.72E-06	5.67E-03	9.06E-03	6.56E-06	8.29E-02	8.97E-06	1.54E+01	2.27E-05	1.47E-03	1.33E-02	3.72E-03	9.23E-01	2.41E+00
2032-09-01	6	98.8	5.56	2.19	0.0773	5.67	0.573	0.0275	0.00367	5.79E-06	7.12E-01	7.72E-06	5.87E-03	9.25E-03	6.61E-06	8.60E-02	8.63E-06	1.55E+01	2.30E-05	1.49E-03	1.32E-02	3.79E-03	9.15E-01	2.48E+00
2032-10-01	6	99.5	5.59	2.2	0.0779	5.68	0.576	0.0275	0.0037	5.75E-06	7.11E-01	7.72E-06	5.90E-03	9.29E-03	6.61E-06	8.67E-02	8.48E-06	1.55E+01	2.29E-05	1.49E-03	1.32E-02	3.80E-03	9.12E-01	2.49E+00
2032-11-01	6	102	5.58	2.25	0.0796	5.73	0.584	0.0277	0.00379	5.70E-06	7.11E-01	7.73E-06	6.03E-03	9.39E-03	6.64E-06	8.88E-02	8.17E-06	1.54E+01	2.31E-05	1.49E-03	1.32E-02	3.85E-03	9.05E-01	2.53E+00
2032-12-01	6	104	5.59	2.31	0.0813	5.8	0.592	0.0279	0.00387	5.69E-06	7.10E-01	7.73E-06	6.17E-03	9.51E-03	6.68E-06	9.08E-02	7.97E-06	1.55E+01	2.33E-05	1.50E-03	1.32E-02	3.90E-03	9.00E-01	2.58E+00
2033-01-01	7	116	6.18	2.57	0.0907	6.44	0.659	0.0309	0.00432	6.21E-06	7.13E-01	7.75E-06	6.87E-03	1.04E-02	7.03E-06	1.01E-01	8.51E-06	1.71E+01	2.58E-05	1.55E-03	1.32E-02	4.22E-03	9.01E-01	2.87E+00
2033-02-01	7	116	6.16	2.57	0.0906	6.43	0.658	0.0309	0.00432	6.19E-06	7.13E-01	7.75E-06	6.87E-03	1.04E-02	7.02E-06	1.01E-01	8.46E-06	1.70E+01	2.57E-05	1.55E-03	1.32E-02	4.22E-03	9.00E-01	2.87E+00
2033-03-01	7	116	6.13	2.57	0.0906	6.42	0.657	0.0308	0.00432	6.16E-06	7.13E-01	7.75E-06	6.87E-03	1.04E-02	7.02E-06	1.01E-01	8.37E-06	1.70E+01	2.57E-05	1.55E-03	1.32E-02	4.21E-03	8.98E-01	2.86E+00
2033-04-01	7	116	5.99	2.57	0.0905	6.35	0.651	0.0303	0.00431	6.02E-06	7.12E-01	7.75E-06	6.87E-03	1.03E-02	6.98E-06	1.01E-01	8.00E-06	1.66E+01	2.53E-05	1.54E-03	1.32E-02	4.20E-03	8.91E-01	2.85E+00
2033-05-01	7	101	5.67	2.22	0.0787	5.69	0.581	0.0276	0.00373	5.71E-06	7.11E-01	7.72E-06	5.94E-03	9.31E-03	6.62E-06	8.72E-02	8.27E-06	1.54E+01	2.29E-05	1.49E-03	1.32E-02	3.81E-03	9.08E-01	2.50E+00
2033-06-01	7	110	5.43	2.42	0.0847	5.86	0.603	0.0278	0.00403	5.48E-06	7.08E-01	7.73E-06	6.44E-03	9.61E-03	6.70E-06	9.43E-02	7.02E-06	1.52E+01	2.33E-05	1.51E-03	1.31E-02	3.98E-03	8.79E-01	2.65E+00
2033-07-01	7	97.6	5.53	2.14	0.0761	5.62	0.567	0.0273	0.0036	5.82E-06	7.12E-01	7.72E-06	5.75E-03	9.06E-03	6.59E-06	8.39E-02	8.84E-06	1.54E+01	2.28E-05	1.48E-03	1.32E-02	3.75E-03	9.19E-01	2.43E+00
2033-08-01	7	96.2	5.58	2.11	0.075	5.57	0.563	0.0272	0.00355	5.82E-06	7.12E-01	7.72E-06	5.66E-03	9.01E-03	6.57E-06	8.27E-02	8.95E-06	1.54E+01	2.26E-05	1.48E-03	1.33E-02	3.72E-03	9.22E-01	2.41E+00
2033-09-01	7	99.6	5.63	2.19	0.0775	5.67	0.576	0.0275	0.00367	5.79E-06	7.12E-01	7.72E-06	5.86E-03	9.19E-03	6.62E-06	8.56E-02	8.62E-06	1.55E+01	2.29E-05	1.49E-03	1.32E-02	3.79E-03	9.14E-01	2.47E+00
2033-10-01	7	100	5.66	2.2	0.078	5.68	0.578	0.0276	0.00369	5.76E-06	7.11E-01	7.72E-06	5.89E-03	9.23E-03	6.62E-06	8.62E-02	8.48E-06	1.54E+01	2.29E-05	1.49E-03	1.32E-02	3.80E-03	9.11E-01	2.48E+00
2033-11-01	7	103	5.64	2.25	0.0797	5.73	0.585	0.0277	0.00377	5.71E-06	7.11E-01	7.73E-06	6.02E-03	9.33E-03	6.64E-06	8.82E-02	8.16E-06	1.54E+01	2.30E-05	1.49E-03	1.32E-02	3.84E-03	9.04E-01	2.53E+00
2033-12-01	7	105	5.64	2.31	0.0814	5.8	0.593	0.0279	0.00386	5.70E-06	7.13E-01	7.73E-06	6.16E-03	9.45E-03	6.68E-06	9.02E-02	7.96E-06	1.55E+01	2.33E-05	1.50E-03	1.32E-02	3.90E-03	8.99E-01	2.57E+00
2034-01-01	8	117	6.24	2.58	0.0908	6.45	0.66	0.031	0.00431	6.22E-06	7.13E-01	7.75E-06	6.87E-03	1.03E-02	7.04E-06	1.00E-01	8.52E-06	1.71E+01	2.58E-05	1.55E-03	1.32E-02	4.22E-03	9.00E-01	2.86E+00
2034-02-01	8	117	6.21	2.58	0.0908	6.44	0.66	0.0309	0.00431	6.20E-06	7.13E-01	7.75E-06	6.87E-03	1.03E-02	7.03E-06	1.00E-01	8.46E-06	1.70E+01	2.57E-05	1.55E-03	1.32E-02	4.22E-03	8.99E-01	2.86E+00
2034-03-01	8	117	6.18	2.58	0.0908	6.43	0.659	0.0309	0.00431	6.17E-06	7.13E-01	7.75E-06	6.87E-03	1.03E-02	7.02E-06	1.00E-01	8.38E-06	1.70E+01	2.57E-05	1.55E-03	1.32E-02	4.21E-03	8.98E-01	2.86E+00
2034-04-01	8	117	6.03	2.58	0.0906	6.36	0.653	0.0304	0.00429	6.03E-06	7.12E-01	7.75E-06	6.87E-03	1.02E-02	6.98E-06	1.00E-01	8.00E-06	1.66E+01	2.53E-05	1.55E-03	1.32E-02			

TMF NW Pond - 15ppm TSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2038-01-01	12	116	6.15	2.52	0.0889	6.26	0.642	0.0299	0.00414	5.92E-06	7.11E-01	7.75E-06	6.72E-03	9.91E-03	6.92E-06	9.55E-02	7.80E-06	1.62E+01	2.47E-05	1.54E-03	1.32E-02	4.13E-03	8.88E-01	2.77E+00
2038-02-01	12	116	6.13	2.52	0.0889	6.25	0.641	0.0299	0.00414	5.91E-06	7.11E-01	7.75E-06	6.72E-03	9.91E-03	6.92E-06	9.55E-02	7.76E-06	1.62E+01	2.47E-05	1.54E-03	1.32E-02	4.13E-03	8.87E-01	2.77E+00
2038-03-01	12	116	6.1	2.53	0.089	6.25	0.641	0.0299	0.00414	5.89E-06	7.11E-01	7.75E-06	6.73E-03	9.91E-03	6.92E-06	9.56E-02	7.71E-06	1.62E+01	2.47E-05	1.54E-03	1.32E-02	4.13E-03	8.86E-01	2.77E+00
2038-04-01	12	117	5.97	2.54	0.0892	6.22	0.639	0.0296	0.00415	5.81E-06	7.10E-01	7.74E-06	6.75E-03	9.88E-03	6.90E-06	9.57E-02	7.48E-06	1.60E+01	2.46E-05	1.54E-03	1.32E-02	4.13E-03	8.82E-01	2.77E+00
2038-05-01	12	102	5.98	2.19	0.0778	5.67	0.576	0.0275	0.00359	5.64E-06	7.10E-01	7.72E-06	5.84E-03	9.02E-03	6.60E-06	8.28E-02	8.07E-06	1.50E+01	2.24E-05	1.49E-03	1.32E-02	3.76E-03	9.03E-01	2.44E+00
2038-06-01	12	111	5.52	2.41	0.0845	5.85	0.602	0.0278	0.00393	5.47E-06	7.08E-01	7.73E-06	6.41E-03	9.38E-03	6.70E-06	9.04E-02	6.98E-06	1.50E+01	2.32E-05	1.52E-03	1.31E-02	3.97E-03	8.77E-01	2.62E+00
2038-07-01	12	114	5.48	2.47	0.0866	5.94	0.613	0.0281	0.00403	5.48E-06	7.08E-01	7.73E-06	6.58E-03	9.53E-03	6.75E-06	9.28E-02	6.80E-06	1.51E+01	2.36E-05	1.53E-03	1.31E-02	4.04E-03	8.72E-01	2.68E+00
2038-08-01	12	106	5.8	2.28	0.0805	5.78	0.588	0.0278	0.00373	5.65E-06	7.10E-01	7.73E-06	6.07E-03	9.17E-03	6.67E-06	8.57E-02	7.85E-06	1.51E+01	2.29E-05	1.50E-03	1.32E-02	3.85E-03	8.96E-01	2.51E+00
2038-09-01	12	107	5.87	2.31	0.0816	5.83	0.595	0.028	0.00378	5.66E-06	7.10E-01	7.73E-06	6.16E-03	9.27E-03	6.69E-06	8.70E-02	7.76E-06	1.52E+01	2.31E-05	1.51E-03	1.32E-02	3.89E-03	8.93E-01	2.55E+00
2038-10-01	12	106	5.96	2.28	0.0806	5.79	0.59	0.0279	0.00373	5.66E-06	7.10E-01	7.73E-06	6.07E-03	9.20E-03	6.67E-06	8.59E-02	7.86E-06	1.52E+01	2.29E-05	1.50E-03	1.32E-02	3.85E-03	8.96E-01	2.52E+00
2038-11-01	12	107	5.92	2.31	0.0816	5.81	0.594	0.028	0.00377	5.63E-06	7.10E-01	7.73E-06	6.15E-03	9.26E-03	6.68E-06	8.69E-02	7.69E-06	1.52E+01	2.30E-05	1.51E-03	1.32E-02	3.88E-03	8.92E-01	2.54E+00
2038-12-01	12	109	5.84	2.35	0.0829	5.86	0.6	0.0281	0.00384	5.61E-06	7.10E-01	7.73E-06	6.26E-03	9.34E-03	6.70E-06	8.84E-02	7.51E-06	1.52E+01	2.32E-05	1.51E-03	1.32E-02	3.92E-03	8.88E-01	2.58E+00
2039-01-01	13	116	6.16	2.51	0.0885	6.23	0.638	0.0298	0.0041	5.89E-06	7.11E-01	7.75E-06	6.68E-03	9.84E-03	6.91E-06	9.44E-02	7.76E-06	1.61E+01	2.46E-05	1.54E-03	1.32E-02	4.11E-03	8.87E-01	2.75E+00
2039-02-01	13	116	6.14	2.51	0.0885	6.23	0.638	0.0298	0.0041	5.88E-06	7.11E-01	7.75E-06	6.69E-03	9.84E-03	6.91E-06	9.45E-02	7.73E-06	1.61E+01	2.46E-05	1.54E-03	1.32E-02	4.11E-03	8.87E-01	2.75E+00
2039-03-01	13	117	6.11	2.52	0.0886	6.22	0.638	0.0297	0.00411	5.87E-06	7.11E-01	7.75E-06	6.70E-03	9.84E-03	6.90E-06	9.46E-02	7.68E-06	1.60E+01	2.46E-05	1.54E-03	1.32E-02	4.11E-03	8.86E-01	2.75E+00
2039-04-01	13	117	5.98	2.53	0.0889	6.2	0.637	0.0295	0.00413	5.80E-06	7.10E-01	7.74E-06	6.73E-03	9.83E-03	6.89E-06	9.50E-02	7.46E-06	1.59E+01	2.45E-05	1.54E-03	1.32E-02	4.12E-03	8.82E-01	2.75E+00
2039-05-01	13	102	6.04	2.19	0.0777	5.67	0.575	0.0275	0.00358	5.64E-06	7.10E-01	7.72E-06	5.83E-03	9.89E-03	6.60E-06	8.25E-02	8.05E-06	1.50E+01	2.23E-05	1.49E-03	1.32E-02	3.76E-03	9.02E-01	2.44E+00
2039-06-01	13	111	5.54	2.41	0.0845	5.85	0.602	0.0278	0.00392	5.47E-06	7.08E-01	7.73E-06	6.41E-03	9.36E-03	6.70E-06	9.02E-02	6.97E-06	1.50E+01	2.32E-05	1.52E-03	1.31E-02	3.97E-03	8.77E-01	2.61E+00
2039-07-01	13	114	5.49	2.47	0.0866	5.94	0.613	0.0281	0.00403	5.48E-06	7.08E-01	7.73E-06	6.58E-03	9.51E-03	6.75E-06	9.26E-02	6.80E-06	1.51E+01	2.36E-05	1.53E-03	1.31E-02	4.03E-03	8.72E-01	2.67E+00
2039-08-01	13	106	5.85	2.27	0.0805	5.79	0.588	0.0278	0.00372	5.65E-06	7.10E-01	7.73E-06	6.06E-03	9.15E-03	6.67E-06	8.55E-02	7.84E-06	1.51E+01	2.29E-05	1.50E-03	1.32E-02	3.85E-03	8.95E-01	2.51E+00
2039-09-01	13	107	5.92	2.31	0.0816	5.84	0.595	0.028	0.00377	5.66E-06	7.10E-01	7.73E-06	6.15E-03	9.24E-03	6.70E-06	8.68E-02	7.76E-06	1.52E+01	2.31E-05	1.51E-03	1.32E-02	3.88E-03	8.93E-01	2.55E+00
2039-10-01	13	106	6.02	2.28	0.0806	5.8	0.59	0.0279	0.00372	5.66E-06	7.10E-01	7.73E-06	6.06E-03	9.18E-03	6.67E-06	8.57E-02	7.85E-06	1.52E+01	2.29E-05	1.50E-03	1.32E-02	3.85E-03	8.95E-01	2.52E+00
2039-11-01	13	107	5.98	2.31	0.0815	5.82	0.594	0.028	0.00377	5.63E-06	7.10E-01	7.73E-06	6.14E-03	9.24E-03	6.68E-06	8.67E-02	7.68E-06	1.52E+01	2.30E-05	1.51E-03	1.32E-02	3.88E-03	8.92E-01	2.54E+00
2039-12-01	13	110	5.93	2.36	0.0834	5.9	0.603	0.0282	0.00386	5.64E-06	7.10E-01	7.73E-06	6.29E-03	9.36E-03	6.72E-06	8.88E-02	7.54E-06	1.53E+01	2.33E-05	1.52E-03	1.32E-02	3.93E-03	8.88E-01	2.59E+00
2040-01-01	14	114	6.12	2.47	0.0871	6.14	0.629	0.0294	0.00403	5.81E-06	7.11E-01	7.74E-06	6.57E-03	9.69E-03	6.86E-06	9.28E-02	7.67E-06	1.58E+01	2.42E-05	1.53E-03</				

TMF NW Pond - 15ppm TSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2043-10-01	17	103	9.17	2.2	0.0794	5.85	0.612	0.0298	0.00354	5.46E-06	7.09E-01	7.73E-06	5.75E-03	9.60E-03	7.49E-05	8.52E-02	7.23E-06	1.59E+01	2.10E-05	1.47E-03	1.32E-02	3.66E-03	8.91E-01	2.51E+00
2043-11-01	17	101	9.89	2.14	0.078	5.8	0.611	0.03	0.00344	5.43E-06	7.09E-01	7.72E-06	5.60E-03	9.60E-03	8.99E-05	8.36E-02	7.26E-06	1.59E+01	2.05E-05	1.46E-03	1.32E-02	3.58E-03	8.94E-01	2.48E+00
2043-12-01	17	102	9.74	2.18	0.0789	5.82	0.613	0.0299	0.00349	5.42E-06	7.09E-01	7.72E-06	5.69E-03	9.64E-03	8.71E-05	8.48E-02	7.19E-06	1.59E+01	2.08E-05	1.47E-03	1.32E-02	3.62E-03	8.92E-01	2.50E+00
2044-01-01	18	105	9.71	2.23	0.0809	5.94	0.625	0.0304	0.00359	5.51E-06	7.09E-01	7.73E-06	5.84E-03	9.79E-03	8.49E-05	8.69E-02	7.26E-06	1.61E+01	2.13E-05	1.48E-03	1.32E-02	3.69E-03	8.92E-01	2.56E+00
2044-02-01	18	107	9.87	2.28	0.0826	6.06	0.638	0.031	0.00367	5.61E-06	7.10E-01	7.73E-06	5.97E-03	9.96E-03	8.59E-05	8.87E-02	7.36E-06	1.64E+01	2.17E-05	1.49E-03	1.32E-02	3.75E-03	8.92E-01	2.61E+00
2044-03-01	18	107	9.86	2.28	0.0825	6.05	0.637	0.031	0.00366	5.60E-06	7.10E-01	7.73E-06	5.96E-03	9.95E-03	8.57E-05	8.86E-02	7.36E-06	1.64E+01	2.17E-05	1.48E-03	1.32E-02	3.74E-03	8.92E-01	2.61E+00
2044-04-01	18	106	9.76	2.26	0.0816	5.99	0.631	0.0306	0.00362	5.55E-06	7.09E-01	7.73E-06	5.90E-03	9.86E-03	8.49E-05	8.77E-02	7.30E-06	1.62E+01	2.15E-05	1.48E-03	1.32E-02	3.72E-03	8.92E-01	2.58E+00
2044-05-01	18	64.7	15	1.3	0.0528	5.06	0.533	0.0303	0.00199	5.15E-06	7.10E-01	7.69E-06	3.27E-03	8.65E-03	2.37E-04	5.49E-02	8.22E-06	1.61E+01	1.35E-05	1.31E-03	1.32E-02	2.53E-03	9.39E-01	1.84E+00
2044-06-01	18	55.8	12.9	1.12	0.0456	4.36	0.46	0.0261	0.00171	4.55E-06	7.06E-01	7.66E-06	2.83E-03	7.67E-03	2.05E-04	4.74E-02	7.35E-06	1.40E+01	1.18E-05	1.28E-03	1.32E-02	2.33E-03	9.29E-01	1.59E+00
2044-07-01	18	50.2	11.6	1.01	0.041	3.93	0.413	0.0235	0.00154	4.17E-06	7.04E-01	7.65E-06	2.55E-03	7.05E-03	1.85E-04	4.26E-02	6.81E-06	1.27E+01	1.07E-05	1.26E-03	1.32E-02	2.21E-03	9.22E-01	1.44E+00
2044-08-01	18	46.4	10.7	0.936	0.0379	3.63	0.382	0.0217	0.00143	3.91E-06	7.03E-01	7.64E-06	2.36E-03	6.64E-03	1.71E-04	3.95E-02	6.44E-06	1.18E+01	9.97E-06	1.25E-03	1.32E-02	2.13E-03	9.18E-01	1.33E+00
2044-09-01	18	41.1	16.3	0.77	0.0353	3.97	0.435	0.0265	0.00105	4.28E-06	7.06E-01	7.64E-06	1.82E-03	7.48E-03	3.16E-04	3.59E-02	7.53E-06	1.41E+01	8.49E-06	1.21E-03	1.32E-02	1.85E-03	9.49E-01	1.33E+00
2044-10-01	18	34.3	18.6	0.6	0.0309	4.04	0.443	0.0284	0.000738	4.45E-06	7.08E-01	7.64E-06	1.34E-03	7.63E-03	3.89E-04	3.06E-02	8.17E-06	1.50E+01	7.15E-06	1.17E-03	1.33E-02	1.63E-03	9.66E-01	1.25E+00
2044-11-01	18	32.4	20.6	0.543	0.0297	4.01	0.455	0.0294	0.000591	4.40E-06	7.08E-01	7.64E-06	1.15E-03	7.87E-03	4.49E-04	2.94E-02	8.23E-06	1.54E+01	6.43E-06	1.16E-03	1.33E-02	1.52E-03	9.74E-01	1.24E+00
2044-12-01	18	32.1	20.9	0.532	0.0293	3.9	0.452	0.029	0.000553	4.26E-06	7.07E-01	7.63E-06	1.11E-03	7.86E-03	4.62E-04	2.92E-02	8.00E-06	1.51E+01	6.14E-06	1.15E-03	1.33E-02	1.49E-03	9.72E-01	1.22E+00
2045-01-01	19	31.9	20.8	0.528	0.0291	3.87	0.448	0.0287	0.000548	4.23E-06	7.07E-01	7.63E-06	1.10E-03	7.80E-03	4.58E-04	2.90E-02	7.95E-06	1.50E+01	6.10E-06	1.15E-03	1.33E-02	1.49E-03	9.72E-01	1.21E+00
2045-02-01	19	31.8	20.7	0.527	0.0291	3.86	0.447	0.0287	0.000547	4.23E-06	7.07E-01	7.63E-06	1.10E-03	7.80E-03	4.58E-04	2.89E-02	7.94E-06	1.50E+01	6.10E-06	1.15E-03	1.33E-02	1.49E-03	9.71E-01	1.21E+00
2045-03-01	19	31.8	20.7	0.526	0.029	3.86	0.447	0.0287	0.000546	4.22E-06	7.07E-01	7.63E-06	1.10E-03	7.79E-03	4.57E-04	2.89E-02	7.93E-06	1.49E+01	6.09E-06	1.15E-03	1.33E-02	1.49E-03	9.71E-01	1.21E+00
2045-04-01	19	31.4	20.5	0.521	0.0287	3.82	0.442	0.0284	0.000541	4.18E-06	7.06E-01	7.63E-06	1.09E-03	7.72E-03	4.52E-04	2.86E-02	7.87E-06	1.48E+01	6.03E-06	1.15E-03	1.33E-02	1.48E-03	9.70E-01	1.20E+00
2045-05-01	19	27.2	19.7	0.438	0.0259	3.95	0.436	0.0291	0.000446	4.47E-06	7.08E-01	7.64E-06	9.16E-04	7.62E-03	4.80E-04	2.49E-02	8.50E-06	1.55E+01	5.80E-06	1.14E-03	1.33E-02	1.42E-03	9.79E-01	1.15E+00
2045-06-01	19	23.4	17	0.377	0.0224	3.41	0.376	0.0251	0.000384	3.96E-06	7.05E-01	7.62E-06	0.78E-04	6.78E-03	4.14E-04	2.15E-02	7.60E-06	1.35E+01	5.14E-06	1.13E-03	1.32E-02	1.37E-03	9.63E-01	9.98E-01
2045-07-01	19	21.1	15.3	0.339	0.0201	3.07	0.338	0.0226	0.000346	3.63E-06	7.03E-01	7.61E-06	7.23E-04	6.25E-03	3.73E-04	1.94E-02	7.02E-06	1.22E+01	4.72E-06	1.13E-03	1.32E-02	1.34E-03	9.53E-01	9.03E-01
2045-08-01	19	19.5	14.1	0.314	0.0186	2.84	0.313	0.0209	0.00032	3.42E-06	7.02E-01	7.60E-06	6.73E-04	5.90E-03	3.45E-04	1.79E-02	6.64E-06	1.13E+01	4.44E-06	1.13E-03	1.32E-02	1.32E-03	9.46E-01	8.39E-01
2045-09-01	19	23.4	18	0.371	0.0224	3.45	0.389	0.0261	0.000338	3.98E-06	7.05E-01	7.62E-06	7.88E-04	7.05E-03	4.86E-04	2.16E-02	7.69E-06	1.39E+01	4.94E-06	1.13E-03	1.33E-02	1.34E-03	9.68E-01	1.02E+00
2045-10-01	19	23.9	18.9	0.377	0.0232	3.72	0.415	0.0281	0.00034	4.28E-06	7.07E-01	7.63E-06	8.14E-04	7.43E-03	5.41E-04	2.21E-02	8.25E-06							

TMF NW Pond - 15ppm TSS

Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2049-07-01	23	15.9	11.7	0.291	0.0154	2.85	0.316	0.0226	0.000249	3.60E-06	7.03E-01	7.60E-06	9.53E-04	6.62E-03	7.67E-04	1.45E-02	7.05E-06	1.25E+01	4.23E-06	1.12E-03	1.32E-02	1.27E-03	9.60E-01	8.58E-01
2049-08-01	23	14.7	10.8	0.269	0.0143	2.64	0.292	0.0209	0.00023	3.38E-06	7.02E-01	7.60E-06	8.86E-04	6.24E-03	7.10E-04	1.34E-02	6.66E-06	1.16E+01	3.99E-06	1.12E-03	1.32E-02	1.26E-03	9.53E-01	7.98E-01
2049-09-01	23	18.5	13.5	0.344	0.0177	3.21	0.364	0.0259	0.000279	3.94E-06	7.05E-01	7.62E-06	1.15E-03	7.51E-03	9.46E-04	1.68E-02	7.66E-06	1.42E+01	4.62E-06	1.12E-03	1.33E-02	1.29E-03	9.75E-01	9.88E-01
2049-10-01	23	19.4	14	0.366	0.0187	3.5	0.391	0.028	0.000306	4.26E-06	7.07E-01	7.63E-06	1.25E-03	7.96E-03	1.02E-03	1.76E-02	8.24E-06	1.54E+01	4.99E-06	1.13E-03	1.33E-02	1.32E-03	9.84E-01	1.06E+00
2049-11-01	23	20.8	14.9	0.393	0.0197	3.56	0.41	0.0291	0.000308	4.27E-06	7.07E-01	7.63E-06	1.35E-03	8.35E-03	1.12E-03	1.88E-02	8.28E-06	1.58E+01	5.01E-06	1.13E-03	1.33E-02	1.32E-03	9.88E-01	1.11E+00
2049-12-01	23	21	15.1	0.398	0.0197	3.46	0.407	0.0288	0.000297	4.14E-06	7.07E-01	7.62E-06	1.36E-03	8.37E-03	1.14E-03	1.91E-02	8.04E-06	1.56E+01	4.86E-06	1.13E-03	1.33E-02	1.31E-03	9.87E-01	1.11E+00
2050-01-01	24	20.8	15	0.395	0.0196	3.44	0.404	0.0285	0.000294	4.11E-06	7.06E-01	7.62E-06	1.35E-03	8.31E-03	1.13E-03	1.89E-02	7.99E-06	1.55E+01	4.83E-06	1.12E-03	1.33E-02	1.31E-03	9.86E-01	1.10E+00
2050-02-01	24	20.8	14.9	0.394	0.0195	3.43	0.404	0.0285	0.000294	4.11E-06	7.06E-01	7.62E-06	1.35E-03	8.31E-03	1.13E-03	1.89E-02	7.98E-06	1.54E+01	4.82E-06	1.12E-03	1.33E-02	1.31E-03	9.85E-01	1.10E+00
2050-03-01	24	20.8	14.9	0.394	0.0195	3.43	0.403	0.0285	0.000293	4.11E-06	7.06E-01	7.62E-06	1.35E-03	8.29E-03	1.13E-03	1.89E-02	7.97E-06	1.54E+01	4.82E-06	1.12E-03	1.33E-02	1.31E-03	9.85E-01	1.10E+00
2050-04-01	24	20.6	14.8	0.39	0.0193	3.39	0.399	0.0282	0.00029	4.07E-06	7.06E-01	7.62E-06	1.34E-03	8.22E-03	1.12E-03	1.87E-02	7.91E-06	1.53E+01	4.78E-06	1.12E-03	1.33E-02	1.30E-03	9.84E-01	1.08E+00
2050-05-01	24	19.5	13.8	0.376	0.0188	3.62	0.401	0.029	0.00032	4.41E-06	7.08E-01	7.63E-06	1.34E-03	8.22E-03	1.11E-03	1.75E-02	8.53E-06	1.60E+01	5.17E-06	1.13E-03	1.33E-02	1.33E-03	9.89E-01	1.09E+00
2050-06-01	24	16.8	11.9	0.325	0.0162	3.13	0.346	0.025	0.000276	3.91E-06	7.05E-01	7.62E-06	1.16E-03	7.30E-03	9.58E-04	1.52E-02	7.61E-06	1.39E+01	4.59E-06	1.12E-03	1.33E-02	1.29E-03	9.72E-01	9.46E-01
2050-07-01	24	15.1	10.7	0.292	0.0146	2.81	0.311	0.0225	0.000248	3.59E-06	7.03E-01	7.60E-06	1.05E-03	6.72E-03	8.62E-04	1.37E-02	7.04E-06	1.25E+01	4.23E-06	1.12E-03	1.32E-02	1.27E-03	9.61E-01	8.56E-01
2050-08-01	24	14	9.91	0.27	0.0135	2.6	0.288	0.0208	0.00023	3.38E-06	7.02E-01	7.60E-06	9.74E-04	6.33E-03	7.98E-04	1.27E-02	6.65E-06	1.17E+01	3.98E-06	1.12E-03	1.32E-02	1.26E-03	9.54E-01	7.96E-01
2050-09-01	24	17.6	12.3	0.346	0.0168	3.17	0.36	0.0259	0.000279	3.94E-06	7.05E-01	7.62E-06	1.27E-03	7.64E-03	1.06E-03	1.59E-02	7.67E-06	1.43E+01	4.63E-06	1.12E-03	1.33E-02	1.29E-03	9.76E-01	9.88E-01
2050-10-01	24	18.5	12.8	0.368	0.0178	3.45	0.386	0.028	0.000306	4.26E-06	7.07E-01	7.63E-06	1.37E-03	8.09E-03	1.14E-03	1.66E-02	8.24E-06	1.55E+01	4.99E-06	1.13E-03	1.33E-02	1.32E-03	9.86E-01	1.05E+00
2050-11-01	24	19.8	13.6	0.395	0.0187	3.51	0.404	0.0291	0.000308	4.27E-06	7.07E-01	7.63E-06	1.48E-03	8.50E-03	1.25E-03	1.78E-02	8.28E-06	1.59E+01	5.01E-06	1.13E-03	1.33E-02	1.32E-03	9.90E-01	1.11E+00
2050-12-01	24	20	13.7	0.4	0.0186	3.41	0.402	0.0288	0.000297	4.14E-06	7.07E-01	7.62E-06	1.49E-03	8.52E-03	1.27E-03	1.80E-02	8.04E-06	1.57E+01	4.86E-06	1.13E-03	1.33E-02	1.31E-03	9.88E-01	1.11E+00
2051-01-01	25	19.8	13.6	0.397	0.0185	3.38	0.398	0.0285	0.000294	4.11E-06	7.06E-01	7.62E-06	1.48E-03	8.46E-03	1.26E-03	1.79E-02	7.99E-06	1.56E+01	4.83E-06	1.12E-03	1.33E-02	1.31E-03	9.87E-01	1.10E+00
2051-02-01	25	19.8	13.6	0.396	0.0185	3.38	0.398	0.0285	0.000294	4.11E-06	7.06E-01	7.62E-06	1.48E-03	8.45E-03	1.26E-03	1.78E-02	7.98E-06	1.55E+01	4.82E-06	1.12E-03	1.33E-02	1.31E-03	9.87E-01	1.10E+00
2051-03-01	25	19.8	13.6	0.395	0.0184	3.37	0.397	0.0284	0.000293	4.11E-06	7.06E-01	7.62E-06	1.48E-03	8.44E-03	1.26E-03	1.78E-02	7.97E-06	1.55E+01	4.82E-06	1.12E-03	1.33E-02	1.31E-03	9.87E-01	1.09E+00
2051-04-01	25	19.6	13.4	0.391	0.0183	3.34	0.393	0.0282	0.00029	4.07E-06	7.06E-01	7.62E-06	1.46E-03	8.37E-03	1.25E-03	1.76E-02	7.91E-06	1.54E+01	4.78E-06	1.12E-03	1.33E-02	1.30E-03	9.86E-01	1.08E+00
2051-05-01	25	18.5	12.5	0.378	0.0178	3.57	0.396	0.029	0.00032	4.41E-06	7.08E-01	7.63E-06	1.46E-03	8.36E-03	1.23E-03	1.66E-02	8.53E-06	1.60E+01	5.17E-06	1.13E-03	1.33E-02	1.33E-03	9.91E-01	1.09E+00
2051-06-01	25	16	10.8	0.326	0.0154	3.08	0.342	0.025	0.000276	3.91E-06	7.05E-01	7.62E-06	1.27E-03	7.42E-03	1.06E-03	1.43E-02	7.61E-06	1.39E+01	4.59E-06	1.12E-03	1.33E-02	1.29E-03	9.74E-01	9.45E-01
2051-07-01	25	14.4	9.71	0.293	0.0138	2.77	0.307	0.0225	0.000248	3.59E-06	7.03E-01	7.60E-06	1.15E-03	6.82E-03	9.58E-04	1.29E-02	7.04E-06	1.26E+01	4.23E-06	1.12E-03	1.32E-02	1.27E-03	9.62E-01	8.55E-01
2051-08-01	25	13.3	8.99	0.271	0.0128	2.57	0.284	0.0208	0.00023	3.38E-06	7.02E-01	7.60E-06	1.07E-03	6.43E-03	8.86E-04	1.20E-02	6.65E-06	1.17E+01	3.98E-06	1.12E-03	1.32E-02	1.26E-03	9.55E-01	7.95E-01
2051-09-01	25	16.8	11.1	0.348	0.0159	3.14	0.356	0.026	0.00028	3.95E-06	7.05E-01	7.62E-06	1.39E-03	7.79E-03	1.18E-03	1.50E-02	7.70E-06	1.44E+01	4.64E-06	1.12E-03	1.33E-02	1.30E-03	9.78E-01	9.90E-01
2051-10-01	25	17.6	11.6	0.37	0.0168	3.42	0.381	0.0281	0.000307	4.26E-06	7.07E-01	7.63E-06	1.49E-03	8.24E-03	1.27E-03	1.57E-02	8.26E-06	1.56E+01	5.00E-06	1.13E-03	1.33E-02	1.32E-03	9.87E-01	1.05E+00
2051-11-01	25	18.8	12.2	0.398	0.0176	3.47	0.399	0.0292	0.000309	4.28E-06	7.07E-01	7.63E-06	1.61E-03	8.65E-03	1.38E-03	1.67E-02	8.29E-06	1.61E+01	5.02E-06	1.13E-03	1.33E-02	1.32E-03	9.92E-01	1.11E+00
2051-12-01	25	19	12.4	0.402	0.0176	3.37	0.396	0.0288	0.000297	4.15E-06	7.07E-01	7.62E-06	1.63E-03	8.67E-03	1.41E-03	1.70E-02	8.05E-06	1.58E+01	4.87E-06	1.13E-03	1.33E-02	1.31E-03	9.90E-01	1.10E+00
2052-01-01	26	18.8	12.3	0.399	0.0175	3.34	0.393	0.0286	0.000295	4.12E-06	7.06E-01	7.62E-06	1.62E-03	8.61E-03	1.40E-03	1.68E-02	8.00E-06	1.57E+01	4.84E-06	1.12E-03	1.33E-02	1.31E-03	9.89E-01	1.10E+00
2052-02-01	26	18.8	12.2	0.399	0.0174	3.33	0.393	0.0285	0.000294	4.12E-06	7.06E-01	7.62E-06	1.61E-03	8.60E-03	1.40E-03	1.68E-02	7.99E-06	1.57E+01	4.83E-06	1.12E-03	1.33E-02	1.31E-03	9.89E-01	1.09E+00
2052-03-01	26	18.8	12.2	0.398	0.0174	3.33	0.392	0.0285	0.000294	4.11E-06	7.06E-01	7.62E-06	1.61E-03	8.59E-03	1.39E-03	1.68E-02	7.98E-06	1.56E+01	4.82E-06	1.12E-03	1.33E-02	1.31E-03	9.89E-01	1.09E+00
2052-04-01	26	18.6	12.1	0.394	0.0172	3.29	0.388	0.0282	0.000291	4.08E-06	7.06E-01	7.62E-06	1.60E-03	8.52E-03	1.38E-03	1.66E-02	7.92E-06	1.55E+01	4.79E-06	1.12E-03	1.33E-02	1.30E-03	9.87E-01	1.08E+00
2052-05-01	26	17.6	11.2	0.38	0.0169	3.53	0.391	0.0291	0.00032	4.41E-06	7.08E-01	7.63E-06	1.59E-03	8.49E-03	1.36E-03	1.56E-02	8.53E-06	1.62E+01	5.17E-06	1.13E-03	1.33E-02	1.33E-03	9.92E-01	1.08E+00
2052-06-01	26	15.2	9.7	0.328	0.0145	3.04	0.337	0.0251	0.000276	3.91E-06	7.05E-01	7.62E-06	1.38E-03	7.53E-03	1.17E-03	1.35E-02	7.62E-06	1.40E+01	4.60E-06	1.12E-03	1.33E-02	1.29E-03	9.75E-01	9.44E-01
2052-07-01	26	13.7	8.73	0.295	0.0131	2.74	0.303	0.0225	0.000248	3.59E-06	7.03E-01	7.60E-06	1.25E-03	6.93E-03	1.05E-03	1.21E-02	7.04E-06	1.27E+01	4.23E-06	1.12E-03	1.32E-02	1.27E-03	9.63E-01	8.54E-01
2052-08-01	26	12.6	8.07	0.273	0.0121	2.53	0.281	0.0209	0.00023	3.38E-06	7.02E-01	7.60E-06	1.16E-03	6.52E-03	9.76E-04	1.13E-02	6.66E-06	1.18E+01	3.99E-06	1.12E-03	1.32E-02	1.26E-03	9.56E-01	7.94E-01
2052-09-01	26	16	10	0.352	0.0151	3.12	0.353	0.0262	0.000282	3.98E-06	7.05E-01	7.62E-06	1.51E-03	7.94E-03	1.30E-03	1.42E-02	7.74E-06	1.46E+01	4.68E-06	1.12E-03	1.33E-02	1.30E-03	9.80E-01	9.95E-01
2052-10-01	26	16.7	10.3	0.373	0.0159	3.38	0.378	0.0282	0.000309	4.28E-06	7.07E-01	7.63E-06	1.62E-03	8.38E-03										

TMF NW Pond - 15ppm TSS

Date	Mine Year	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TMF NW Pond Statistics (Year 1 to Year																					
Minimum		0.000205755	2.661	0.01621	0.00016565	0.0967	0.21845	0.012862	0.00004005	0.00002096	0.000023955	0.00171195	0.0036685	0.0228141	7.045E-07	0.000045165	0.0013795	0.000028535	0.00010486	0.001191	0.002685
P10		0.002852155	22.327	0.02845	0.00177765	0.19348	4.02245	0.01458	0.00006783	0.0002373	0.000028355	0.05777195	0.0381585	0.02281782	2.0755E-06	0.000056685	0.0014125	0.000620735	0.00036875	0.003252	0.013075
Median		0.005360155	40.507	0.04825	0.00539765	0.5621	4.60245	0.01718	0.00064045	0.0003913	0.000995755	0.22109195	0.0729185	0.02388	2.9555E-06	0.004132265	0.0059355	0.000876735	0.00064035	0.01448	0.023375
P90		0.008098155	50.487	0.06063	0.06001765	1.4151	5.61245	0.01798	0.00075185	0.0004503	0.001277755	0.38689195	0.0915785	0.024108	3.1355E-06	0.004850265	0.0072255	0.001621735	0.00107835	0.01658	0.032175
Maximum		0.010430155	51.807	0.06525	0.00734765	1.5851	5.91245	0.01815	0.00089445	0.0004763	0.001297755	0.56709195	0.1113185	0.02448	3.3055E-06	0.006292265	0.0088255	0.001943735	0.00144735	0.02008	0.033475
Monthly Results																					
2027-02-01	1	2.06E-04	2.66E+00	1.62E-02	1.66E-04	9.67E-02	2.18E-01	1.29E-02	4.01E-05	2.10E-05	3.31E-05	1.71E-03	3.67E-03	2.28E-02	7.05E-07	1.36E-04	1.42E-03	2.85E-05	1.05E-04	1.19E-03	2.69E-03
2027-03-01	1	3.26E-04	4.19E+00	1.79E-02	4.17E-04	9.93E-02	4.02E-01	1.30E-02	6.98E-05	3.48E-05	7.35E-05	4.30E-03	7.43E-03	2.29E-02	7.83E-07	3.50E-04	1.68E-03	6.80E-05	1.17E-04	1.85E-03	3.50E-03
2027-04-01	1	8.67E-04	1.10E+01	2.56E-02	1.55E-03	1.11E-01	1.23E+00	1.38E-02	2.02E-04	9.67E-05	2.55E-04	1.59E-02	2.42E-02	2.32E-02	1.13E-06	1.31E-03	2.84E-03	2.46E-04	1.71E-04	4.78E-03	7.15E-03
2027-05-01	1	8.09E-03	2.78E+01	4.88E-02	4.01E-03	6.81E-01	3.61E+00	1.57E-02	5.44E-04	2.81E-04	6.67E-04	4.41E-01	6.55E-02	2.37E-02	2.42E-06	3.38E-03	5.46E-03	1.48E-03	1.15E-03	1.20E-02	1.65E-02
2027-06-01	1	4.87E-03	4.06E+01	5.99E-02	6.35E-03	3.12E-01	4.91E+00	1.73E-02	7.83E-04	3.74E-04	1.03E-03	1.78E-01	9.72E-02	2.43E-02	2.78E-06	5.39E-03	7.79E-03	1.24E-03	6.40E-04	1.75E-02	2.31E-02
2027-07-01	1	4.18E-03	4.42E+01	6.32E-02	7.00E-03	2.29E-01	5.29E+00	1.77E-02	8.51E-04	4.02E-04	1.13E-03	1.18E-01	1.06E-01	2.44E-02	2.89E-06	5.95E-03	8.44E-03	1.20E-03	5.29E-04	1.91E-02	2.50E-02
2027-08-01	1	9.77E-03	3.82E+01	6.11E-02	5.72E-03	7.46E-01	4.88E+00	1.70E-02	7.54E-04	3.82E-04	9.44E-04	5.16E-01	9.06E-02	2.41E-02	3.02E-06	4.84E-03	7.23E-03	1.87E-03	1.35E-03	1.66E-02	2.20E-02
2027-09-01	1	1.01E-02	3.82E+01	6.12E-02	5.67E-03	8.10E-01	4.95E+00	1.69E-02	7.49E-04	3.81E-04	9.34E-04	5.35E-01	9.12E-02	2.41E-02	3.03E-06	4.78E-03	7.17E-03	1.91E-03	1.39E-03	1.65E-02	2.22E-02
2027-10-01	1	1.04E-02	3.70E+01	6.02E-02	5.43E-03	8.62E-01	4.84E+00	1.68E-02	7.24E-04	3.72E-04	8.96E-04	5.67E-01	8.82E-02	2.40E-02	3.00E-06	4.57E-03	6.92E-03	1.94E-03	1.45E-03	1.59E-02	2.16E-02
2027-11-01	1	1.01E-02	3.73E+01	6.03E-02	5.48E-03	8.60E-01	4.90E+00	1.68E-02	7.26E-04	3.71E-04	9.02E-04	5.46E-01	8.95E-02	2.40E-02	2.98E-06	4.61E-03	6.96E-03	1.90E-03	1.41E-03	1.60E-02	2.19E-02
2027-12-01	1	8.65E-03	3.92E+01	6.10E-02	5.86E-03	7.26E-01	5.05E+00	1.70E-02	7.56E-04	3.78E-04	9.58E-04	4.36E-01	9.44E-02	2.41E-02	2.95E-06	4.93E-03	7.32E-03	1.72E-03	1.18E-03	1.67E-02	2.29E-02
2028-01-01	2	8.20E-03	3.98E+01	6.14E-02	5.99E-03	6.76E-01	5.09E+00	1.71E-02	7.68E-04	3.81E-04	9.79E-04	4.03E-01	9.59E-02	2.42E-02	2.95E-06	5.05E-03	7.45E-03	1.67E-03	1.12E-03	1.70E-02	2.32E-02
2028-02-01	2	8.11E-03	4.00E+01	6.15E-02	6.02E-03	6.65E-01	5.10E+00	1.71E-02	7.71E-04	3.82E-04	9.84E-04	3.97E-01	9.63E-02	2.42E-02	2.95E-06	5.08E-03	7.48E-03	1.66E-03	1.10E-03	1.71E-02	2.33E-02
2028-03-01	2	7.96E-03	4.02E+01	6.17E-02	6.08E-03	6.49E-01	5.12E+00	1.72E-02	7.76E-04	3.84E-04	9.93E-04	3.86E-01	9.69E-02	2.42E-02	2.96E-06	5.13E-03	7.54E-03	1.64E-03	1.08E-03	1.72E-02	2.34E-02
2028-04-01	2	7.30E-03	4.14E+01	6.24E-02	6.31E-03	5.73E-01	5.20E+00	1.73E-02	7.97E-04	3.91E-04	1.03E-03	3.37E-01	9.96E-02	2.42E-02	2.96E-06	5.34E-03	7.77E-03	1.57E-03	9.80E-04	1.77E-02	2.39E-02
2028-05-01	2	9.85E-03	3.67E+01	5.93E-02	5.40E-03	8.00E-01	4.79E+00	1.68E-02	7.16E-04	3.67E-04	8.97E-04	5.26E-01	8.71E-02	2.40E-02	2.94E-06	4.55E-03	6.88E-03	1.85E-03	1.36E-03	1.58E-02	2.13E-02
2028-06-01	2	5.36E-03	4.33E+01	6.28E-02	6.74E-03	3.46E-01	5.24E+00	1.76E-02	8.32E-04	3.98E-04	1.11E-03	2.01E-01	1.03E-01	2.43E-02	2.93E-06	5.72E-03	8.19E-03	1.34E-03	7.00E-04	1.86E-02	2.45E-02
2028-07-01	2	4.38E-03	4.54E+01	6.43E-02	7.15E-03	2.42E-01	5.43E+00	1.79E-02	8.71E-04	4.11E-04	1.17E-03	1.28E-01	1.08E-01	2.44E-02	2.95E-06	6.09E-03	8.61E-03	1.24E-03	5.54E-04	1.95E-02	2.55E-02
2028-08-01	2	9.75E-03	3.88E+01	6.15E-02	5.78E-03	7.38E-01	4.96E+00	1.70E-02	7.60E-04	3.87E-04	9.62E-04	5.12E-01	9.14E-02	2.41E-02	3.05E-06	4.89E-03	7.29E-03	1.87E-03	1.34E-03	1.68E-02	2.21E-02
2028-09-01	2	9.99E-03	3.87E+01	6.14E-02	5.72E-03	7.95E-01	5.01E+00	1.70E-02	7.52E-04	3.84E-04	9.49E-04	5.28E-01	9.16E-02	2.41E-02	3.04E-06	4.82E-03	7.21E-03	1.90E-03	1.38E-03	1.66E-02	2.23E-02
2028-10-01	2	1.03E-02	3.73E+01	6.02E-02	5.46E-03	8.43E-01	4.89E+00	1.68E-02	7.26E-04	3.74E-04	9.08E-04	5.58E-01	8.83E-02	2.40E-02	3.00E-06	4.60E-03	6.94E-03	1.92E-03	1.43E-03	1.60E-02	2.16E-02
2028-11-01	2	1.01E-02	3.75E+01	6.01E-02	5.49E-03	8.44E-01	4.94E+00	1.68E-02	7.25E-04	3.72E-04	9.10E-04	5.38E-01	8.92E-02	2.40E-02	2.98E-06	4.61E-03	6.95E-03	1.88E-03	1.39E-03	1.60E-02	2.19E-02

TMF NW Pond - 15ppm TSS

Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2032-04-01	6	5.73E-03	4.24E+01	5.61E-02	5.81E-03	4.61E-01	4.94E+00	1.73E-02	7.16E-04	4.02E-04	1.04E-03	2.42E-01	8.78E-02	2.41E-02	2.97E-06	4.76E-03	6.94E-03	1.28E-03	7.60E-04	1.61E-02	2.52E-02
2032-05-01	6	4.73E-03	4.27E+01	4.94E-02	5.23E-03	3.76E-01	4.21E+00	1.72E-02	6.35E-04	4.07E-04	1.04E-03	1.96E-01	7.33E-02	2.39E-02	2.97E-06	4.08E-03	5.98E-03	1.09E-03	6.46E-04	1.43E-02	2.73E-02
2032-06-01	6	2.66E-03	4.69E+01	4.94E-02	5.72E-03	1.73E-01	3.98E+00	1.77E-02	6.75E-04	4.24E-04	1.18E-03	5.52E-02	7.66E-02	2.40E-02	2.98E-06	4.43E-03	6.28E-03	8.53E-04	3.57E-04	1.53E-02	3.07E-02
2032-07-01	6	4.86E-03	4.34E+01	4.81E-02	5.11E-03	3.65E-01	4.06E+00	1.72E-02	6.23E-04	4.21E-04	1.06E-03	2.12E-01	6.92E-02	2.38E-02	3.06E-06	3.92E-03	5.75E-03	1.10E-03	6.76E-04	1.40E-02	2.82E-02
2032-08-01	6	5.00E-03	4.30E+01	4.79E-02	5.04E-03	3.82E-01	4.06E+00	1.72E-02	6.15E-04	4.19E-04	1.05E-03	2.21E-01	6.84E-02	2.38E-02	3.05E-06	3.86E-03	5.68E-03	1.11E-03	6.95E-04	1.38E-02	2.80E-02
2032-09-01	6	4.54E-03	4.43E+01	4.84E-02	5.22E-03	3.41E-01	4.07E+00	1.73E-02	6.31E-04	4.24E-04	1.08E-03	1.88E-01	7.05E-02	2.39E-02	3.06E-06	4.00E-03	5.82E-03	1.06E-03	6.27E-04	1.42E-02	2.88E-02
2032-10-01	6	4.36E-03	4.45E+01	4.84E-02	5.25E-03	3.30E-01	4.06E+00	1.74E-02	6.33E-04	4.24E-04	1.09E-03	1.75E-01	7.10E-02	2.39E-02	3.05E-06	4.03E-03	5.85E-03	1.04E-03	6.02E-04	1.43E-02	2.91E-02
2032-11-01	6	3.95E-03	4.53E+01	4.86E-02	5.38E-03	2.92E-01	4.05E+00	1.75E-02	6.44E-04	4.26E-04	1.12E-03	1.46E-01	7.23E-02	2.39E-02	3.05E-06	4.13E-03	5.95E-03	9.99E-04	5.43E-04	1.45E-02	2.96E-02
2032-12-01	6	3.66E-03	4.61E+01	4.90E-02	5.50E-03	2.64E-01	4.05E+00	1.76E-02	6.56E-04	4.29E-04	1.14E-03	1.25E-01	7.37E-02	2.39E-02	3.05E-06	4.22E-03	6.05E-03	9.70E-04	5.01E-04	1.48E-02	3.02E-02
2033-01-01	7	3.90E-03	5.12E+01	5.27E-02	6.13E-03	2.68E-01	4.47E+00	1.81E-02	7.28E-04	4.75E-04	1.27E-03	1.29E-01	8.20E-02	2.40E-02	3.31E-06	4.71E-03	6.60E-03	1.05E-03	5.24E-04	1.64E-02	3.34E-02
2033-02-01	7	3.84E-03	5.12E+01	5.26E-02	6.13E-03	2.63E-01	4.45E+00	1.81E-02	7.27E-04	4.74E-04	1.27E-03	1.25E-01	8.19E-02	2.40E-02	3.30E-06	4.71E-03	6.60E-03	1.05E-03	5.16E-04	1.64E-02	3.34E-02
2033-03-01	7	3.75E-03	5.11E+01	5.25E-02	6.13E-03	2.55E-01	4.43E+00	1.81E-02	7.27E-04	4.73E-04	1.28E-03	1.19E-01	8.19E-02	2.40E-02	3.29E-06	4.72E-03	6.61E-03	1.03E-03	5.03E-04	1.64E-02	3.34E-02
2033-04-01	7	3.34E-03	5.09E+01	5.21E-02	6.13E-03	2.19E-01	4.34E+00	1.81E-02	7.23E-04	4.66E-04	1.28E-03	9.24E-02	8.15E-02	2.40E-02	3.24E-06	4.72E-03	6.60E-03	9.81E-04	4.46E-04	1.63E-02	3.33E-02
2033-05-01	7	4.10E-03	4.50E+01	4.83E-02	5.30E-03	3.10E-01	4.06E+00	1.74E-02	6.37E-04	4.24E-04	1.11E-03	1.56E-01	7.15E-02	2.39E-02	3.04E-06	4.07E-03	5.88E-03	1.01E-03	5.63E-04	1.44E-02	2.94E-02
2033-06-01	7	2.49E-03	4.77E+01	4.91E-02	5.74E-03	1.55E-01	3.93E+00	1.78E-02	6.75E-04	4.29E-04	1.21E-03	4.42E-02	7.61E-02	2.40E-02	3.00E-06	4.43E-03	6.26E-03	8.32E-04	3.34E-04	1.53E-02	3.13E-02
2033-07-01	7	4.80E-03	4.38E+01	4.80E-02	5.11E-03	3.55E-01	4.06E+00	1.73E-02	6.22E-04	4.23E-04	1.08E-03	2.07E-01	6.89E-02	2.38E-02	3.07E-06	3.92E-03	5.73E-03	1.09E-03	6.66E-04	1.40E-02	2.84E-02
2033-08-01	7	4.96E-03	4.33E+01	4.77E-02	5.04E-03	3.75E-01	4.07E+00	1.72E-02	6.15E-04	4.21E-04	1.06E-03	2.18E-01	6.81E-02	2.38E-02	3.06E-06	3.86E-03	5.67E-03	1.11E-03	6.89E-04	1.38E-02	2.81E-02
2033-09-01	7	4.51E-03	4.45E+01	4.83E-02	5.22E-03	3.36E-01	4.08E+00	1.74E-02	6.31E-04	4.25E-04	1.10E-03	1.86E-01	7.03E-02	2.39E-02	3.07E-06	4.00E-03	5.81E-03	1.06E-03	6.23E-04	1.42E-02	2.89E-02
2033-10-01	7	4.35E-03	4.47E+01	4.83E-02	5.25E-03	3.25E-01	4.07E+00	1.74E-02	6.33E-04	4.25E-04	1.10E-03	1.74E-01	7.07E-02	2.39E-02	3.06E-06	4.03E-03	5.84E-03	1.04E-03	5.99E-04	1.43E-02	2.91E-02
2033-11-01	7	3.95E-03	4.55E+01	4.85E-02	5.37E-03	2.89E-01	4.05E+00	1.75E-02	6.43E-04	4.26E-04	1.13E-03	1.45E-01	7.21E-02	2.39E-02	3.05E-06	4.12E-03	5.94E-03	9.97E-04	5.41E-04	1.45E-02	2.97E-02
2033-12-01	7	3.66E-03	4.63E+01	4.89E-02	5.49E-03	2.61E-01	4.05E+00	1.76E-02	6.55E-04	4.30E-04	1.15E-03	1.35E-01	7.35E-02	2.39E-02	3.06E-06	4.22E-03	6.04E-03	9.69E-04	4.99E-04	1.48E-02	3.02E-02
2034-01-01	8	3.90E-03	5.14E+01	5.27E-02	6.13E-03	2.66E-01	4.48E+00	1.81E-02	7.28E-04	4.76E-04	1.29E-03	1.28E-01	8.18E-02	2.40E-02	3.31E-06	4.72E-03	6.60E-03	1.05E-03	5.23E-04	1.64E-02	3.35E-02
2034-02-01	8	3.84E-03	5.14E+01	5.26E-02	6.13E-03	2.61E-01	4.46E+00	1.81E-02	7.28E-04	4.75E-04	1.29E-03	1.24E-01	8.18E-02	2.40E-02	3.31E-06	4.72E-03	6.60E-03	1.05E-03	5.15E-04	1.64E-02	3.35E-02
2034-03-01	8	3.75E-03	5.14E+01	5.25E-02	6.13E-03	2.52E-01	4.44E+00	1.81E-02	7.27E-04	4.74E-04	1.29E-03	1.18E-01	8.17E-02	2.40E-02	3.30E-06	4.72E-03	6.60E-03	1.03E-03	5.02E-04	1.64E-02	3.35E-02
2034-04-01	8	3.34E-03	5.12E+01	5.20E-02	6.12E-03	2.17E-01	4.34E+00	1.81E-02	7.24E-04	4.67E-04	1.29E-03	9.21E-02	8.14E-02	2.40E-02	3.24E-06	4.72E-03	6.60E-03	9.83E-04	4.46E-04	1.63E-02	3.34E-02
2034-05-01	8	4.11E-03	4.53E+01	4.83E-02	5.30E-03	3.07E-01	4.06E+00	1.74E-02	6.37E-04	4.24E-04	1.12E-03	1.56E-01	7.13E-02	2.39E-02	3.04E-06	4.07E-03	5.88E-03	1.01E-03	5.62E-04	1.44E-02	2.94E-02
2034-06-01	8	2.49E-03	4.80E+01	4.90E-02	5.73E-03	1.54E-01	3.93E+00	1.78E-02	6.75E-04	4.29E-04	1.22E-03	4.41E-02	7.60E-02	2.40E-02	3.00E-06	4.44E-03	6.26E-03	8.33E-04	3.34E-04	1.53E-02	3.13E-02
2034-07-01	8	4.80E-03	4.41E+01	4.79E-02	5.11E-03	3.52E-01	4.04E+00	1.73E-02	6.22E-04	4.23E-04	1.09E-03	2.07E-01	6.87E-02	2.38E-02	3.07E-06	3.93E-03	5.73E-03	1.09E-03	6.66E-04	1.40E-02	2.84E-02
2034-08-01	8	4.97E-03	4.36E+01	4.77E-02	5.04E-03	3.72E-01	4.05E+00	1.72E-02	6.15E-04	4.21E-04	1.07E-03	2.18E-01	6.80E-02	2.38E-02	3.06E-06	3.87E-03	5.67E-03	1.11E-03	6.89E-04	1.38E-02	2.81E-02
2034-09-01	8	4.52E-03	4.48E+01	4.82E-02	5.21E-03	3.33E-01	4.06E+00	1.74E-02	6.31E-04	4.25E-04	1.11E-03	1.85E-01	7.01E-02	2.39E-02	3.07E-06	4.01E-03	5.82E-03	1.06E-03	6.23E-04	1.42E-02	2.89E-02
2034-10-01	8	4.36E-03	4.50E+01	4.83E-02	5.25E-03	3.22E-01	4.06E+00	1.74E-02	6.33E-04	4.25E-04	1.12E-03	1.74E-01	7.06E-02	2.39E-02	3.06E-06	4.03E-03	5.84E-03	1.04E-03	5.98E-04	1.43E-02	2.91E-02
2034-11-01	8	3.95E-03	4.58E+01	4.85E-02	5.37E-03	2.86E-01	4.04E+00	1.75E-02	6.44E-04	4.26E-04	1.14E-03	1.45E-01	7.19E-02	2.39E-02	3.05E-06	4.13E-03	5.94E-03	9.99E-04	5.40E-04	1.45E-02	2.97E-02
2034-12-01	8	3.67E-03	4.66E+01	4.89E-02	5.49E-03	2.59E-01	4.05E+00	1.76E-02	6.55E-04	4.30E-04	1.17E-03	1.24E-01	7.33E-02	2.39E-02	3.06E-06	4.23E-03	6.05E-03	9.71E-04	4.99E-04	1.48E-02	3.02E-02
2035-01-01	9	3.91E-03	5.18E+01	5.26E-02	6.12E-03	2.63E-01	4.47E+00	1.82E-02	7.28E-04	4.76E-04	1.30E-03	1.28E-01	8.17E-02	2.40E-02	3.31E-06	4.73E-03	6.60E-03	1.06E-03	5.22E-04	1.64E-02	3.35E-02
2035-02-01	9	3.85E-03	5.17E+01	5.26E-02	6.12E-03	2.58E-01	4.45E+00	1.82E-02	7.28E-04	4.75E-04	1.30E-03	1.24E-01	8.16E-02	2.40E-02	3.31E-06	4.73E-03	6.60E-03	1.05E-03	5.14E-04	1.64E-02	3.35E-02
2035-03-01	9	3.75E-03	5.17E+01	5.25E-02	6.12E-03	2.50E-01	4.43E+00	1.82E-02	7.27E-04	4.74E-04	1.30E-03	1.18E-01	8.16E-02	2.40E-02	3.30E-06	4.73E-03	6.60E-03	1.04E-03	5.01E-04	1.64E-02	3.35E-02
2035-04-01	9	3.34E-03	5.15E+01	5.20E-02	6.11E-03	2.16E-01	4.34E+00	1.81E-02	7.24E-04	4.67E-04	1.30E-03	9.19E-02	8.13E-02	2.40E-02	3.24E-06	4.73E-03	6.60E-03	9.84E-04	4.45E-04	1.63E-02	3.34E-02
2035-05-01	9	4.12E-03	4.55E+01	4.83E-02	5.30E-03	3.04E-01	4.05E+00	1.75E-02	6.36E-04	4.24E-04	1.13E-03	1.56E-01	7.12E-02	2.39E-02	3.04E-06	4.08E-03	5.88E-03	1.01E-03	5.62E-04	1.44E-02	2.94E-02
2035-06-01	9	2.49E-03	4.81E+01	4.90E-02	5.72E-03	1.53E-01	3.93E+00	1.78E-02	6.75E-04	4.29E-04	1.23E-03	4.41E-02	7.59E-02	2.40E-02	3.00E-06	4.44E-03	6.26E-03	8.35E-04	3.34E-04	1.53E-02	3.13E-02
2035-07-01	9	2.19E-03	4.91E+01	4.95E-02	5.86E-03	1.24E-01	3.94E+00	1.79E-02	6.89E-04	4.34E-04	1.26E-03	2.24E-02	7.75E-02	2.40E-02	3.01E-06	4.56E-03	6.38E-03	8.07E-04	2.91E-04	1.56E-02	3.20E-02
2035-08-01	9	3.55E-03	4.64E+01	4.85E-02	5.44E-03	2.47E-01	4.00E+00	1.76E-02	6.50E-04	4.26E-04	1.17E-03	1.18E-01	7.26E-02	2.39E-02	3.03E-06	4.20E-03	6.01E-03	9.53E-04	4.84E-04	1.47E-02	3.00E-02
2035-09-01	9	3.39E-03	4.71E+01	4.89E-02	5.54E-03	2.33E-01	4.02E+00	1.77E-02	6.59E-04	4.30E-04	1.19E-03	1.05E-01	7.38E-02	2.39E-02	3.04E-06	4.28E-03	6.09E-03	9.39E-04	4.59E-04	1.49E-02	3.05E-02
2035-10																					

TMF NW Pond - 15ppm TSS

Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2038-01-01	12	3.19E-03	5.09E+01	5.11E-02	5.98E-03	2.05E-01	4.28E+00	1.81E-02	7.07E-04	4.59E-04	1.29E-03	8.20E-02	7.94E-02	2.40E-02	3.19E-06	4.63E-03	6.48E-03	9.48E-04	4.21E-04	1.60E-02	3.27E-02
2038-02-01	12	3.15E-03	5.09E+01	5.11E-02	5.98E-03	2.02E-01	4.27E+00	1.81E-02	7.07E-04	4.59E-04	1.29E-03	7.96E-02	7.95E-02	2.40E-02	3.19E-06	4.64E-03	6.48E-03	9.44E-04	4.16E-04	1.60E-02	3.27E-02
2038-03-01	12	3.09E-03	5.09E+01	5.10E-02	5.99E-03	1.96E-01	4.26E+00	1.81E-02	7.08E-04	4.58E-04	1.30E-03	7.57E-02	7.95E-02	2.40E-02	3.18E-06	4.64E-03	6.49E-03	9.37E-04	4.08E-04	1.60E-02	3.28E-02
2038-04-01	12	2.83E-03	5.09E+01	5.09E-02	6.01E-03	1.74E-01	4.20E+00	1.81E-02	7.09E-04	4.55E-04	1.30E-03	5.90E-02	7.96E-02	2.40E-02	3.16E-06	4.67E-03	6.51E-03	9.04E-04	3.72E-04	1.60E-02	3.28E-02
2038-05-01	12	3.93E-03	4.54E+01	4.76E-02	5.22E-03	2.83E-01	4.00E+00	1.74E-02	6.25E-04	4.21E-04	1.13E-03	1.42E-01	6.98E-02	2.38E-02	3.02E-06	4.01E-03	5.80E-03	9.75E-04	5.31E-04	1.41E-02	2.89E-02
2038-06-01	12	2.45E-03	4.83E+01	4.88E-02	5.69E-03	1.49E-01	3.91E+00	1.78E-02	6.71E-04	4.28E-04	1.24E-03	4.11E-02	7.54E-02	2.40E-02	2.99E-06	4.43E-03	6.23E-03	8.27E-04	3.26E-04	1.52E-02	3.12E-02
2038-07-01	12	2.17E-03	4.93E+01	4.93E-02	5.84E-03	1.22E-01	3.93E+00	1.79E-02	6.87E-04	4.33E-04	1.27E-03	2.10E-02	7.72E-02	2.40E-02	3.01E-06	4.55E-03	6.37E-03	8.05E-04	2.88E-04	1.56E-02	3.19E-02
2038-08-01	12	3.55E-03	4.67E+01	4.82E-02	5.40E-03	2.42E-01	4.00E+00	1.76E-02	6.45E-04	4.28E-04	1.17E-03	1.16E-01	7.19E-02	2.39E-02	3.04E-06	4.18E-03	5.98E-03	9.47E-04	4.80E-04	1.46E-02	2.98E-02
2038-09-01	12	3.43E-03	4.73E+01	4.86E-02	5.48E-03	2.32E-01	4.02E+00	1.76E-02	6.53E-04	4.31E-04	1.19E-03	1.06E-01	7.30E-02	2.39E-02	3.05E-06	4.24E-03	6.04E-03	9.36E-04	4.61E-04	1.48E-02	3.02E-02
2038-10-01	12	3.59E-03	4.68E+01	4.83E-02	5.41E-03	2.48E-01	4.02E+00	1.76E-02	6.45E-04	4.28E-04	1.17E-03	1.17E-01	7.21E-02	2.39E-02	3.04E-06	4.18E-03	5.98E-03	9.48E-04	4.81E-04	1.46E-02	2.99E-02
2038-11-01	12	3.37E-03	4.72E+01	4.85E-02	5.48E-03	2.30E-01	4.01E+00	1.76E-02	6.52E-04	4.29E-04	1.19E-03	1.02E-01	7.30E-02	2.39E-02	3.04E-06	4.24E-03	6.04E-03	9.25E-04	4.51E-04	1.48E-02	3.02E-02
2038-12-01	12	3.11E-03	4.78E+01	4.87E-02	5.57E-03	2.06E-01	4.01E+00	1.77E-02	6.61E-04	4.31E-04	1.21E-03	8.43E-02	7.41E-02	2.39E-02	3.04E-06	4.32E-03	6.12E-03	9.01E-04	4.15E-04	1.50E-02	3.06E-02
2039-01-01	13	3.18E-03	5.08E+01	5.09E-02	5.95E-03	2.02E-01	4.24E+00	1.80E-02	7.04E-04	4.57E-04	1.29E-03	8.14E-02	7.90E-02	2.40E-02	3.18E-06	4.61E-03	6.45E-03	9.44E-04	4.19E-04	1.59E-02	3.26E-02
2039-02-01	13	3.14E-03	5.08E+01	5.09E-02	5.95E-03	1.99E-01	4.23E+00	1.80E-02	7.04E-04	4.57E-04	1.29E-03	7.89E-02	7.90E-02	2.40E-02	3.18E-06	4.62E-03	6.46E-03	9.39E-04	4.14E-04	1.59E-02	3.26E-02
2039-03-01	13	3.08E-03	5.09E+01	5.09E-02	5.96E-03	1.94E-01	4.22E+00	1.80E-02	7.05E-04	4.56E-04	1.30E-03	7.51E-02	7.91E-02	2.40E-02	3.17E-06	4.63E-03	6.46E-03	9.32E-04	4.06E-04	1.59E-02	3.26E-02
2039-04-01	13	2.82E-03	5.09E+01	5.07E-02	5.98E-03	1.72E-01	4.17E+00	1.81E-02	7.06E-04	4.53E-04	1.30E-03	5.85E-02	7.93E-02	2.40E-02	3.15E-06	4.65E-03	6.49E-03	9.01E-04	3.71E-04	1.60E-02	3.27E-02
2039-05-01	13	3.91E-03	4.55E+01	4.75E-02	5.21E-03	2.78E-01	4.00E+00	1.74E-02	6.23E-04	4.21E-04	1.13E-03	1.40E-01	6.96E-02	2.38E-02	3.02E-06	4.01E-03	5.79E-03	9.70E-04	5.26E-04	1.41E-02	2.88E-02
2039-06-01	13	2.44E-03	4.83E+01	4.87E-02	5.69E-03	1.47E-01	3.91E+00	1.78E-02	6.71E-04	4.28E-04	1.24E-03	4.05E-02	7.53E-02	2.40E-02	2.99E-06	4.43E-03	6.23E-03	8.26E-04	3.25E-04	1.52E-02	3.12E-02
2039-07-01	13	2.17E-03	4.94E+01	4.93E-02	5.83E-03	1.21E-01	3.93E+00	1.79E-02	6.87E-04	4.33E-04	1.28E-03	2.07E-02	7.71E-02	2.40E-02	3.01E-06	4.55E-03	6.37E-03	8.04E-04	2.87E-04	1.56E-02	3.19E-02
2039-08-01	13	3.55E-03	4.67E+01	4.82E-02	5.40E-03	2.39E-01	4.00E+00	1.76E-02	6.44E-04	4.28E-04	1.17E-03	1.16E-01	7.18E-02	2.39E-02	3.04E-06	4.18E-03	5.97E-03	9.44E-04	4.78E-04	1.46E-02	2.97E-02
2039-09-01	13	3.43E-03	4.73E+01	4.85E-02	5.48E-03	2.30E-01	4.03E+00	1.76E-02	6.52E-04	4.31E-04	1.19E-03	1.06E-01	7.29E-02	2.39E-02	3.05E-06	4.24E-03	6.04E-03	9.34E-04	4.59E-04	1.48E-02	3.02E-02
2039-10-01	13	3.58E-03	4.69E+01	4.83E-02	5.41E-03	2.45E-01	4.03E+00	1.76E-02	6.45E-04	4.29E-04	1.17E-03	1.16E-01	7.20E-02	2.39E-02	3.04E-06	4.18E-03	5.97E-03	9.45E-04	4.79E-04	1.46E-02	2.98E-02
2039-11-01	13	3.37E-03	4.73E+01	4.84E-02	5.48E-03	2.28E-01	4.02E+00	1.76E-02	6.51E-04	4.29E-04	1.19E-03	1.01E-01	7.28E-02	2.39E-02	3.04E-06	4.23E-03	6.03E-03	9.23E-04	4.49E-04	1.47E-02	3.01E-02
2039-12-01	13	3.14E-03	4.81E+01	4.89E-02	5.60E-03	2.06E-01	4.03E+00	1.77E-02	6.64E-04	4.34E-04	1.22E-03	8.48E-02	7.44E-02	2.39E-02	3.05E-06	4.34E-03	6.14E-03	9.06E-04	4.17E-04	1.50E-02	3.08E-02
2040-01-01	14	3.14E-03	5.01E+01	5.03E-02	5.85E-03	2.00E-01	4.18E+00	1.80E-02	6.92E-04	4.50E-04	1.27E-03	8.01E-02	7.76E-02	2.40E-02	3.14E-06	4.54E-03	6.37E-03	9.28E-04	4.13E-04	1.57E-02	3.20E-02
2040-02-01	14	3.10E-03	5.01E+01	5.03E-02	5.86E-03	1.96E-01	4.17E+00	1.80E-02	6.93E-04	4.50E-04	1.28E-03	7.77E-02	7.77E-02	2.40E-02	3.14E-06	4.54E-03	6.37E-03	9.24E-04	4.08E-04	1.57E-02	3.21E-02
2040-03-01	14	3.04E-03	5.02E+01	5.03E-02	5.87E-03	1.92E-01	4.17E+00	1.80E-02	6.94E-04	4.50E-04	1.28E-03	7.39E-02	7.79E-02	2.40E-02	3.14E-06	4.56E-03	6.38E-03	9.18E-04	4.01E-04	1.57E-02	3.21E-02
2040-04-01	14	2.79E-03	5.04E+01	5.03E-02	5.92E-03	1.70E-01	4.13E+00	1.80E-02	6.98E-04	4.49E-04	1.29E-03	5.76E-02	7.83E-02	2.40E-02	3.12E-06	4.60E-03	6.43E-03	8.90E-04	3.67E-04	1.58E-02	3.23E-02
2040-05-01	14	3.74E-03	4.48E+01	4.66E-02	5.10E-03	2.68E-01	4.03E+00	1.73E-02	6.08E-04	4.21E-04	1.10E-03	1.30E-01	6.80E-02	2.38E-02	3.01E-06	3.91E-03	5.68E-03	9.30E-04	5.00E-04	1.38E-02	2.82E-02
2040-06-01	14	2.41E-03	4.81E+01	4.85E-02	5.65E-03	1.46E-01	3.92E+00	1.78E-02	6.66E-04	4.28E-04	1.23E-03	3.87E-02	7.48E-02	2.39E-02	2.99E-06	4.39E-03	6.19E-03	8.16E-04	3.20E-04	1.51E-02	3.10E-02
2040-07-01	14	2.16E-03	4.92E+01	4.92E-02	5.82E-03	1.21E-01	3.94E+00	1.79E-02	6.84E-04	4.33E-04	1.27E-03	2.01E-02	7.69E-02	2.40E-02	3.01E-06	4.54E-03	6.35E-03	8.00E-04	2.85E-04	1.55E-02	3.18E-02
2040-08-01	14	3.46E-03	4.65E+01	4.77E-02	5.34E-03	2.35E-01	4.07E+00	1.75E-02	6.36E-04	4.32E-04	1.15E-03	1.10E-01	7.10E-02	2.39E-02	3.06E-06	4.12E-03	5.91E-03	9.22E-04	4.64E-04	1.44E-02	2.94E-02
2040-09-01	14	3.40E-03	4.69E+01	4.80E-02	5.40E-03	2.30E-01	4.09E+00	1.76E-02	6.41E-04	4.34E-04	1.17E-03	1.04E-01	7.17E-02	2.39E-02	3.06E-06	4.16E-03	5.95E-03	9.16E-04	4.52E-04	1.45E-02	2.97E-02
2040-10-01	14	3.52E-03	4.64E+01	4.76E-02	5.32E-03	2.44E-01	4.09E+00	1.75E-02	6.31E-04	4.31E-04	1.15E-03	1.12E-01	7.07E-02	2.39E-02	3.05E-06	4.08E-03	5.87E-03	9.22E-04	4.68E-04	1.43E-02	2.93E-02
2040-11-01	14	3.38E-03	4.67E+01	4.78E-02	5.37E-03	2.32E-01	4.07E+00	1.75E-02	6.36E-04	4.30E-04	1.16E-03	1.02E-01	7.13E-02	2.39E-02	3.04E-06	4.13E-03	5.91E-03	9.07E-04	4.47E-04	1.44E-02	2.95E-02
2040-12-01	14	3.16E-03	4.75E+01	4.83E-02	5.49E-03	2.11E-01	4.07E+00	1.76E-02	6.49E-04	4.33E-04	1.19E-03	8.64E-02	7.29E-02	2.39E-02	3.05E-06	4.23E-03	6.03E-03	8.91E-04	4.17E-04	1.47E-02	3.02E-02
2041-01-01	15	3.24E-03	5.06E+01	5.05E-02	5.88E-03	2.08E-01	4.31E+00	1.80E-02	6.93E-04	4.60E-04	1.27E-03	8.44E-02	7.79E-02	2.40E-02	3.20E-06	4.54E-03	6.37E-03	9.38E-04	4.23E-04	1.57E-02	3.21E-02
2041-02-01	15	3.20E-03	5.06E+01	5.05E-02	5.89E-03	2.05E-01	4.30E+00	1.80E-02	6.94E-04	4.60E-04	1.27E-03	8.19E-02	7.80E-02	2.40E-02	3.20E-06	4.55E-03	6.38E-03	9.33E-04	4.18E-04	1.57E-02	3.22E-02
2041-03-01	15	3.14E-03	5.06E+01	5.05E-02	5.90E-03	1.99E-01	4.29E+00	1.80E-02	6.95E-04	4.59E-04	1.28E-03	7.79E-02	7.81E-02	2.40E-02	3.19E-06	4.56E-03	6.39E-03	9.27E-04	4.09E-04	1.57E-02	3.22E-02
2041-04-01	15	2.86E-03	5.07E+01	5.05E-02	5.93E-03	1.76E-01	4.23E+00	1.80E-02	6.99E-04	4.56E-04	1.29E-03	6.07E-02	7.85E-02	2.40E-02	3.16E-06	4.60E-03	6.43E-03	8.97E-04	3.74E-04	1.58E-02	3.24E-02
2041-05-01	15	4.60E-03	4.58E+01	4.66E-02	5.09E-03	4.20E-01	4.53E+00	1.73E-02	5.69E-04	4.06E-04	1.02E-03	1.48E-01	6.89E-02	2.37E-02	2.93E-06	3.63E-03	5.37E-03	9.23E-04	5.30E-04	1.33E-02	2.81E-02
2041-06-01	15	2.76E-03	4.84E+01	4.84E-02	5.63E-03	2.01E-01	4.10E+00	1.78E-02	6.52E-04	4.23E-04	1.20E-03	4.89E-02	7.49E-02	2.39E-02	2.97E-06	4.29E-03	6.08E-03	8.20E-04	3.39E-04		

TMF NW Pond - 15ppm TSS

Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2043-10-01	17	3.35E-03	4.77E+01	4.73E-02	5.41E-03	3.32E-01	4.53E+00	1.76E-02	6.01E-04	4.21E-04	1.09E-03	6.92E-02	7.34E-02	2.38E-02	2.97E-06	3.91E-03	5.67E-03	8.01E-04	3.70E-04	1.40E-02	2.98E-02
2043-11-01	17	3.56E-03	4.73E+01	4.69E-02	5.33E-03	3.73E-01	4.63E+00	1.75E-02	5.84E-04	4.16E-04	1.06E-03	7.68E-02	7.28E-02	2.38E-02	2.95E-06	3.79E-03	5.54E-03	7.97E-04	3.83E-04	1.37E-02	2.95E-02
2043-12-01	17	3.45E-03	4.76E+01	4.72E-02	5.40E-03	3.58E-01	4.59E+00	1.76E-02	5.93E-04	4.17E-04	1.07E-03	7.00E-02	7.35E-02	2.38E-02	2.95E-06	3.86E-03	5.61E-03	7.94E-04	3.70E-04	1.39E-02	2.98E-02
2044-01-01	18	3.43E-03	4.86E+01	4.79E-02	5.53E-03	3.51E-01	4.65E+00	1.77E-02	6.09E-04	4.25E-04	1.11E-03	6.80E-02	7.52E-02	2.38E-02	3.00E-06	3.97E-03	5.73E-03	8.08E-04	3.70E-04	1.42E-02	3.05E-02
2044-02-01	18	3.49E-03	4.96E+01	4.86E-02	5.64E-03	3.54E-01	4.73E+00	1.78E-02	6.22E-04	4.34E-04	1.13E-03	6.88E-02	7.67E-02	2.39E-02	3.05E-06	4.06E-03	5.83E-03	8.24E-04	3.74E-04	1.45E-02	3.11E-02
2044-03-01	18	3.48E-03	4.95E+01	4.85E-02	5.63E-03	3.53E-01	4.73E+00	1.78E-02	6.21E-04	4.33E-04	1.13E-03	6.87E-02	7.66E-02	2.39E-02	3.04E-06	4.05E-03	5.82E-03	8.23E-04	3.74E-04	1.45E-02	3.10E-02
2044-04-01	18	3.45E-03	4.90E+01	4.82E-02	5.58E-03	3.51E-01	4.68E+00	1.77E-02	6.14E-04	4.29E-04	1.12E-03	6.80E-02	7.58E-02	2.38E-02	3.02E-06	4.01E-03	5.78E-03	8.14E-04	3.71E-04	1.43E-02	3.07E-02
2044-05-01	18	6.06E-03	3.82E+01	3.90E-02	3.71E-03	7.91E-01	5.34E+00	1.62E-02	3.46E-04	3.61E-04	5.73E-04	2.13E-01	5.52E-02	2.33E-02	2.73E-06	2.04E-03	3.61E-03	7.97E-04	6.18E-04	8.90E-03	2.16E-02
2044-06-01	18	5.24E-03	3.32E+01	3.58E-02	3.20E-03	6.96E-01	4.62E+00	1.57E-02	3.01E-04	3.13E-04	4.96E-04	1.84E-01	4.78E-02	2.33E-02	2.44E-06	1.76E-03	3.29E-03	6.88E-04	5.46E-04	7.78E-03	1.89E-02
2044-07-01	18	4.73E-03	3.00E+01	3.37E-02	2.88E-03	6.35E-01	4.17E+00	1.54E-02	2.73E-04	2.83E-04	4.47E-04	1.65E-01	4.32E-02	2.32E-02	2.26E-06	1.58E-03	3.09E-03	6.19E-04	5.01E-04	7.08E-03	1.73E-02
2044-08-01	18	4.39E-03	2.79E+01	3.23E-02	2.67E-03	5.95E-01	3.87E+00	1.52E-02	2.54E-04	2.63E-04	4.14E-04	1.53E-01	4.00E-02	2.32E-02	2.14E-06	1.46E-03	2.95E-03	5.73E-04	4.71E-04	6.61E-03	1.61E-02
2044-09-01	18	6.38E-03	2.99E+01	3.27E-02	2.60E-03	9.31E-01	5.05E+00	1.53E-02	1.93E-04	2.79E-04	2.79E-04	2.32E-01	4.24E-02	2.31E-02	2.28E-06	9.70E-04	2.42E-03	6.61E-04	6.25E-04	5.74E-03	1.61E-02
2044-10-01	18	7.45E-03	2.93E+01	3.18E-02	2.34E-03	1.10E+00	5.56E+00	1.51E-02	1.42E-04	2.83E-04	1.70E-04	2.84E-01	4.06E-02	2.30E-02	2.33E-06	5.72E-04	1.99E-03	7.05E-04	7.23E-04	4.81E-03	1.50E-02
2044-11-01	18	7.92E-03	2.97E+01	3.17E-02	2.33E-03	1.21E+00	5.86E+00	1.51E-02	1.18E-04	2.76E-04	1.22E-04	2.95E-01	4.17E-02	2.29E-02	2.30E-06	3.95E-04	1.79E-03	7.01E-04	7.42E-04	4.48E-03	1.50E-02
2044-12-01	18	7.83E-03	2.95E+01	3.15E-02	2.33E-03	1.22E+00	5.82E+00	1.51E-02	1.12E-04	2.65E-04	1.12E-04	2.86E-01	4.19E-02	2.29E-02	2.24E-06	3.61E-04	1.75E-03	6.74E-04	7.20E-04	4.39E-03	1.50E-02
2045-01-01	19	7.77E-03	2.92E+01	3.14E-02	2.31E-03	1.21E+00	5.78E+00	1.51E-02	1.11E-04	2.63E-04	1.11E-04	2.83E-01	4.16E-02	2.29E-02	2.22E-06	3.58E-04	1.75E-03	6.69E-04	7.15E-04	4.36E-03	1.49E-02
2045-02-01	19	7.76E-03	2.92E+01	3.14E-02	2.31E-03	1.21E+00	5.77E+00	1.51E-02	1.11E-04	2.63E-04	1.11E-04	2.83E-01	4.15E-02	2.29E-02	2.22E-06	3.58E-04	1.75E-03	6.68E-04	7.14E-04	4.36E-03	1.49E-02
2045-03-01	19	7.75E-03	2.92E+01	3.13E-02	2.30E-03	1.21E+00	5.76E+00	1.51E-02	1.11E-04	2.62E-04	1.11E-04	2.82E-01	4.15E-02	2.29E-02	2.22E-06	3.57E-04	1.74E-03	6.67E-04	7.13E-04	4.35E-03	1.49E-02
2045-04-01	19	7.67E-03	2.89E+01	3.12E-02	2.28E-03	1.20E+00	5.70E+00	1.50E-02	1.10E-04	2.60E-04	1.10E-04	2.80E-01	4.10E-02	2.29E-02	2.20E-06	3.54E-04	1.74E-03	6.60E-04	7.07E-04	4.32E-03	1.48E-02
2045-05-01	19	8.10E-03	2.78E+01	3.05E-02	2.06E-03	1.23E+00	5.84E+00	1.49E-02	9.40E-05	2.77E-04	7.13E-05	3.18E-01	3.84E-02	2.29E-02	2.32E-06	2.11E-04	1.59E-03	7.19E-04	7.85E-04	3.90E-03	1.37E-02
2045-06-01	19	7.01E-03	2.42E+01	2.84E-02	1.78E-03	1.07E+00	5.05E+00	1.46E-02	8.41E-05	2.40E-04	6.26E-05	2.75E-01	3.33E-02	2.29E-02	2.09E-06	1.82E-04	1.55E-03	6.21E-04	6.91E-04	3.47E-03	1.21E-02
2045-07-01	19	6.32E-03	2.20E+01	2.71E-02	1.60E-03	9.73E-01	4.55E+00	1.44E-02	7.78E-05	2.17E-04	5.70E-05	2.47E-01	3.01E-02	2.28E-02	1.95E-06	1.64E-04	1.52E-03	5.59E-04	6.31E-04	3.20E-03	1.11E-02
2045-08-01	19	5.85E-03	2.04E+01	2.62E-02	1.48E-03	9.07E-01	4.22E+00	1.43E-02	7.36E-05	2.02E-04	5.34E-05	2.28E-01	2.80E-02	2.28E-02	1.85E-06	1.52E-04	1.50E-03	5.17E-04	5.91E-04	3.02E-03	1.05E-02
2045-09-01	19	7.30E-03	2.49E+01	2.88E-02	1.84E-03	1.15E+00	5.28E+00	1.46E-02	7.65E-05	2.41E-04	4.66E-05	2.82E-01	3.53E-02	2.28E-02	2.10E-06	1.24E-04	1.48E-03	6.27E-04	7.05E-04	3.43E-03	1.26E-02
2045-10-01	19	7.90E-03	2.62E+01	2.96E-02	1.92E-03	1.24E+00	5.67E+00	1.47E-02	7.67E-05	2.61E-04	4.01E-05	3.12E-01	3.72E-02	2.28E-02	2.23E-06	9.86E-05	1.46E-03	6.86E-04	7.67E-04	3.52E-03	1.31E-02
2045-11-01	19	8.16E-03	2.73E+01	3.03E-02	2.05E-03	1.31E+00	5.91E+00	1.49E-02	7.51E-05	2.61E-04	3.66E-05	3.14E-01	3.99E-02	2.28E-02	2.23E-06	8.55E-05	1.45E-03	6.88E-04	7.71E-04	3.63E-03	1.39E-02
2045-12-01	19	8.03E-03	2.73E+01	3.02E-02	2.07E-03	1.32E+00	5.87E+00	1.49E-02	7.29E-05	2.52E-04	3.51E-05	3.02E-01	4.05E-02	2.28E-02	2.17E-06	8.09E-05	1.44E-03	6.63E-04	7.46E-04	3.63E-03	1.40E-02
2046-01-01	20	7.97E-03	2.71E+01	3.01E-02	2.06E-03	1.31E+00	5.82E+00	1.49E-02	7.25E-05	2.50E-04	3.49E-05	3.00E-01	4.01E-02	2.28E-02	2.16E-06	8.03E-05	1.44E-03	6.57E-04	7.41E-04	3.60E-03	1.39E-02
2046-02-01	20	7.96E-03	2.70E+01	3.01E-02	2.06E-03	1.31E+00	5.81E+00	1.49E-02	7.24E-05	2.50E-04	3.48E-05	2.99E-01	4.01E-02	2.28E-02	2.16E-06	8.02E-05	1.44E-03	6.57E-04	7.40E-04	3.60E-03	1.39E-02
2046-03-01	20	7.95E-03	2.70E+01	3.01E-02	2.05E-03	1.30E+00	5.80E+00	1.49E-02	7.23E-05	2.50E-04	3.48E-05	2.99E-01	4.00E-02	2.28E-02	2.16E-06	8.01E-05	1.44E-03	6.56E-04	7.39E-04	3.59E-03	1.39E-02
2046-04-01	20	7.87E-03	2.67E+01	2.99E-02	2.03E-03	1.29E+00	5.74E+00	1.48E-02	7.18E-05	2.47E-04	3.45E-05	2.96E-01	3.96E-02	2.28E-02	2.14E-06	7.93E-05	1.44E-03	6.49E-04	7.33E-04	3.57E-03	1.38E-02
2046-05-01	20	8.15E-03	2.65E+01	2.99E-02	1.94E-03	1.29E+00	5.83E+00	1.48E-02	7.51E-05	2.70E-04	3.35E-05	3.27E-01	3.83E-02	2.28E-02	2.29E-06	7.35E-05	1.44E-03	7.14E-04	7.99E-04	3.53E-03	1.34E-02
2046-06-01	20	7.05E-03	2.31E+01	2.79E-02	1.67E-03	1.13E+00	5.04E+00	1.45E-02	6.77E-05	2.35E-04	3.00E-05	2.82E-01	3.32E-02	2.28E-02	2.07E-06	6.38E-05	1.42E-03	6.16E-04	7.02E-04	3.15E-03	1.18E-02
2046-07-01	20	6.35E-03	2.09E+01	2.66E-02	1.51E-03	1.02E+00	4.55E+00	1.43E-02	6.31E-05	2.12E-04	2.78E-05	2.53E-01	3.00E-02	2.28E-02	1.92E-06	5.76E-05	1.40E-03	5.55E-04	6.41E-04	2.91E-03	1.08E-02
2046-08-01	20	5.88E-03	1.95E+01	2.58E-02	1.39E-03	9.51E-01	4.21E+00	1.42E-02	6.00E-05	1.97E-04	2.63E-05	2.34E-01	2.79E-02	2.28E-02	1.83E-06	5.34E-05	1.39E-03	5.14E-04	6.01E-04	2.75E-03	1.02E-02
2046-09-01	20	7.25E-03	2.39E+01	2.85E-02	1.78E-03	1.19E+00	5.23E+00	1.46E-02	6.76E-05	2.37E-04	2.80E-05	2.85E-01	3.57E-02	2.28E-02	2.08E-06	5.98E-05	1.41E-03	6.24E-04	7.10E-04	3.26E-03	1.25E-02
2046-10-01	20	7.82E-03	2.54E+01	2.94E-02	1.89E-03	1.28E+00	5.62E+00	1.47E-02	7.18E-05	2.59E-04	3.03E-05	3.13E-01	3.80E-02	2.28E-02	2.22E-06	6.27E-05	1.42E-03	6.84E-04	7.70E-04	3.42E-03	1.32E-02
2046-11-01	20	8.06E-03	2.66E+01	3.02E-02	2.03E-03	1.35E+00	5.85E+00	1.48E-02	7.18E-05	2.60E-04	3.01E-05	3.15E-01	4.10E-02	2.28E-02	2.23E-06	6.19E-05	1.42E-03	6.87E-04	7.73E-04	3.57E-03	1.40E-02
2046-12-01	20	7.93E-03	2.66E+01	3.01E-02	2.06E-03	1.35E+00	5.80E+00	1.49E-02	7.00E-05	2.51E-04	2.93E-05	3.03E-01	4.16E-02	2.28E-02	2.17E-06	5.96E-05	1.42E-03	6.62E-04	7.48E-04	3.57E-03	1.42E-02
2047-01-01	21	7.86E-03	2.64E+01	3.00E-02	2.04E-03	1.34E+00	5.75E+00	1.49E-02	6.96E-05	2.49E-04	2.91E-05	3.01E-01	4.13E-02	2.28E-02	2.16E-06	5.91E-05	1.42E-03	6.56E-04	7.43E-04	3.54E-03	1.41E-02
2047-02-01	21	7.85E-03	2.63E+01	3.00E-02	2.04E-03	1.34E+00	5.75E+00	1.48E-02	6.95E-05	2.49E-04	2.91E-05	3.00E-01	4.12E-02	2.28E-02	2.15E-06	5.91E-05	1.42E-03	6.56E-04	7.42E-04	3.54E-03	1.41E-02
2047-03-01	21	7.84E-03	2.63E+01	3.00E-02	2.03E-03	1.34E+00	5.74E+00	1.48E-02	6.94E-05	2.48E-04	2.90E-05	3.00E-01	4.11E-02	2.28E-02	2.15E-06	5.90E-05	1.42E-03	6.55E-04	7.41E-04		

TMF NW Pond - 15ppm TSS

Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2049-07-01	23	6.08E-03	1.96E+01	2.66E-02	1.50E-03	1.09E+00	4.38E+00	1.43E-02	6.19E-05	2.12E-04	2.54E-05	2.54E-01	3.29E-02	2.28E-02	1.92E-06	4.88E-05	1.39E-03	5.55E-04	6.42E-04	2.89E-03	1.14E-02
2049-08-01	23	5.63E-03	1.83E+01	2.57E-02	1.39E-03	1.02E+00	4.06E+00	1.42E-02	5.89E-05	1.97E-04	2.41E-05	2.35E-01	3.05E-02	2.28E-02	1.83E-06	4.53E-05	1.38E-03	5.14E-04	6.02E-04	2.73E-03	1.07E-02
2049-09-01	23	6.89E-03	2.24E+01	2.84E-02	1.77E-03	1.28E+00	5.01E+00	1.46E-02	6.67E-05	2.36E-04	2.75E-05	2.84E-01	3.90E-02	2.28E-02	2.07E-06	5.44E-05	1.41E-03	6.21E-04	7.08E-04	3.24E-03	1.32E-02
2049-10-01	23	7.44E-03	2.38E+01	2.94E-02	1.88E-03	1.36E+00	5.39E+00	1.47E-02	7.12E-05	2.59E-04	2.95E-05	3.13E-01	4.16E-02	2.28E-02	2.22E-06	5.96E-05	1.42E-03	6.83E-04	7.69E-04	3.41E-03	1.39E-02
2049-11-01	23	7.66E-03	2.49E+01	3.01E-02	2.02E-03	1.45E+00	5.61E+00	1.48E-02	7.15E-05	2.60E-04	2.96E-05	3.15E-01	4.49E-02	2.28E-02	2.22E-06	5.99E-05	1.42E-03	6.86E-04	7.72E-04	3.56E-03	1.48E-02
2049-12-01	23	7.52E-03	2.48E+01	3.01E-02	2.05E-03	1.45E+00	5.56E+00	1.49E-02	6.96E-05	2.51E-04	2.88E-05	3.03E-01	4.55E-02	2.28E-02	2.17E-06	5.78E-05	1.42E-03	6.61E-04	7.47E-04	3.56E-03	1.50E-02
2050-01-01	24	7.46E-03	2.46E+01	3.00E-02	2.04E-03	1.44E+00	5.51E+00	1.48E-02	6.92E-05	2.49E-04	2.86E-05	3.00E-01	4.52E-02	2.28E-02	2.15E-06	5.73E-05	1.41E-03	6.55E-04	7.42E-04	3.54E-03	1.49E-02
2050-02-01	24	7.45E-03	2.46E+01	3.00E-02	2.03E-03	1.44E+00	5.51E+00	1.48E-02	6.92E-05	2.48E-04	2.86E-05	3.00E-01	4.51E-02	2.28E-02	2.15E-06	5.73E-05	1.41E-03	6.55E-04	7.41E-04	3.53E-03	1.49E-02
2050-03-01	24	7.44E-03	2.45E+01	2.99E-02	2.03E-03	1.44E+00	5.50E+00	1.48E-02	6.91E-05	2.48E-04	2.85E-05	3.00E-01	4.50E-02	2.28E-02	2.15E-06	5.72E-05	1.41E-03	6.54E-04	7.40E-04	3.53E-03	1.49E-02
2050-04-01	24	7.36E-03	2.43E+01	2.98E-02	2.01E-03	1.42E+00	5.44E+00	1.48E-02	6.86E-05	2.46E-04	2.83E-05	2.96E-01	4.46E-02	2.28E-02	2.13E-06	5.66E-05	1.41E-03	6.47E-04	7.34E-04	3.50E-03	1.47E-02
2050-05-01	24	7.66E-03	2.42E+01	2.98E-02	1.93E-03	1.42E+00	5.53E+00	1.47E-02	7.34E-05	2.70E-04	3.04E-05	3.27E-01	4.32E-02	2.28E-02	2.29E-06	6.22E-05	1.43E-03	7.13E-04	7.99E-04	3.49E-03	1.43E-02
2050-06-01	24	6.62E-03	2.11E+01	2.78E-02	1.66E-03	1.24E+00	4.79E+00	1.45E-02	6.63E-05	2.34E-04	2.73E-05	2.82E-01	3.74E-02	2.28E-02	2.06E-06	5.39E-05	1.40E-03	6.15E-04	7.02E-04	3.12E-03	1.27E-02
2050-07-01	24	5.97E-03	1.92E+01	2.66E-02	1.50E-03	1.12E+00	4.32E+00	1.43E-02	6.18E-05	2.12E-04	2.54E-05	2.54E-01	3.38E-02	2.28E-02	1.92E-06	4.87E-05	1.39E-03	5.54E-04	6.41E-04	2.88E-03	1.16E-02
2050-08-01	24	5.53E-03	1.79E+01	2.57E-02	1.39E-03	1.04E+00	4.00E+00	1.42E-02	5.88E-05	1.97E-04	2.40E-05	2.35E-01	3.14E-02	2.28E-02	1.83E-06	4.53E-05	1.38E-03	5.13E-04	6.01E-04	2.73E-03	1.09E-02
2050-09-01	24	6.78E-03	2.18E+01	2.84E-02	1.77E-03	1.30E+00	4.95E+00	1.46E-02	6.67E-05	2.36E-04	2.75E-05	2.85E-01	4.02E-02	2.28E-02	2.08E-06	5.44E-05	1.41E-03	6.21E-04	7.08E-04	3.23E-03	1.34E-02
2050-10-01	24	7.32E-03	2.32E+01	2.94E-02	1.88E-03	1.39E+00	5.32E+00	1.47E-02	7.12E-05	2.59E-04	2.95E-05	3.13E-01	4.28E-02	2.28E-02	2.22E-06	5.96E-05	1.42E-03	6.83E-04	7.69E-04	3.41E-03	1.42E-02
2050-11-01	24	7.53E-03	2.43E+01	3.01E-02	2.02E-03	1.48E+00	5.53E+00	1.48E-02	7.15E-05	2.60E-04	2.96E-05	3.15E-01	4.62E-02	2.28E-02	2.22E-06	5.99E-05	1.42E-03	6.86E-04	7.72E-04	3.56E-03	1.51E-02
2050-12-01	24	7.39E-03	2.42E+01	3.01E-02	2.05E-03	1.48E+00	5.48E+00	1.49E-02	6.96E-05	2.51E-04	2.88E-05	3.03E-01	4.68E-02	2.28E-02	2.17E-06	5.78E-05	1.42E-03	6.61E-04	7.47E-04	3.56E-03	1.53E-02
2051-01-01	25	7.33E-03	2.40E+01	3.00E-02	2.04E-03	1.47E+00	5.44E+00	1.48E-02	6.92E-05	2.49E-04	2.86E-05	3.00E-01	4.65E-02	2.28E-02	2.15E-06	5.73E-05	1.41E-03	6.55E-04	7.42E-04	3.54E-03	1.52E-02
2051-02-01	25	7.32E-03	2.40E+01	3.00E-02	2.03E-03	1.47E+00	5.43E+00	1.48E-02	6.92E-05	2.48E-04	2.86E-05	3.00E-01	4.64E-02	2.28E-02	2.15E-06	5.73E-05	1.41E-03	6.55E-04	7.41E-04	3.53E-03	1.51E-02
2051-03-01	25	7.31E-03	2.39E+01	2.99E-02	2.03E-03	1.47E+00	5.42E+00	1.48E-02	6.91E-05	2.48E-04	2.85E-05	3.00E-01	4.63E-02	2.28E-02	2.15E-06	5.72E-05	1.41E-03	6.54E-04	7.40E-04	3.53E-03	1.51E-02
2051-04-01	25	7.23E-03	2.37E+01	2.98E-02	2.01E-03	1.45E+00	5.37E+00	1.48E-02	6.86E-05	2.46E-04	2.83E-05	2.96E-01	4.59E-02	2.28E-02	2.13E-06	5.66E-05	1.41E-03	6.47E-04	7.34E-04	3.50E-03	1.50E-02
2051-05-01	25	7.53E-03	2.37E+01	2.98E-02	1.93E-03	1.45E+00	5.46E+00	1.47E-02	7.34E-05	2.70E-04	3.04E-05	3.27E-01	4.44E-02	2.28E-02	2.29E-06	6.21E-05	1.43E-03	7.13E-04	7.99E-04	3.49E-03	1.46E-02
2051-06-01	25	6.52E-03	2.07E+01	2.78E-02	1.66E-03	1.26E+00	4.72E+00	1.45E-02	6.63E-05	2.34E-04	2.73E-05	2.82E-01	3.85E-02	2.28E-02	2.06E-06	5.39E-05	1.40E-03	6.15E-04	7.02E-04	3.12E-03	1.29E-02
2051-07-01	25	5.87E-03	1.87E+01	2.66E-02	1.50E-03	1.14E+00	4.25E+00	1.43E-02	6.18E-05	2.12E-04	2.54E-05	2.54E-01	3.47E-02	2.28E-02	1.92E-06	4.87E-05	1.39E-03	5.54E-04	6.41E-04	2.88E-03	1.18E-02
2051-08-01	25	5.44E-03	1.75E+01	2.57E-02	1.39E-03	1.06E+00	3.94E+00	1.42E-02	5.88E-05	1.97E-04	2.40E-05	2.35E-01	3.22E-02	2.28E-02	1.83E-06	4.52E-05	1.38E-03	5.13E-04	6.01E-04	2.73E-03	1.11E-02
2051-09-01	25	6.69E-03	2.14E+01	2.85E-02	1.78E-03	1.34E+00	4.90E+00	1.46E-02	6.70E-05	2.37E-04	2.76E-05	2.86E-01	4.14E-02	2.28E-02	2.08E-06	5.46E-05	1.41E-03	6.24E-04	7.11E-04	3.24E-03	1.37E-02
2051-10-01	25	7.21E-03	2.27E+01	2.94E-02	1.88E-03	1.43E+00	5.25E+00	1.47E-02	7.14E-05	2.59E-04	2.95E-05	3.14E-01	4.41E-02	2.28E-02	2.22E-06	5.97E-05	1.42E-03	6.84E-04	7.71E-04	3.42E-03	1.44E-02
2051-11-01	25	7.41E-03	2.37E+01	3.02E-02	2.03E-03	1.51E+00	5.46E+00	1.48E-02	7.16E-05	2.60E-04	2.96E-05	3.15E-01	4.75E-02	2.28E-02	2.23E-06	6.00E-05	1.42E-03	6.87E-04	7.74E-04	3.56E-03	1.54E-02
2051-12-01	25	7.26E-03	2.36E+01	3.01E-02	2.05E-03	1.52E+00	5.41E+00	1.49E-02	6.97E-05	2.51E-04	2.88E-05	3.03E-01	4.82E-02	2.28E-02	2.17E-06	5.78E-05	1.42E-03	6.62E-04	7.48E-04	3.56E-03	1.55E-02
2052-01-01	26	7.21E-03	2.34E+01	3.00E-02	2.04E-03	1.51E+00	5.36E+00	1.48E-02	6.93E-05	2.49E-04	2.86E-05	3.01E-01	4.78E-02	2.28E-02	2.16E-06	5.74E-05	1.41E-03	6.56E-04	7.43E-04	3.54E-03	1.54E-02
2052-02-01	26	7.20E-03	2.34E+01	3.00E-02	2.03E-03	1.50E+00	5.36E+00	1.48E-02	6.93E-05	2.49E-04	2.86E-05	3.00E-01	4.78E-02	2.28E-02	2.15E-06	5.73E-05	1.41E-03	6.56E-04	7.42E-04	3.54E-03	1.54E-02
2052-03-01	26	7.19E-03	2.34E+01	3.00E-02	2.03E-03	1.50E+00	5.35E+00	1.48E-02	6.92E-05	2.48E-04	2.86E-05	3.00E-01	4.77E-02	2.28E-02	2.15E-06	5.72E-05	1.41E-03	6.55E-04	7.41E-04	3.53E-03	1.54E-02
2052-04-01	26	7.11E-03	2.31E+01	2.98E-02	2.01E-03	1.49E+00	5.29E+00	1.48E-02	6.87E-05	2.46E-04	2.84E-05	2.97E-01	4.72E-02	2.28E-02	2.14E-06	5.66E-05	1.41E-03	6.48E-04	7.35E-04	3.50E-03	1.53E-02
2052-05-01	26	7.41E-03	2.31E+01	2.99E-02	1.93E-03	1.48E+00	5.38E+00	1.47E-02	7.35E-05	2.70E-04	3.04E-05	3.27E-01	4.57E-02	2.28E-02	2.29E-06	6.21E-05	1.43E-03	7.13E-04	7.99E-04	3.49E-03	1.48E-02
2052-06-01	26	6.41E-03	2.02E+01	2.78E-02	1.66E-03	1.29E+00	4.66E+00	1.45E-02	6.64E-05	2.34E-04	2.73E-05	2.82E-01	3.96E-02	2.28E-02	2.06E-06	5.39E-05	1.40E-03	6.16E-04	7.03E-04	3.12E-03	1.31E-02
2052-07-01	26	5.78E-03	1.83E+01	2.66E-02	1.50E-03	1.17E+00	4.20E+00	1.43E-02	6.18E-05	2.12E-04	2.54E-05	2.54E-01	3.57E-02	2.28E-02	1.92E-06	4.87E-05	1.39E-03	5.54E-04	6.42E-04	2.89E-03	1.20E-02
2052-08-01	26	5.36E-03	1.71E+01	2.57E-02	1.39E-03	1.08E+00	3.89E+00	1.42E-02	5.88E-05	1.97E-04	2.41E-05	2.35E-01	3.31E-02	2.28E-02	1.83E-06	4.52E-05	1.38E-03	5.13E-04	6.01E-04	2.73E-03	1.12E-02
2052-09-01	26	6.62E-03	2.10E+01	2.86E-02	1.79E-03	1.37E+00	4.86E+00	1.46E-02	6.73E-05	2.39E-04	2.78E-05	2.88E-01	4.28E-02	2.28E-02	2.09E-06	5.50E-05	1.41E-03	6.29E-04	7.16E-04	3.26E-03	1.40E-02
2052-10-01	26	7.12E-03	2.23E+01	2.95E-02	1.89E-03	1.46E+00	5.20E+00	1.47E-02	7.16E-05	2.60E-04	2.96E-05	3.15E-01	4.54E-02	2.28E-02	2.23E-06	5.99E-05	1.42E-03	6.87E-04	7.74E-04	3.43E-03	1.47E-02
2052-11-01	26	7.29E-03	2.32E+01	3.02E-02	2.03E-03	1.55E+00	5.39E+00	1.48E-02	7.17E-05	2.61E-04	2.97E-05	3.16E-01	4.89E-02	2.28E-02	2.23E-06	6.01E-05	1.42E-03	6.89E-04	7.76E-04	3.57E-03	1.57E-02
2052-12-01	26	7.15E-03	2.30E+01	3.01E-02	2.06E-03	1.55E+00	5.34E+00	1.49E-02	6.99E-05	2.52E-04	2.89E-05	3.04E-01	4.96E-02	2.28E-02	2.17E-06	5.79E-05	1.42E-03	6.64E-04	7.50E-0		

TMF NW Pond - 30ppm TSS

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TMF NW Pond Statistics (Year 1 to Year 27)																								
Minimum		2.65	0.14	0.0695	0.00196	0.168	0.0109	0.000571	0.0000746	0.0000016	1.371505	1.50048E-05	0.0003124	0.003241	7.0267E-06	0.002318	0.000003886	1.765	0.00000258	0.0021972	0.0260728	0.0022633	1.731402	0.1858
P10		17.6	5.662	0.3464	0.0166	3.252	0.3616	0.02422	0.0002842	0.0000047	1.3911	0.000015117	0.0010096	0.008922	0.0000969	0.016058	0.000008875	14.623	0.00005635	0.0022172	0.026197	0.0023878	1.7477	1.0464
Median		99.4	6.77	2.26	0.0752	5.8	0.475	0.0281	0.00288	0.00000625	1.3955	0.000015199	0.0060804	0.0108	0.00001046	0.068458	0.000009811	16.123	0.000023741	0.002583	0.026265	0.004915	1.7987	2.5844
P90		116	16.92	2.58	0.08828	6.616	0.638	0.02988	0.004068	0.00006686	1.4004	0.000015241	0.0075184	0.01187	0.00114696	0.094238	0.000012349	19.823	0.000029841	0.002635	0.0263838	0.005633	1.8548	3.1524
Maximum		126	20.9	3.25	0.0917	7.91	0.661	0.031	0.00432	0.00000697	1.4041	0.000015254	0.0095604	0.01277	0.00168696	0.101558	0.000014271	22.123	0.000032141	0.002675	0.02649	0.006315	1.881	3.8944
Monthly Results																								
2027-02-01	1	2.65	0.14	0.0695	0.00196	0.168	0.0109	0.000571	0.0000746	1.60E-06	1.37E+00	1.50E-05	3.12E-04	3.24E-03	7.03E-06	2.32E-03	3.89E-06	1.77E+00	2.58E-06	2.20E-03	2.61E-02	2.26E-03	1.73E+00	1.86E-01
2027-03-01	1	6.89	0.363	0.18	0.00508	0.436	0.0283	0.00148	0.000194	1.76E-06	1.37E+00	1.50E-05	6.34E-04	3.58E-03	7.13E-06	5.13E-03	4.07E-06	2.47E+00	3.60E-06	2.21E-03	2.61E-02	2.40E-03	1.73E+00	3.15E-01
2027-04-01	1	25.9	1.36	0.678	0.0191	1.64	0.106	0.00557	0.000727	2.48E-06	1.38E+00	1.50E-05	2.08E-03	5.09E-03	7.61E-06	1.78E-02	4.89E-06	5.63E+00	8.17E-06	2.29E-03	2.61E-02	3.04E-03	1.73E+00	8.97E-01
2027-05-01	1	67.7	4.52	1.76	0.0506	4.62	0.324	0.0177	0.00191	5.57E-06	1.40E+00	1.51E-05	5.31E-03	9.46E-03	8.87E-06	4.60E-02	1.18E-05	1.42E+01	2.28E-05	2.48E-03	2.64E-02	4.65E-03	1.85E+00	2.24E+00
2027-06-01	1	107	5.9	2.79	0.079	6.85	0.453	0.0239	0.00301	5.96E-06	1.39E+00	1.52E-05	8.25E-03	1.18E-02	9.70E-06	7.16E-02	9.83E-06	1.96E+01	2.89E-05	2.61E-03	2.63E-02	5.80E-03	1.78E+00	3.40E+00
2027-07-01	1	118	6.32	3.08	0.0869	7.49	0.49	0.0257	0.00331	6.11E-06	1.39E+00	1.52E-05	9.07E-03	1.25E-02	9.94E-06	7.88E-02	9.45E-06	2.11E+01	3.08E-05	2.65E-03	2.62E-02	6.12E-03	1.76E+00	3.72E+00
2027-08-01	1	96.5	6.11	2.51	0.0718	6.48	0.445	0.0241	0.00273	6.87E-06	1.40E+00	1.52E-05	7.51E-03	1.17E-02	9.62E-06	6.50E-02	1.39E-05	1.91E+01	3.05E-05	2.60E-03	2.65E-02	5.64E-03	1.86E+00	3.12E+00
2027-09-01	1	95.6	6.25	2.48	0.0713	6.44	0.449	0.0244	0.0027	6.91E-06	1.40E+00	1.52E-05	7.43E-03	1.19E-02	9.61E-06	6.46E-02	1.41E-05	1.92E+01	3.04E-05	2.60E-03	2.65E-02	5.62E-03	1.87E+00	3.11E+00
2027-10-01	1	91.6	6.17	2.38	0.0684	6.21	0.438	0.0238	0.00259	6.88E-06	1.40E+00	1.52E-05	7.12E-03	1.17E-02	9.52E-06	6.21E-02	1.43E-05	1.87E+01	2.99E-05	2.58E-03	2.65E-02	5.50E-03	1.88E+00	2.99E+00
2027-11-01	1	92.3	6.28	2.4	0.069	6.24	0.442	0.0241	0.0026	6.82E-06	1.40E+00	1.52E-05	7.17E-03	1.19E-02	9.53E-06	6.27E-02	1.41E-05	1.89E+01	2.98E-05	2.58E-03	2.65E-02	5.51E-03	1.88E+00	3.02E+00
2027-12-01	1	98.7	6.39	2.57	0.0735	6.55	0.458	0.0247	0.00278	6.63E-06	1.40E+00	1.52E-05	7.63E-03	1.22E-02	9.63E-06	6.68E-02	1.29E-05	1.95E+01	2.99E-05	2.60E-03	2.64E-02	5.66E-03	1.85E+00	3.20E+00
2028-01-01	2	101	6.4	2.63	0.0751	6.66	0.462	0.0249	0.00284	6.59E-06	1.40E+00	1.52E-05	7.80E-03	1.22E-02	9.66E-06	6.83E-02	1.25E-05	1.97E+01	3.01E-05	2.61E-03	2.64E-02	5.71E-03	1.84E+00	3.26E+00
2028-02-01	2	101	6.41	2.64	0.0755	6.69	0.464	0.0249	0.00285	6.58E-06	1.40E+00	1.52E-05	7.84E-03	1.23E-02	9.68E-06	6.86E-02	1.25E-05	1.98E+01	3.02E-05	2.61E-03	2.64E-02	5.73E-03	1.84E+00	3.28E+00
2028-03-01	2	102	6.42	2.67	0.0762	6.74	0.466	0.025	0.00288	6.58E-06	1.40E+00	1.52E-05	7.91E-03	1.23E-02	9.69E-06	6.92E-02	1.24E-05	1.99E+01	3.02E-05	2.61E-03	2.64E-02	5.75E-03	1.84E+00	3.30E+00
2028-04-01	2	106	6.47	2.77	0.079	6.95	0.475	0.0254	0.00298	6.53E-06	1.40E+00	1.52E-05	8.21E-03	1.24E-02	9.77E-06	7.15E-02	1.19E-05	2.03E+01	3.06E-05	2.62E-03	2.64E-02	5.86E-03	1.82E+00	3.41E+00
2028-05-01	2	91.5	6.13	2.37	0.0681	6.17	0.432	0.0235	0.00256	6.73E-06	1.40E+00	1.52E-05	7.08E-03	1.15E-02	9.50E-06	6.12E-02	1.38E-05	1.86E+01	2.93E-05	2.58E-03	2.65E-02	5.46E-03	1.87E+00	2.97E+00
2028-06-01	2	114	6.36	2.97	0.0839	7.29	0.483	0.0255	0.00317	6.28E-06	1.40E+00	1.52E-05	8.75E-03	1.23E-02	9.88E-06	7.52E-02	1.04E-05	2.08E+01	3.07E-05	2.64E-03	2.63E-02	6.02E-03	1.78E+00	3.60E+00
2028-07-01	2	121	6.5	3.15	0.0889	7.67	0.502	0.0264	0.00336	6.25E-06	1.40E+00	1.52E-05	9.28E-03	1.27E-02	1.00E-05	7.96E-02	9.67E-06	2.16E+01	3.15E-05	2.66E-03	2.62E-02	6.22E-03	1.76E+00	3.80E+00
2028-08-01	2	98.1	6.3	2.54	0.0727	6.57	0.451	0.0244	0.00274	6.91E-06	1.40E+00	1.52E-05	7.58E-03	1.17E-02	9.66E-06	6.50E-02	1.39E-05	1.94E+01	3.07E-05	2.60E-03	2.65E-02	5.67E-03	1.86E+00	3.16E+00
2028-09-01	2	96.9	6.46	2.5	0.072	6.51	0.453	0.0246	0.0027	6.92E-06	1.40E+00	1.52E-05	7.48E-03	1.18E-02	9.64E-06	6.45E-02	1.40E-05	1.94E+01	3.05E-05	2.60E-03	2.65E-02	5.64E-03	1.87E+00	3.13E+00
2028-10-01	2	92.6	6.38	2.39	0.0689	6.27	0.44	0.024	0.00258	6.88E-06	1.40E+00	1.52E-05												

TMF NW Pond - 30ppm TSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2032-04-01	6	103	6.6	2.51	0.0772	6.51	0.51	0.0265	0.00311	6.42E-06	1.40E+00	1.52E-05	7.22E-03	1.16E-02	9.89E-06	7.34E-02	1.09E-05	1.91E+01	2.72E-05	2.60E-03	2.63E-02	5.41E-03	1.80E+00	3.05E+00
2032-05-01	6	97.1	5.77	2.21	0.0751	5.73	0.543	0.0266	0.00342	6.36E-06	1.40E+00	1.52E-05	6.08E-03	1.08E-02	9.95E-06	8.06E-02	1.04E-05	1.65E+01	2.41E-05	2.57E-03	2.63E-02	4.94E-03	1.78E+00	2.60E+00
2032-06-01	6	108	5.46	2.41	0.0838	5.87	0.593	0.0275	0.00396	6.21E-06	1.39E+00	1.52E-05	6.51E-03	1.12E-02	1.01E-05	9.33E-02	8.97E-06	1.59E+01	2.43E-05	2.60E-03	2.62E-02	5.08E-03	1.75E+00	2.72E+00
2032-07-01	6	96.6	5.48	2.14	0.0756	5.62	0.563	0.0272	0.00359	6.56E-06	1.40E+00	1.52E-05	5.81E-03	1.06E-02	1.01E-05	8.41E-02	1.08E-05	1.61E+01	2.37E-05	2.57E-03	2.63E-02	4.85E-03	1.79E+00	2.49E+00
2032-08-01	6	95.3	5.52	2.11	0.0748	5.57	0.56	0.0271	0.00355	6.57E-06	1.40E+00	1.52E-05	5.72E-03	1.06E-02	1.00E-05	8.32E-02	1.09E-05	1.60E+01	2.36E-05	2.57E-03	2.63E-02	4.81E-03	1.79E+00	2.46E+00
2032-09-01	6	98.8	5.56	2.19	0.0773	5.67	0.573	0.0275	0.00367	6.54E-06	1.40E+00	1.52E-05	5.92E-03	1.08E-02	1.01E-05	8.63E-02	1.05E-05	1.61E+01	2.39E-05	2.58E-03	2.63E-02	4.88E-03	1.78E+00	2.53E+00
2032-10-01	6	99.5	5.59	2.2	0.0779	5.68	0.576	0.0275	0.0037	6.50E-06	1.40E+00	1.52E-05	5.95E-03	1.08E-02	1.01E-05	8.70E-02	1.04E-05	1.61E+01	2.38E-05	2.58E-03	2.63E-02	4.89E-03	1.78E+00	2.54E+00
2032-11-01	6	102	5.58	2.25	0.0796	5.73	0.584	0.0277	0.00379	6.45E-06	1.40E+00	1.52E-05	6.08E-03	1.09E-02	1.01E-05	8.91E-02	1.01E-05	1.60E+01	2.40E-05	2.59E-03	2.62E-02	4.94E-03	1.77E+00	2.58E+00
2032-12-01	6	104	5.59	2.31	0.0813	5.8	0.592	0.0279	0.00387	6.44E-06	1.40E+00	1.52E-05	6.22E-03	1.10E-02	1.02E-05	9.11E-02	9.85E-06	1.61E+01	2.42E-05	2.59E-03	2.62E-02	4.99E-03	1.77E+00	2.63E+00
2033-01-01	7	116	6.18	2.57	0.0907	6.44	0.659	0.0309	0.00432	6.96E-06	1.40E+00	1.53E-05	6.92E-03	1.19E-02	1.05E-05	1.02E-01	1.04E-05	1.77E+01	2.67E-05	2.64E-03	2.62E-02	5.31E-03	1.77E+00	2.92E+00
2033-02-01	7	116	6.16	2.57	0.0906	6.43	0.658	0.0309	0.00432	6.94E-06	1.40E+00	1.53E-05	6.92E-03	1.19E-02	1.05E-05	1.02E-01	1.03E-05	1.76E+01	2.66E-05	2.64E-03	2.62E-02	5.31E-03	1.77E+00	2.92E+00
2033-03-01	7	116	6.13	2.57	0.0906	6.42	0.657	0.0308	0.00432	6.91E-06	1.40E+00	1.53E-05	6.92E-03	1.19E-02	1.05E-05	1.02E-01	1.03E-05	1.76E+01	2.66E-05	2.64E-03	2.62E-02	5.30E-03	1.76E+00	2.91E+00
2033-04-01	7	116	5.99	2.57	0.0905	6.35	0.651	0.0303	0.00431	6.77E-06	1.40E+00	1.53E-05	6.92E-03	1.18E-02	1.05E-05	1.02E-01	9.88E-06	1.72E+01	2.62E-05	2.64E-03	2.62E-02	5.29E-03	1.76E+00	2.90E+00
2033-05-01	7	101	5.67	2.22	0.0787	5.69	0.581	0.0276	0.00373	6.46E-06	1.40E+00	1.52E-05	5.99E-03	1.08E-02	1.01E-05	8.75E-02	1.02E-05	1.60E+01	2.38E-05	2.58E-03	2.63E-02	4.90E-03	1.77E+00	2.55E+00
2033-06-01	7	110	5.43	2.42	0.0847	5.86	0.603	0.0278	0.00403	6.23E-06	1.39E+00	1.52E-05	6.49E-03	1.11E-02	1.02E-05	9.46E-02	8.90E-06	1.58E+01	2.42E-05	2.61E-03	2.62E-02	5.07E-03	1.74E+00	2.70E+00
2033-07-01	7	97.6	5.53	2.14	0.0761	5.62	0.567	0.0273	0.0036	6.57E-06	1.40E+00	1.52E-05	5.80E-03	1.06E-02	1.01E-05	8.42E-02	1.07E-05	1.60E+01	2.37E-05	2.58E-03	2.63E-02	4.84E-03	1.78E+00	2.48E+00
2033-08-01	7	96.2	5.58	2.11	0.075	5.57	0.563	0.0272	0.00355	6.57E-06	1.40E+00	1.52E-05	5.71E-03	1.05E-02	1.01E-05	8.30E-02	1.08E-05	1.60E+01	2.35E-05	2.57E-03	2.63E-02	4.81E-03	1.79E+00	2.46E+00
2033-09-01	7	99.6	5.63	2.19	0.0775	5.67	0.576	0.0275	0.00367	6.54E-06	1.40E+00	1.52E-05	5.91E-03	1.07E-02	1.01E-05	8.59E-02	1.05E-05	1.61E+01	2.38E-05	2.58E-03	2.63E-02	4.88E-03	1.78E+00	2.52E+00
2033-10-01	7	100	5.66	2.2	0.078	5.68	0.578	0.0276	0.00369	6.51E-06	1.40E+00	1.52E-05	5.94E-03	1.07E-02	1.01E-05	8.65E-02	1.04E-05	1.60E+01	2.38E-05	2.58E-03	2.63E-02	4.89E-03	1.78E+00	2.53E+00
2033-11-01	7	103	5.64	2.25	0.0797	5.73	0.585	0.0277	0.00377	6.46E-06	1.40E+00	1.52E-05	6.07E-03	1.08E-02	1.01E-05	8.85E-02	1.00E-05	1.60E+01	2.39E-05	2.59E-03	2.62E-02	4.93E-03	1.77E+00	2.58E+00
2033-12-01	7	105	5.64	2.31	0.0814	5.8	0.593	0.0279	0.00386	6.45E-06	1.40E+00	1.52E-05	6.21E-03	1.10E-02	1.02E-05	9.05E-02	9.84E-06	1.61E+01	2.42E-05	2.60E-03	2.62E-02	4.99E-03	1.76E+00	2.62E+00
2034-01-01	8	117	6.24	2.58	0.0908	6.45	0.66	0.031	0.00431	6.97E-06	1.40E+00	1.53E-05	6.92E-03	1.19E-02	1.05E-05	1.01E-01	1.04E-05	1.77E+01	2.67E-05	2.64E-03	2.62E-02	5.31E-03	1.77E+00	2.91E+00
2034-02-01	8	117	6.21	2.58	0.0908	6.44	0.66	0.0309	0.00431	6.95E-06	1.40E+00	1.53E-05	6.92E-03	1.19E-02	1.05E-05	1.01E-01	1.03E-05	1.76E+01	2.66E-05	2.64E-03	2.62E-02	5.31E-03	1.76E+00	2.91E+00
2034-03-01	8	117	6.18	2.58	0.0908	6.43	0.659	0.0309	0.00431	6.92E-06	1.40E+00	1.53E-05	6.92E-03	1.18E-02	1.05E-05	1.01E-01	1.03E-05	1.76E+01	2.66E-05	2.64E-03	2.62E-02	5.30E-03	1.76E+00	2.91E+00
2034-04-01	8	117	6.03	2.58	0.0906	6.36	0.653	0.0304	0.00429	6.78E-06	1.40E+00	1.53E-05	6.92E-03	1.17E-02	1.05E-05	1.00E-01	9.88E-06	1.72E+01	2.62E-05	2.64E-03	2.62E-02			

TMF NW Pond - 30ppm TSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2038-01-01	12	116	6.15	2.52	0.0889	6.26	0.642	0.0299	0.00414	6.67E-06	1.40E+00	1.52E-05	6.77E-03	1.14E-02	1.04E-05	9.58E-02	9.68E-06	1.68E+01	2.56E-05	2.64E-03	2.62E-02	5.22E-03	1.75E+00	2.82E+00
2038-02-01	12	116	6.13	2.52	0.0889	6.25	0.641	0.0299	0.00414	6.66E-06	1.40E+00	1.52E-05	6.77E-03	1.14E-02	1.04E-05	9.58E-02	9.64E-06	1.68E+01	2.56E-05	2.64E-03	2.62E-02	5.22E-03	1.75E+00	2.82E+00
2038-03-01	12	116	6.1	2.53	0.089	6.25	0.641	0.0299	0.00414	6.64E-06	1.40E+00	1.52E-05	6.78E-03	1.14E-02	1.04E-05	9.59E-02	9.59E-06	1.68E+01	2.56E-05	2.64E-03	2.62E-02	5.22E-03	1.75E+00	2.82E+00
2038-04-01	12	117	5.97	2.54	0.0892	6.22	0.639	0.0296	0.00415	6.56E-06	1.40E+00	1.52E-05	6.80E-03	1.14E-02	1.04E-05	9.60E-02	9.36E-06	1.66E+01	2.55E-05	2.64E-03	2.62E-02	5.22E-03	1.75E+00	2.82E+00
2038-05-01	12	102	5.98	2.19	0.0778	5.67	0.576	0.0275	0.00359	6.39E-06	1.40E+00	1.52E-05	5.89E-03	1.05E-02	1.01E-05	8.31E-02	9.95E-06	1.56E+01	2.33E-05	2.58E-03	2.62E-02	4.85E-03	1.77E+00	2.49E+00
2038-06-01	12	111	5.52	2.41	0.0845	5.85	0.602	0.0278	0.00393	6.22E-06	1.39E+00	1.52E-05	6.46E-03	1.09E-02	1.02E-05	9.07E-02	8.86E-06	1.56E+01	2.41E-05	2.61E-03	2.62E-02	5.06E-03	1.74E+00	2.67E+00
2038-07-01	12	114	5.48	2.47	0.0866	5.94	0.613	0.0281	0.00403	6.23E-06	1.39E+00	1.52E-05	6.63E-03	1.10E-02	1.02E-05	9.31E-02	8.68E-06	1.57E+01	2.45E-05	2.62E-03	2.62E-02	5.13E-03	1.74E+00	2.73E+00
2038-08-01	12	106	5.8	2.28	0.0805	5.78	0.588	0.0278	0.00373	6.40E-06	1.40E+00	1.52E-05	6.12E-03	1.07E-02	1.02E-05	8.60E-02	9.73E-06	1.57E+01	2.38E-05	2.60E-03	2.62E-02	4.94E-03	1.76E+00	2.56E+00
2038-09-01	12	107	5.87	2.31	0.0816	5.83	0.595	0.028	0.00378	6.41E-06	1.40E+00	1.52E-05	6.21E-03	1.08E-02	1.02E-05	8.73E-02	9.64E-06	1.58E+01	2.40E-05	2.60E-03	2.62E-02	4.98E-03	1.76E+00	2.60E+00
2038-10-01	12	106	5.96	2.28	0.0806	5.79	0.59	0.0279	0.00373	6.41E-06	1.40E+00	1.52E-05	6.12E-03	1.07E-02	1.02E-05	8.62E-02	9.74E-06	1.58E+01	2.38E-05	2.60E-03	2.62E-02	4.94E-03	1.76E+00	2.57E+00
2038-11-01	12	107	5.92	2.31	0.0816	5.81	0.594	0.028	0.00377	6.38E-06	1.40E+00	1.52E-05	6.20E-03	1.08E-02	1.02E-05	8.72E-02	9.57E-06	1.58E+01	2.39E-05	2.60E-03	2.62E-02	4.97E-03	1.76E+00	2.59E+00
2038-12-01	12	109	5.84	2.35	0.0829	5.86	0.6	0.0281	0.00384	6.36E-06	1.40E+00	1.52E-05	6.31E-03	1.09E-02	1.02E-05	8.87E-02	9.39E-06	1.58E+01	2.41E-05	2.61E-03	2.62E-02	5.01E-03	1.75E+00	2.63E+00
2039-01-01	13	116	6.16	2.51	0.0885	6.23	0.638	0.0298	0.0041	6.64E-06	1.40E+00	1.52E-05	6.73E-03	1.14E-02	1.04E-05	9.47E-02	9.64E-06	1.67E+01	2.55E-05	2.64E-03	2.62E-02	5.20E-03	1.75E+00	2.80E+00
2039-02-01	13	116	6.14	2.51	0.0885	6.23	0.638	0.0298	0.0041	6.63E-06	1.40E+00	1.52E-05	6.74E-03	1.14E-02	1.04E-05	9.48E-02	9.61E-06	1.67E+01	2.55E-05	2.64E-03	2.62E-02	5.20E-03	1.75E+00	2.80E+00
2039-03-01	13	117	6.11	2.52	0.0886	6.22	0.638	0.0297	0.00411	6.62E-06	1.40E+00	1.52E-05	6.75E-03	1.14E-02	1.04E-05	9.49E-02	9.56E-06	1.66E+01	2.55E-05	2.64E-03	2.62E-02	5.20E-03	1.75E+00	2.80E+00
2039-04-01	13	117	5.98	2.53	0.0889	6.2	0.637	0.0295	0.00413	6.55E-06	1.40E+00	1.52E-05	6.78E-03	1.13E-02	1.04E-05	9.53E-02	9.34E-06	1.65E+01	2.54E-05	2.64E-03	2.62E-02	5.21E-03	1.75E+00	2.80E+00
2039-05-01	13	102	6.04	2.19	0.0777	5.67	0.575	0.0275	0.00358	6.39E-06	1.40E+00	1.52E-05	5.88E-03	1.05E-02	1.01E-05	8.28E-02	9.93E-06	1.56E+01	2.32E-05	2.58E-03	2.62E-02	4.85E-03	1.77E+00	2.49E+00
2039-06-01	13	111	5.54	2.41	0.0845	5.85	0.602	0.0278	0.00392	6.22E-06	1.39E+00	1.52E-05	6.46E-03	1.09E-02	1.02E-05	9.05E-02	8.85E-06	1.56E+01	2.41E-05	2.61E-03	2.62E-02	5.06E-03	1.74E+00	2.66E+00
2039-07-01	13	114	5.49	2.47	0.0866	5.94	0.613	0.0281	0.00403	6.23E-06	1.39E+00	1.52E-05	6.63E-03	1.10E-02	1.02E-05	9.29E-02	8.68E-06	1.57E+01	2.45E-05	2.62E-03	2.62E-02	5.12E-03	1.74E+00	2.72E+00
2039-08-01	13	106	5.85	2.27	0.0805	5.79	0.588	0.0278	0.00372	6.40E-06	1.40E+00	1.52E-05	6.11E-03	1.07E-02	1.02E-05	8.58E-02	9.72E-06	1.57E+01	2.38E-05	2.60E-03	2.62E-02	4.94E-03	1.76E+00	2.56E+00
2039-09-01	13	107	5.92	2.31	0.0816	5.84	0.595	0.028	0.00377	6.41E-06	1.40E+00	1.52E-05	6.20E-03	1.08E-02	1.02E-05	8.71E-02	9.64E-06	1.58E+01	2.40E-05	2.60E-03	2.62E-02	4.97E-03	1.76E+00	2.60E+00
2039-10-01	13	106	6.02	2.28	0.0806	5.8	0.59	0.0279	0.00372	6.41E-06	1.40E+00	1.52E-05	6.11E-03	1.07E-02	1.02E-05	8.60E-02	9.73E-06	1.58E+01	2.38E-05	2.60E-03	2.62E-02	4.94E-03	1.76E+00	2.57E+00
2039-11-01	13	107	5.98	2.31	0.0815	5.82	0.594	0.028	0.00377	6.38E-06	1.40E+00	1.52E-05	6.19E-03	1.08E-02	1.02E-05	8.70E-02	9.56E-06	1.58E+01	2.39E-05	2.60E-03	2.62E-02	4.97E-03	1.76E+00	2.59E+00
2039-12-01	13	110	5.93	2.36	0.0834	5.9	0.603	0.0282	0.00386	6.39E-06	1.40E+00	1.52E-05	6.34E-03	1.09E-02	1.02E-05	8.91E-02	9.42E-06	1.59E+01	2.42E-05	2.61E-03	2.62E-02	5.02E-03	1.75E+00	2.64E+00
2040-01-01	14	114	6.12	2.47	0.0871	6.14	0.629	0.0294	0.00403	6.56E-06	1.40E+00	1.52E-05	6.62E-03	1.12E-02	1.03E-05	9.31E-02	9.55E-06	1.64E+01	2.51E-05	2.63E-03</				

TMF NW Pond - 30ppm TSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2043-10-01	17	103	9.17	2.2	0.0794	5.85	0.612	0.0298	0.00354	6.21E-06	1.39E+00	1.52E-05	5.80E-03	1.11E-02	7.84E-05	8.55E-02	9.11E-06	1.65E+01	2.19E-05	2.57E-03	2.62E-02	4.75E-03	1.76E+00	2.56E+00
2043-11-01	17	101	9.89	2.14	0.078	5.8	0.611	0.03	0.00344	6.18E-06	1.39E+00	1.52E-05	5.65E-03	1.11E-02	9.34E-05	8.39E-02	9.14E-06	1.65E+01	2.14E-05	2.55E-03	2.62E-02	4.67E-03	1.76E+00	2.53E+00
2043-12-01	17	102	9.74	2.18	0.0789	5.82	0.613	0.0299	0.00349	6.17E-06	1.39E+00	1.52E-05	5.74E-03	1.12E-02	9.06E-05	8.51E-02	9.07E-06	1.65E+01	2.17E-05	2.56E-03	2.62E-02	4.71E-03	1.76E+00	2.55E+00
2044-01-01	18	105	9.71	2.23	0.0809	5.94	0.625	0.0304	0.00359	6.26E-06	1.40E+00	1.52E-05	5.89E-03	1.13E-02	8.84E-05	8.72E-02	9.14E-06	1.67E+01	2.22E-05	2.57E-03	2.62E-02	4.78E-03	1.76E+00	2.61E+00
2044-02-01	18	107	9.87	2.28	0.0826	6.06	0.638	0.031	0.00367	6.36E-06	1.40E+00	1.52E-05	6.02E-03	1.15E-02	8.94E-05	8.90E-02	9.24E-06	1.70E+01	2.26E-05	2.58E-03	2.62E-02	4.84E-03	1.76E+00	2.66E+00
2044-03-01	18	107	9.86	2.28	0.0825	6.05	0.637	0.031	0.00366	6.35E-06	1.40E+00	1.52E-05	6.01E-03	1.15E-02	8.92E-05	8.89E-02	9.24E-06	1.70E+01	2.26E-05	2.58E-03	2.62E-02	4.83E-03	1.76E+00	2.66E+00
2044-04-01	18	106	9.76	2.26	0.0816	5.99	0.631	0.0306	0.00362	6.30E-06	1.40E+00	1.52E-05	5.95E-03	1.14E-02	8.84E-05	8.80E-02	9.18E-06	1.68E+01	2.24E-05	2.57E-03	2.62E-02	4.81E-03	1.76E+00	2.63E+00
2044-05-01	18	64.7	15	1.3	0.0528	5.06	0.533	0.0303	0.00199	5.90E-06	1.40E+00	1.52E-05	3.32E-03	1.02E-02	2.41E-04	5.52E-02	1.01E-05	1.67E+01	1.44E-05	2.40E-03	2.63E-02	3.62E-03	1.80E+00	1.89E+00
2044-06-01	18	55.8	12.9	1.12	0.0456	4.36	0.46	0.0261	0.00171	5.30E-06	1.39E+00	1.52E-05	2.88E-03	9.18E-03	2.09E-04	4.77E-02	9.23E-06	1.46E+01	1.27E-05	2.37E-03	2.62E-02	3.42E-03	1.79E+00	1.64E+00
2044-07-01	18	50.2	11.6	1.01	0.041	3.93	0.413	0.0235	0.00154	4.92E-06	1.39E+00	1.51E-05	2.60E-03	8.56E-03	1.89E-04	4.29E-02	8.69E-06	1.33E+01	1.17E-05	2.35E-03	2.62E-02	3.30E-03	1.79E+00	1.49E+00
2044-08-01	18	46.4	10.7	0.936	0.0379	3.63	0.382	0.0217	0.00143	4.66E-06	1.39E+00	1.51E-05	2.41E-03	8.15E-03	1.75E-04	3.98E-02	8.32E-06	1.24E+01	1.09E-05	2.34E-03	2.62E-02	3.22E-03	1.78E+00	1.38E+00
2044-09-01	18	41.1	16.3	0.77	0.0353	3.97	0.435	0.0265	0.00105	5.03E-06	1.39E+00	1.51E-05	1.87E-03	8.99E-03	3.20E-04	3.62E-02	9.41E-06	1.47E+01	9.46E-06	2.30E-03	2.63E-02	2.94E-03	1.81E+00	1.38E+00
2044-10-01	18	34.3	18.6	0.6	0.0309	4.04	0.443	0.0284	0.000738	5.20E-06	1.39E+00	1.51E-05	1.39E-03	9.14E-03	3.93E-04	3.09E-02	1.01E-05	1.56E+01	8.12E-06	2.27E-03	2.63E-02	2.72E-03	1.83E+00	1.30E+00
2044-11-01	18	32.4	20.6	0.543	0.0297	4.01	0.455	0.0294	0.000591	5.15E-06	1.39E+00	1.51E-05	1.20E-03	9.38E-03	4.53E-04	2.97E-02	1.01E-05	1.60E+01	7.40E-06	2.25E-03	2.63E-02	2.61E-03	1.84E+00	1.29E+00
2044-12-01	18	32.1	20.9	0.532	0.0293	3.9	0.452	0.029	0.000553	5.01E-06	1.39E+00	1.51E-05	1.16E-03	9.37E-03	4.66E-04	2.95E-02	9.88E-06	1.57E+01	7.11E-06	2.25E-03	2.63E-02	2.58E-03	1.84E+00	1.27E+00
2045-01-01	19	31.9	20.8	0.528	0.0291	3.87	0.448	0.0287	0.000548	4.98E-06	1.39E+00	1.51E-05	1.15E-03	9.31E-03	4.62E-04	2.93E-02	9.83E-06	1.56E+01	7.07E-06	2.25E-03	2.63E-02	2.58E-03	1.84E+00	1.26E+00
2045-02-01	19	31.8	20.7	0.527	0.0291	3.86	0.447	0.0287	0.000547	4.98E-06	1.39E+00	1.51E-05	1.15E-03	9.31E-03	4.62E-04	2.92E-02	9.82E-06	1.56E+01	7.07E-06	2.25E-03	2.63E-02	2.58E-03	1.84E+00	1.26E+00
2045-03-01	19	31.8	20.7	0.526	0.029	3.86	0.447	0.0287	0.000546	4.97E-06	1.39E+00	1.51E-05	1.15E-03	9.30E-03	4.61E-04	2.92E-02	9.81E-06	1.55E+01	7.06E-06	2.25E-03	2.63E-02	2.58E-03	1.84E+00	1.26E+00
2045-04-01	19	31.4	20.5	0.521	0.0287	3.82	0.442	0.0284	0.000541	4.93E-06	1.39E+00	1.51E-05	1.14E-03	9.23E-03	4.56E-04	2.89E-02	9.75E-06	1.54E+01	7.00E-06	2.24E-03	2.63E-02	2.57E-03	1.84E+00	1.25E+00
2045-05-01	19	27.2	19.7	0.438	0.0259	3.95	0.436	0.0291	0.000446	5.22E-06	1.39E+00	1.51E-05	9.71E-04	9.13E-03	4.84E-04	2.52E-02	1.04E-05	1.61E+01	6.77E-06	2.23E-03	2.63E-02	2.50E-03	1.84E+00	1.20E+00
2045-06-01	19	23.4	17	0.377	0.0224	3.41	0.376	0.0251	0.000384	4.71E-06	1.39E+00	1.51E-05	8.53E-04	8.29E-03	4.11E-04	2.18E-02	9.48E-06	1.41E+01	6.11E-06	2.23E-03	2.63E-02	2.46E-03	1.83E+00	1.05E+00
2045-07-01	19	21.1	15.3	0.339	0.0201	3.07	0.338	0.0226	0.000346	4.38E-06	1.39E+00	1.51E-05	7.78E-04	7.76E-03	3.77E-04	1.97E-02	8.90E-06	1.28E+01	5.69E-06	2.22E-03	2.63E-02	2.43E-03	1.82E+00	9.55E-01
2045-08-01	19	19.5	14.1	0.314	0.0186	2.84	0.313	0.0209	0.00032	4.17E-06	1.39E+00	1.51E-05	7.28E-04	7.41E-03	3.49E-04	1.82E-02	8.52E-06	1.19E+01	5.41E-06	2.22E-03	2.62E-02	2.41E-03	1.81E+00	8.91E-01
2045-09-01	19	23.4	18	0.371	0.0224	3.45	0.389	0.0261	0.000338	4.73E-06	1.39E+00	1.51E-05	8.43E-04	8.56E-03	4.90E-04	2.19E-02	9.57E-06	1.45E+01	5.91E-06	2.22E-03	2.63E-02	2.43E-03	1.83E+00	1.07E+00
2045-10-01	19	23.9	18.9	0.377	0.0232	3.72	0.415	0.0281	0.00034	5.03E-06	1.39E+00	1.51E-05	8.69E-04	8.94E-03	5.45E-04	2.24E-02	1.01E-05							

TMF NW Pond - 30ppm TSS

Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2049-07-01	23	15.9	11.7	0.291	0.0154	2.85	0.316	0.0226	0.000249	4.35E-06	1.39E+00	1.51E-05	1.01E-03	8.13E-03	7.71E-04	1.48E-02	8.93E-06	1.31E+01	5.20E-06	2.21E-03	2.63E-02	2.36E-03	1.83E+00	9.10E-01
2049-08-01	23	14.7	10.8	0.269	0.0143	2.64	0.292	0.0209	0.00023	4.13E-06	1.39E+00	1.51E-05	9.41E-04	7.75E-03	7.14E-04	1.37E-02	8.54E-06	1.22E+01	4.96E-06	2.21E-03	2.63E-02	2.35E-03	1.82E+00	8.50E-01
2049-09-01	23	18.5	13.5	0.344	0.0177	3.21	0.364	0.0259	0.000279	4.69E-06	1.39E+00	1.51E-05	1.20E-03	9.02E-03	9.50E-04	1.71E-02	9.54E-06	1.48E+01	5.59E-06	2.22E-03	2.63E-02	2.38E-03	1.84E+00	1.04E+00
2049-10-01	23	19.4	14	0.366	0.0187	3.5	0.391	0.028	0.000306	5.01E-06	1.39E+00	1.51E-05	1.30E-03	9.47E-03	1.03E-03	1.79E-02	1.01E-05	1.60E+01	5.96E-06	2.22E-03	2.63E-02	2.40E-03	1.85E+00	1.11E+00
2049-11-01	23	20.8	14.9	0.393	0.0197	3.56	0.41	0.0291	0.000308	5.02E-06	1.39E+00	1.51E-05	1.40E-03	9.86E-03	1.13E-03	1.91E-02	1.02E-05	1.64E+01	5.98E-06	2.22E-03	2.63E-02	2.40E-03	1.85E+00	1.16E+00
2049-12-01	23	21	15.1	0.398	0.0197	3.46	0.407	0.0288	0.000297	4.89E-06	1.39E+00	1.51E-05	1.41E-03	9.88E-03	1.15E-03	1.94E-02	9.92E-06	1.62E+01	5.83E-06	2.22E-03	2.63E-02	2.40E-03	1.85E+00	1.16E+00
2050-01-01	24	20.8	15	0.395	0.0196	3.44	0.404	0.0285	0.000294	4.86E-06	1.39E+00	1.51E-05	1.40E-03	9.82E-03	1.14E-03	1.92E-02	9.87E-06	1.61E+01	5.80E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.15E+00
2050-02-01	24	20.8	14.9	0.394	0.0195	3.43	0.404	0.0285	0.000294	4.86E-06	1.39E+00	1.51E-05	1.40E-03	9.82E-03	1.14E-03	1.92E-02	9.86E-06	1.60E+01	5.79E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.15E+00
2050-03-01	24	20.8	14.9	0.394	0.0195	3.43	0.403	0.0285	0.000293	4.86E-06	1.39E+00	1.51E-05	1.40E-03	9.80E-03	1.14E-03	1.92E-02	9.85E-06	1.60E+01	5.79E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.15E+00
2050-04-01	24	20.6	14.8	0.39	0.0193	3.39	0.399	0.0282	0.00029	4.82E-06	1.39E+00	1.51E-05	1.39E-03	9.73E-03	1.13E-03	1.90E-02	9.79E-06	1.59E+01	5.75E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.13E+00
2050-05-01	24	19.5	13.8	0.376	0.0188	3.62	0.401	0.029	0.00032	5.16E-06	1.39E+00	1.51E-05	1.39E-03	9.73E-03	1.12E-03	1.78E-02	1.04E-05	1.66E+01	6.14E-06	2.22E-03	2.63E-02	2.41E-03	1.85E+00	1.14E+00
2050-06-01	24	16.8	11.9	0.325	0.0162	3.13	0.346	0.025	0.000276	4.66E-06	1.39E+00	1.51E-05	1.21E-03	8.81E-03	9.62E-04	1.55E-02	9.49E-06	1.45E+01	5.56E-06	2.22E-03	2.63E-02	2.38E-03	1.84E+00	9.98E-01
2050-07-01	24	15.1	10.7	0.292	0.0146	2.81	0.311	0.0225	0.000248	4.34E-06	1.39E+00	1.51E-05	1.10E-03	8.23E-03	8.66E-04	1.40E-02	8.92E-06	1.31E+01	5.20E-06	2.21E-03	2.63E-02	2.36E-03	1.83E+00	9.08E-01
2050-08-01	24	14	9.91	0.27	0.0135	2.6	0.288	0.0208	0.00023	4.13E-06	1.39E+00	1.51E-05	1.03E-03	7.84E-03	8.02E-04	1.30E-02	8.53E-06	1.23E+01	4.95E-06	2.21E-03	2.63E-02	2.35E-03	1.82E+00	8.48E-01
2050-09-01	24	17.6	12.3	0.346	0.0168	3.17	0.36	0.0259	0.000279	4.69E-06	1.39E+00	1.51E-05	1.32E-03	9.15E-03	1.07E-03	1.62E-02	9.55E-06	1.49E+01	5.60E-06	2.22E-03	2.63E-02	2.38E-03	1.84E+00	1.04E+00
2050-10-01	24	18.5	12.8	0.368	0.0178	3.45	0.386	0.028	0.000306	5.01E-06	1.39E+00	1.51E-05	1.42E-03	9.60E-03	1.15E-03	1.69E-02	1.01E-05	1.61E+01	5.96E-06	2.22E-03	2.63E-02	2.40E-03	1.85E+00	1.10E+00
2050-11-01	24	19.8	13.6	0.395	0.0187	3.51	0.404	0.0291	0.000308	5.02E-06	1.39E+00	1.51E-05	1.53E-03	1.00E-02	1.26E-03	1.81E-02	1.02E-05	1.65E+01	5.98E-06	2.22E-03	2.63E-02	2.40E-03	1.86E+00	1.16E+00
2050-12-01	24	20	13.7	0.4	0.0186	3.41	0.402	0.0288	0.000297	4.89E-06	1.39E+00	1.51E-05	1.54E-03	1.00E-02	1.28E-03	1.83E-02	9.92E-06	1.63E+01	5.83E-06	2.22E-03	2.63E-02	2.40E-03	1.85E+00	1.16E+00
2051-01-01	25	19.8	13.6	0.397	0.0185	3.38	0.398	0.0285	0.000294	4.86E-06	1.39E+00	1.51E-05	1.53E-03	9.97E-03	1.27E-03	1.82E-02	9.87E-06	1.62E+01	5.80E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.15E+00
2051-02-01	25	19.8	13.6	0.396	0.0185	3.38	0.398	0.0285	0.000294	4.86E-06	1.39E+00	1.51E-05	1.53E-03	9.96E-03	1.27E-03	1.81E-02	9.86E-06	1.61E+01	5.79E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.15E+00
2051-03-01	25	19.8	13.6	0.395	0.0184	3.37	0.397	0.0284	0.000293	4.86E-06	1.39E+00	1.51E-05	1.53E-03	9.95E-03	1.27E-03	1.81E-02	9.85E-06	1.61E+01	5.79E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.14E+00
2051-04-01	25	19.6	13.4	0.391	0.0183	3.34	0.393	0.0282	0.00029	4.82E-06	1.39E+00	1.51E-05	1.51E-03	9.88E-03	1.26E-03	1.79E-02	9.79E-06	1.60E+01	5.75E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.13E+00
2051-05-01	25	18.5	12.5	0.378	0.0178	3.57	0.396	0.029	0.00032	5.16E-06	1.39E+00	1.51E-05	1.51E-03	9.87E-03	1.24E-03	1.69E-02	1.04E-05	1.66E+01	6.14E-06	2.22E-03	2.63E-02	2.41E-03	1.86E+00	1.14E+00
2051-06-01	25	16	10.8	0.326	0.0154	3.08	0.342	0.025	0.000276	4.66E-06	1.39E+00	1.51E-05	1.32E-03	8.93E-03	1.07E-03	1.46E-02	9.49E-06	1.45E+01	5.56E-06	2.22E-03	2.63E-02	2.38E-03	1.84E+00	9.97E-01
2051-07-01	25	14.4	9.71	0.293	0.0138	2.77	0.307	0.0225	0.000248	4.34E-06	1.39E+00	1.51E-05	1.20E-03	8.33E-03	9.62E-04	1.32E-02	8.92E-06	1.32E+01	5.20E-06	2.21E-03	2.63E-02	2.36E-03	1.83E+00	9.07E-01
2051-08-01	25	13.3	8.99	0.271	0.0128	2.57	0.284	0.0208	0.00023	4.13E-06	1.39E+00	1.51E-05	1.12E-03	7.94E-03	8.90E-04	1.23E-02	8.53E-06	1.23E+01	4.95E-06	2.21E-03	2.63E-02	2.35E-03	1.82E+00	8.47E-01
2051-09-01	25	16.8	11.1	0.348	0.0159	3.14	0.356	0.026	0.00028	4.70E-06	1.39E+00	1.51E-05	1.44E-03	9.30E-03	1.19E-03	1.53E-02	9.58E-06	1.50E+01	5.61E-06	2.22E-03	2.63E-02	2.38E-03	1.84E+00	1.04E+00
2051-10-01	25	17.6	11.6	0.37	0.0168	3.42	0.381	0.0281	0.000307	5.01E-06	1.39E+00	1.51E-05	1.54E-03	9.75E-03	1.28E-03	1.60E-02	1.01E-05	1.62E+01	5.97E-06	2.22E-03	2.63E-02	2.40E-03	1.85E+00	1.10E+00
2051-11-01	25	18.8	12.2	0.398	0.0176	3.47	0.399	0.0292	0.000309	5.03E-06	1.39E+00	1.51E-05	1.66E-03	1.02E-02	1.39E-03	1.70E-02	1.02E-05	1.67E+01	5.99E-06	2.22E-03	2.63E-02	2.41E-03	1.86E+00	1.16E+00
2051-12-01	25	19	12.4	0.402	0.0176	3.37	0.396	0.0288	0.000297	4.90E-06	1.39E+00	1.51E-05	1.68E-03	1.02E-02	1.42E-03	1.73E-02	9.93E-06	1.64E+01	5.84E-06	2.22E-03	2.63E-02	2.40E-03	1.86E+00	1.15E+00
2052-01-01	26	18.8	12.3	0.399	0.0175	3.34	0.393	0.0286	0.000295	4.87E-06	1.39E+00	1.51E-05	1.67E-03	1.01E-02	1.41E-03	1.71E-02	9.88E-06	1.63E+01	5.81E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.15E+00
2052-02-01	26	18.8	12.2	0.399	0.0174	3.33	0.393	0.0285	0.000294	4.87E-06	1.39E+00	1.51E-05	1.66E-03	1.01E-02	1.41E-03	1.71E-02	9.87E-06	1.63E+01	5.80E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.14E+00
2052-03-01	26	18.8	12.2	0.398	0.0174	3.33	0.392	0.0285	0.000294	4.86E-06	1.39E+00	1.51E-05	1.66E-03	1.01E-02	1.40E-03	1.71E-02	9.86E-06	1.62E+01	5.79E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.14E+00
2052-04-01	26	18.6	12.1	0.394	0.0172	3.29	0.388	0.0282	0.000291	4.83E-06	1.39E+00	1.51E-05	1.65E-03	1.00E-02	1.39E-03	1.69E-02	9.80E-06	1.61E+01	5.76E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.13E+00
2052-05-01	26	17.6	11.2	0.38	0.0169	3.53	0.391	0.0291	0.00032	5.16E-06	1.39E+00	1.51E-05	1.64E-03	1.00E-02	1.37E-03	1.59E-02	1.04E-05	1.68E+01	6.14E-06	2.22E-03	2.63E-02	2.41E-03	1.86E+00	1.13E+00
2052-06-01	26	15.2	9.7	0.328	0.0145	3.04	0.337	0.0251	0.000276	4.66E-06	1.39E+00	1.51E-05	1.43E-03	9.04E-03	1.18E-03	1.38E-02	9.50E-06	1.46E+01	5.57E-06	2.22E-03	2.63E-02	2.38E-03	1.84E+00	9.96E-01
2052-07-01	26	13.7	8.73	0.295	0.0131	2.74	0.303	0.0225	0.000248	4.34E-06	1.39E+00	1.51E-05	1.30E-03	8.44E-03	1.06E-03	1.24E-02	8.92E-06	1.33E+01	5.20E-06	2.21E-03	2.63E-02	2.36E-03	1.83E+00	9.06E-01
2052-08-01	26	12.6	8.07	0.273	0.0121	2.53	0.281	0.0209	0.00023	4.13E-06	1.39E+00	1.51E-05	1.21E-03	8.03E-03	9.80E-04	1.16E-02	8.54E-06	1.24E+01	4.96E-06	2.21E-03	2.63E-02	2.35E-03	1.82E+00	8.46E-01
2052-09-01	26	16	10	0.352	0.0151	3.12	0.353	0.0262	0.000282	4.73E-06	1.39E+00	1.51E-05	1.56E-03	9.45E-03	1.31E-03	1.45E-02	9.62E-06	1.52E+01	5.65E-06	2.22E-03	2.63E-02	2.39E-03	1.85E+00	1.05E+00
2052-10-01	26	16.7	10.3	0.373	0.0159	3.38	0.378	0.0282	0.000309	5.03E-06	1.39E+00	1.51E-05	1.67E-03	9.89E-03										

TMF NW Pond - 30ppm TSS

Date	Mine Year	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TMF NW Pond Statistics (Year 1 to Year																					
Minimum		0.00033591	4.368	0.03136	0.0001733	0.1918	0.3209	0.025612	0.0000615	0.00003326	0.00003171	0.0018039	0.004987	0.0456141	0.00000136	0.00004743	0.002635	0.00003227	0.00020221	0.001971	0.00486
P10		0.00298231	24.034	0.0436	0.0017853	0.28858	4.1249	0.02733	0.00008928	0.0002496	0.00003611	0.0578639	0.039477	0.04561782	0.000002731	0.00005895	0.002668	0.00062447	0.0004661	0.004032	0.01525
Median		0.00549031	42.214	0.0634	0.0054053	0.6572	4.7049	0.02993	0.0006619	0.0004036	0.00100351	0.2211839	0.074237	0.04668	0.000003611	0.00413453	0.007191	0.00088047	0.0007377	0.01526	0.02555
P90		0.00822831	52.194	0.07578	0.0060253	1.5102	5.7149	0.03073	0.0007733	0.0004626	0.00128551	0.3869839	0.092897	0.046908	0.000003791	0.00485253	0.008481	0.00162547	0.0011757	0.01736	0.03435
Maximum		0.01056031	53.514	0.0804	0.0073553	1.6802	6.0149	0.0309	0.0009159	0.0004886	0.00130551	0.5671839	0.112637	0.04728	0.000003961	0.00629453	0.010081	0.00194747	0.0015447	0.02086	0.03565
Monthly Results																					
2027-02-01	1	3.36E-04	4.37E+00	3.14E-02	1.73E-04	1.92E-01	3.21E-01	2.56E-02	6.15E-05	3.33E-05	4.08E-05	1.80E-03	4.99E-03	4.56E-02	1.36E-06	1.39E-04	2.67E-03	3.23E-05	2.02E-04	1.97E-03	4.86E-03
2027-03-01	1	4.56E-04	5.89E+00	3.31E-02	4.24E-04	1.94E-01	5.05E-01	2.58E-02	9.12E-05	4.71E-05	8.12E-05	4.39E-03	8.75E-03	4.57E-02	1.44E-06	3.53E-04	2.93E-03	7.18E-05	2.14E-04	2.63E-03	5.67E-03
2027-04-01	1	9.97E-04	1.27E+01	4.07E-02	1.56E-03	2.06E-01	1.33E+00	2.66E-02	2.24E-04	1.09E-04	2.63E-04	1.60E-02	2.55E-02	4.60E-02	1.79E-06	1.31E-03	4.09E-03	2.49E-04	2.68E-04	5.56E-03	9.32E-03
2027-05-01	1	8.22E-03	2.95E+01	6.39E-02	4.02E-03	7.76E-01	3.71E+00	2.85E-02	5.66E-04	2.94E-04	6.75E-04	4.41E-01	6.68E-02	4.65E-02	3.07E-06	3.38E-03	6.71E-03	1.49E-03	1.24E-03	1.28E-02	1.87E-02
2027-06-01	1	5.00E-03	4.23E+01	7.50E-02	6.36E-03	4.07E-01	5.01E+00	3.00E-02	8.05E-04	3.87E-04	1.04E-03	1.78E-01	9.85E-02	4.71E-02	3.43E-06	5.39E-03	9.04E-03	1.25E-03	7.38E-04	1.83E-02	2.53E-02
2027-07-01	1	4.31E-03	4.59E+01	7.83E-02	7.01E-03	3.24E-01	5.39E+00	3.05E-02	8.73E-04	4.15E-04	1.14E-03	1.18E-01	1.08E-01	4.72E-02	3.54E-06	5.95E-03	9.69E-03	1.21E-03	6.27E-04	1.99E-02	2.72E-02
2027-08-01	1	9.90E-03	3.99E+01	7.62E-02	5.73E-03	8.41E-01	4.98E+00	2.97E-02	7.76E-04	3.95E-04	9.52E-04	5.16E-01	9.19E-02	4.69E-02	3.67E-06	4.84E-03	8.48E-03	1.88E-03	1.44E-03	1.74E-02	2.42E-02
2027-09-01	1	1.02E-02	3.99E+01	7.63E-02	5.68E-03	9.05E-01	5.05E+00	2.97E-02	7.71E-04	3.94E-04	9.42E-04	5.35E-01	9.25E-02	4.69E-02	3.68E-06	4.78E-03	8.42E-03	1.92E-03	1.48E-03	1.73E-02	2.44E-02
2027-10-01	1	1.06E-02	3.87E+01	7.53E-02	5.44E-03	9.57E-01	4.94E+00	2.95E-02	7.46E-04	3.85E-04	9.04E-04	5.67E-01	8.95E-02	4.68E-02	3.65E-06	4.57E-03	8.17E-03	1.95E-03	1.54E-03	1.67E-02	2.38E-02
2027-11-01	1	1.03E-02	3.90E+01	7.54E-02	5.49E-03	9.55E-01	5.00E+00	2.96E-02	7.48E-04	3.84E-04	9.10E-04	5.46E-01	9.08E-02	4.68E-02	3.63E-06	4.61E-03	8.21E-03	1.91E-03	1.50E-03	1.68E-02	2.41E-02
2027-12-01	1	8.78E-03	4.09E+01	7.61E-02	5.87E-03	8.21E-01	5.15E+00	2.98E-02	7.78E-04	3.91E-04	9.66E-04	4.36E-01	9.57E-02	4.69E-02	3.60E-06	4.93E-03	8.57E-03	1.73E-03	1.27E-03	1.75E-02	2.51E-02
2028-01-01	2	8.33E-03	4.15E+01	7.65E-02	6.00E-03	7.71E-01	5.19E+00	2.99E-02	7.90E-04	3.94E-04	9.87E-04	4.03E-01	9.72E-02	4.70E-02	3.60E-06	5.05E-03	8.70E-03	1.68E-03	1.21E-03	1.78E-02	2.54E-02
2028-02-01	2	8.24E-03	4.17E+01	7.66E-02	6.03E-03	7.60E-01	5.20E+00	2.99E-02	7.93E-04	3.95E-04	9.92E-04	3.97E-01	9.76E-02	4.70E-02	3.60E-06	5.08E-03	8.73E-03	1.67E-03	1.19E-03	1.79E-02	2.55E-02
2028-03-01	2	8.09E-03	4.19E+01	7.68E-02	6.09E-03	7.44E-01	5.22E+00	2.99E-02	7.98E-04	3.97E-04	1.00E-03	3.86E-01	9.82E-02	4.70E-02	3.61E-06	5.13E-03	8.79E-03	1.65E-03	1.18E-03	1.80E-02	2.56E-02
2028-04-01	2	7.43E-03	4.31E+01	7.75E-02	6.32E-03	6.68E-01	5.30E+00	3.01E-02	8.19E-04	4.04E-04	1.04E-03	3.37E-01	1.01E-01	4.70E-02	3.61E-06	5.34E-03	9.02E-03	1.58E-03	1.08E-03	1.85E-02	2.61E-02
2028-05-01	2	9.98E-03	3.84E+01	7.44E-02	5.41E-03	8.95E-01	4.89E+00	2.95E-02	7.38E-04	3.80E-04	9.05E-04	5.26E-01	8.84E-02	4.68E-02	3.59E-06	4.55E-03	8.13E-03	1.86E-03	1.45E-03	1.66E-02	2.35E-02
2028-06-01	2	5.49E-03	4.50E+01	7.79E-02	6.75E-03	4.41E-01	5.34E+00	3.03E-02	8.54E-04	4.11E-04	1.12E-03	2.01E-01	1.05E-01	4.71E-02	3.58E-06	5.72E-03	9.44E-03	1.35E-03	7.98E-04	1.94E-02	2.67E-02
2028-07-01	2	4.51E-03	4.71E+01	7.94E-02	7.16E-03	3.37E-01	5.53E+00	3.06E-02	8.93E-04	4.24E-04	1.18E-03	1.28E-01	1.10E-01	4.72E-02	3.60E-06	6.09E-03	9.86E-03	1.25E-03	6.52E-04	2.03E-02	2.77E-02
2028-08-01	2	9.88E-03	4.05E+01	7.66E-02	5.79E-03	8.33E-01	5.06E+00	2.98E-02	7.82E-04	4.00E-04	9.70E-04	5.12E-01	9.27E-02	4.69E-02	3.70E-06	4.89E-03	8.54E-03	1.88E-03	1.43E-03	1.76E-02	2.43E-02
2028-09-01	2	1.01E-02	4.04E+01	7.65E-02	5.73E-03	8.90E-01	5.11E+00	2.97E-02	7.74E-04	3.97E-04	9.57E-04	5.28E-01	9.29E-02	4.69E-02	3.69E-06	4.82E-03	8.46E-03	1.91E-03	1.47E-03	1.74E-02	2.45E-02
2028-10-01	2	1.05E-02	3.90E+01	7.53E-02	5.47E-03	9.38E-01	4.99E+00	2.96E-02	7.48E-04	3.87E-04	9.16E-04	5.58E-01	8.96E-02	4.68E-02	3.65E-06	4.60E-03	8.19E-03	1.93E-03	1.52E-03	1.68E-02	2.38E-02
2028-11-01	2	1.02E-02	3.92E+01	7.52E-02	5.50E-03	9.39E-01	5.04E+00	2.96E-02	7.47E-04	3.85E-04	9.18E-04	5.38E-01	9.05E-02	4.68E-02	3.63E-06	4.61E-03	8.20E-03	1.89E-03	1.48E-03	1.68E-02	2.41E-02
2028-12-01	2	8.74E-03	4.11E+01	7.60E-0																	

TMF NW Pond - 30ppm TSS

Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2032-04-01	6	5.86E-03	4.41E+01	7.12E-02	5.82E-03	5.56E-01	5.04E+00	3.00E-02	7.38E-04	4.15E-04	1.05E-03	2.42E-01	8.91E-02	4.69E-02	3.62E-06	4.76E-03	8.19E-03	1.29E-03	8.58E-04	1.69E-02	2.74E-02
2032-05-01	6	4.86E-03	4.44E+01	6.45E-02	5.24E-03	4.71E-01	4.31E+00	2.99E-02	6.57E-04	4.20E-04	1.05E-03	1.96E-01	7.46E-02	4.67E-02	3.62E-06	4.08E-03	7.23E-03	1.10E-03	7.44E-04	1.51E-02	2.95E-02
2032-06-01	6	2.79E-03	4.86E+01	6.45E-02	5.73E-03	2.68E-01	4.08E+00	3.04E-02	6.97E-04	4.37E-04	1.19E-03	5.53E-02	7.79E-02	4.68E-02	3.63E-06	4.43E-03	7.53E-03	8.56E-04	4.55E-04	1.61E-02	3.29E-02
2032-07-01	6	4.99E-03	4.51E+01	6.32E-02	5.12E-03	4.60E-01	4.16E+00	3.00E-02	6.45E-04	4.34E-04	1.07E-03	2.12E-01	7.05E-02	4.66E-02	3.71E-06	3.92E-03	7.00E-03	1.11E-03	7.74E-04	1.48E-02	3.04E-02
2032-08-01	6	5.13E-03	4.47E+01	6.30E-02	5.05E-03	4.77E-01	4.16E+00	2.99E-02	6.37E-04	4.32E-04	1.06E-03	2.21E-01	6.97E-02	4.66E-02	3.70E-06	3.86E-03	6.93E-03	1.12E-03	7.93E-04	1.46E-02	3.02E-02
2032-09-01	6	4.67E-03	4.60E+01	6.35E-02	5.23E-03	4.36E-01	4.17E+00	3.01E-02	6.53E-04	4.37E-04	1.09E-03	1.88E-01	7.18E-02	4.67E-02	3.71E-06	4.00E-03	7.07E-03	1.07E-03	7.25E-04	1.50E-02	3.10E-02
2032-10-01	6	4.49E-03	4.62E+01	6.35E-02	5.26E-03	4.25E-01	4.16E+00	3.01E-02	6.55E-04	4.37E-04	1.10E-03	1.75E-01	7.23E-02	4.67E-02	3.70E-06	4.03E-03	7.10E-03	1.05E-03	7.00E-04	1.51E-02	3.13E-02
2032-11-01	6	4.08E-03	4.70E+01	6.37E-02	5.39E-03	3.87E-01	4.15E+00	3.02E-02	6.66E-04	4.39E-04	1.13E-03	1.46E-01	7.36E-02	4.67E-02	3.70E-06	4.13E-03	7.20E-03	1.00E-03	6.41E-04	1.53E-02	3.18E-02
2032-12-01	6	3.79E-03	4.78E+01	6.41E-02	5.51E-03	3.59E-01	4.15E+00	3.03E-02	6.78E-04	4.42E-04	1.15E-03	1.25E-01	7.50E-02	4.67E-02	3.70E-06	4.22E-03	7.30E-03	9.73E-04	5.99E-04	1.56E-02	3.24E-02
2033-01-01	7	4.03E-03	5.29E+01	6.78E-02	6.14E-03	3.63E-01	4.57E+00	3.09E-02	7.50E-04	4.88E-04	1.28E-03	1.29E-01	8.33E-02	4.68E-02	3.96E-06	4.71E-03	7.85E-03	1.06E-03	6.22E-04	1.72E-02	3.56E-02
2033-02-01	7	3.97E-03	5.29E+01	6.77E-02	6.14E-03	3.58E-01	4.55E+00	3.09E-02	7.49E-04	4.87E-04	1.28E-03	1.25E-01	8.32E-02	4.68E-02	3.95E-06	4.71E-03	7.85E-03	1.06E-03	6.14E-04	1.72E-02	3.56E-02
2033-03-01	7	3.88E-03	5.28E+01	6.76E-02	6.14E-03	3.50E-01	4.53E+00	3.09E-02	7.49E-04	4.86E-04	1.29E-03	1.19E-01	8.32E-02	4.68E-02	3.94E-06	4.72E-03	7.86E-03	1.04E-03	6.01E-04	1.72E-02	3.56E-02
2033-04-01	7	3.47E-03	5.26E+01	6.72E-02	6.14E-03	3.14E-01	4.44E+00	3.09E-02	7.45E-04	4.79E-04	1.29E-03	9.25E-02	8.28E-02	4.68E-02	3.89E-06	4.72E-03	7.85E-03	9.84E-04	5.44E-04	1.71E-02	3.55E-02
2033-05-01	7	4.23E-03	4.67E+01	6.34E-02	5.31E-03	4.05E-01	4.16E+00	3.02E-02	6.59E-04	4.37E-04	1.12E-03	1.56E-01	7.28E-02	4.67E-02	3.69E-06	4.07E-03	7.13E-03	1.02E-03	6.61E-04	1.52E-02	3.16E-02
2033-06-01	7	2.62E-03	4.94E+01	6.42E-02	5.75E-03	2.50E-01	4.03E+00	3.05E-02	6.97E-04	4.42E-04	1.22E-03	4.43E-02	7.74E-02	4.68E-02	3.65E-06	4.43E-03	7.51E-03	8.35E-04	4.32E-04	1.61E-02	3.35E-02
2033-07-01	7	4.93E-03	4.55E+01	6.31E-02	5.12E-03	4.50E-01	4.16E+00	3.00E-02	6.44E-04	4.36E-04	1.09E-03	2.07E-01	7.02E-02	4.66E-02	3.72E-06	3.92E-03	6.98E-03	1.10E-03	7.64E-04	1.48E-02	3.06E-02
2033-08-01	7	5.09E-03	4.50E+01	6.28E-02	5.05E-03	4.70E-01	4.17E+00	3.00E-02	6.37E-04	4.34E-04	1.07E-03	2.18E-01	6.94E-02	4.66E-02	3.71E-06	3.86E-03	6.92E-03	1.12E-03	7.87E-04	1.46E-02	3.03E-02
2033-09-01	7	4.64E-03	4.62E+01	6.34E-02	5.23E-03	4.31E-01	4.18E+00	3.01E-02	6.53E-04	4.38E-04	1.11E-03	1.86E-01	7.16E-02	4.67E-02	3.72E-06	4.00E-03	7.06E-03	1.07E-03	7.21E-04	1.50E-02	3.11E-02
2033-10-01	7	4.48E-03	4.64E+01	6.34E-02	5.26E-03	4.20E-01	4.17E+00	3.01E-02	6.55E-04	4.38E-04	1.11E-03	1.74E-01	7.20E-02	4.67E-02	3.71E-06	4.03E-03	7.09E-03	1.05E-03	6.97E-04	1.51E-02	3.13E-02
2033-11-01	7	4.08E-03	4.72E+01	6.36E-02	5.38E-03	3.84E-01	4.15E+00	3.02E-02	6.65E-04	4.39E-04	1.14E-03	1.45E-01	7.34E-02	4.67E-02	3.70E-06	4.12E-03	7.19E-03	1.00E-03	6.39E-04	1.53E-02	3.19E-02
2033-12-01	7	3.79E-03	4.80E+01	6.40E-02	5.50E-03	3.56E-01	4.15E+00	3.03E-02	6.77E-04	4.43E-04	1.16E-03	1.25E-01	7.48E-02	4.67E-02	3.71E-06	4.22E-03	7.29E-03	9.72E-04	5.97E-04	1.56E-02	3.24E-02
2034-01-01	8	4.03E-03	5.31E+01	6.78E-02	6.14E-03	3.61E-01	4.58E+00	3.09E-02	7.50E-04	4.89E-04	1.30E-03	1.28E-01	8.31E-02	4.68E-02	3.96E-06	4.72E-03	7.85E-03	1.06E-03	6.21E-04	1.72E-02	3.57E-02
2034-02-01	8	3.97E-03	5.31E+01	6.77E-02	6.14E-03	3.56E-01	4.56E+00	3.09E-02	7.50E-04	4.88E-04	1.30E-03	1.24E-01	8.31E-02	4.68E-02	3.96E-06	4.72E-03	7.85E-03	1.06E-03	6.13E-04	1.72E-02	3.57E-02
2034-03-01	8	3.88E-03	5.31E+01	6.76E-02	6.14E-03	3.47E-01	4.54E+00	3.09E-02	7.49E-04	4.87E-04	1.30E-03	1.18E-01	8.30E-02	4.68E-02	3.95E-06	4.72E-03	7.85E-03	1.04E-03	6.00E-04	1.72E-02	3.57E-02
2034-04-01	8	3.47E-03	5.29E+01	6.71E-02	6.13E-03	3.12E-01	4.44E+00	3.09E-02	7.46E-04	4.80E-04	1.30E-03	9.22E-02	8.27E-02	4.68E-02	3.89E-06	4.72E-03	7.85E-03	9.86E-04	5.44E-04	1.71E-02	3.56E-02
2034-05-01	8	4.24E-03	4.70E+01	6.34E-02	5.31E-03	4.02E-01	4.16E+00	3.02E-02	6.59E-04	4.37E-04	1.13E-03	1.56E-01	7.26E-02	4.67E-02	3.69E-06	4.07E-03	7.13E-03	1.02E-03	6.60E-04	1.52E-02	3.16E-02
2034-06-01	8	2.62E-03	4.97E+01	6.41E-02	5.74E-03	2.49E-01	4.03E+00	3.05E-02	6.97E-04	4.42E-04	1.23E-03	4.42E-02	7.73E-02	4.68E-02	3.65E-06	4.44E-03	7.51E-03	8.36E-04	4.32E-04	1.61E-02	3.35E-02
2034-07-01	8	4.93E-03	4.58E+01	6.30E-02	5.12E-03	4.47E-01	4.14E+00	3.00E-02	6.44E-04	4.36E-04	1.10E-03	2.07E-01	7.00E-02	4.66E-02	3.72E-06	3.93E-03	6.98E-03	1.10E-03	7.64E-04	1.48E-02	3.06E-02
2034-08-01	8	5.10E-03	4.53E+01	6.28E-02	5.05E-03	4.67E-01	4.15E+00	3.00E-02	6.37E-04	4.34E-04	1.08E-03	2.18E-01	6.93E-02	4.66E-02	3.71E-06	3.87E-03	6.92E-03	1.12E-03	7.87E-04	1.46E-02	3.03E-02
2034-09-01	8	4.65E-03	4.65E+01	6.33E-02	5.22E-03	4.28E-01	4.16E+00	3.01E-02	6.53E-04	4.38E-04	1.12E-03	1.85E-01	7.14E-02	4.67E-02	3.72E-06	4.01E-03	7.07E-03	1.07E-03	7.21E-04	1.50E-02	3.11E-02
2034-10-01	8	4.49E-03	4.67E+01	6.34E-02	5.26E-03	4.17E-01	4.16E+00	3.02E-02	6.55E-04	4.38E-04	1.13E-03	1.74E-01	7.19E-02	4.67E-02	3.71E-06	4.03E-03	7.09E-03	1.05E-03	6.96E-04	1.51E-02	3.13E-02
2034-11-01	8	4.08E-03	4.75E+01	6.36E-02	5.38E-03	3.81E-01	4.14E+00	3.02E-02	6.66E-04	4.39E-04	1.15E-03	1.45E-01	7.32E-02	4.67E-02	3.70E-06	4.13E-03	7.19E-03	1.00E-03	6.38E-04	1.53E-02	3.19E-02
2034-12-01	8	3.80E-03	4.83E+01	6.40E-02	5.50E-03	3.54E-01	4.15E+00	3.03E-02	6.77E-04	4.43E-04	1.18E-03	1.24E-01	7.46E-02	4.67E-02	3.71E-06	4.23E-03	7.30E-03	9.74E-04	5.97E-04	1.56E-02	3.24E-02
2035-01-01	9	4.04E-03	5.35E+01	6.77E-02	6.13E-03	3.58E-01	4.57E+00	3.09E-02	7.50E-04	4.89E-04	1.31E-03	1.28E-01	8.30E-02	4.68E-02	3.96E-06	4.73E-03	7.85E-03	1.07E-03	6.20E-04	1.72E-02	3.57E-02
2035-02-01	9	3.98E-03	5.34E+01	6.77E-02	6.13E-03	3.53E-01	4.55E+00	3.09E-02	7.50E-04	4.88E-04	1.31E-03	1.24E-01	8.29E-02	4.68E-02	3.96E-06	4.73E-03	7.85E-03	1.06E-03	6.12E-04	1.72E-02	3.57E-02
2035-03-01	9	3.88E-03	5.34E+01	6.76E-02	6.13E-03	3.45E-01	4.53E+00	3.09E-02	7.49E-04	4.87E-04	1.31E-03	1.18E-01	8.29E-02	4.68E-02	3.95E-06	4.73E-03	7.85E-03	1.05E-03	5.99E-04	1.72E-02	3.57E-02
2035-04-01	9	3.47E-03	5.32E+01	6.71E-02	6.12E-03	3.11E-01	4.44E+00	3.09E-02	7.46E-04	4.80E-04	1.31E-03	9.20E-02	8.26E-02	4.68E-02	3.89E-06	4.73E-03	7.85E-03	9.87E-04	5.43E-04	1.71E-02	3.56E-02
2035-05-01	9	4.25E-03	4.72E+01	6.34E-02	5.31E-03	3.99E-01	4.15E+00	3.02E-02	6.58E-04	4.37E-04	1.14E-03	1.56E-01	7.25E-02	4.67E-02	3.69E-06	4.08E-03	7.13E-03	1.02E-03	6.60E-04	1.52E-02	3.16E-02
2035-06-01	9	2.62E-03	4.98E+01	6.41E-02	5.73E-03	2.48E-01	4.03E+00	3.05E-02	6.97E-04	4.42E-04	1.24E-03	4.42E-02	7.72E-02	4.68E-02	3.65E-06	4.44E-03	7.51E-03	8.38E-04	4.32E-04	1.61E-02	3.35E-02
2035-07-01	9	2.32E-03	5.08E+01	6.46E-02	5.87E-03	2.19E-01	4.04E+00	3.07E-02	7.11E-04	4.47E-04	1.27E-03	2.25E-02	7.88E-02	4.68E-02	3.66E-06	4.56E-03	7.63E-03	8.10E-04	3.89E-04	1.64E-02	3.42E-02
2035-08-01	9	3.68E-03	4.81E+01	6.36E-02	5.45E-03	3.42E-01	4.10E+00	3.03E-02	6.72E-04	4.39E-04	1.18E-03	1.18E-01	7.39E-02	4.67E-02	3.68E-06	4.20E-03	7.26E-03	9.56E-04	5.82E-04	1.55E-02	3.22E-02
2035-09-01	9	3.52E-03	4.88E+01	6.40E-02	5.55E-03	3.28E-01	4.12E+00	3.04E-02	6.81E-04	4.43E-04	1.20E-03	1.05E-01	7.51E-02	4.67E-02	3.69E-06	4.28E-03	7.34E-03	9.42E-04	5.57E-04	1.57E-02	3.27E-02
2035-10																					

TMF NW Pond - 30ppm TSS

Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2038-01-01	12	3.32E-03	5.26E+01	6.62E-02	5.99E-03	3.00E-01	4.38E+00	3.08E-02	7.29E-04	4.72E-04	1.30E-03	8.21E-02	8.07E-02	4.68E-02	3.84E-06	4.63E-03	7.73E-03	9.51E-04	5.19E-04	1.68E-02	3.49E-02
2038-02-01	12	3.28E-03	5.26E+01	6.62E-02	5.99E-03	2.97E-01	4.37E+00	3.08E-02	7.29E-04	4.72E-04	1.30E-03	7.97E-02	8.08E-02	4.68E-02	3.84E-06	4.64E-03	7.73E-03	9.47E-04	5.14E-04	1.68E-02	3.49E-02
2038-03-01	12	3.22E-03	5.26E+01	6.61E-02	6.00E-03	2.91E-01	4.36E+00	3.08E-02	7.30E-04	4.71E-04	1.31E-03	7.58E-02	8.08E-02	4.68E-02	3.83E-06	4.64E-03	7.74E-03	9.40E-04	5.06E-04	1.68E-02	3.50E-02
2038-04-01	12	2.96E-03	5.26E+01	6.60E-02	6.02E-03	2.69E-01	4.30E+00	3.08E-02	7.31E-04	4.68E-04	1.31E-03	5.91E-02	8.09E-02	4.68E-02	3.81E-06	4.67E-03	7.76E-03	9.07E-04	4.70E-04	1.68E-02	3.50E-02
2038-05-01	12	4.06E-03	4.71E+01	6.27E-02	5.23E-03	3.78E-01	4.10E+00	3.02E-02	6.47E-04	4.34E-04	1.14E-03	1.42E-01	7.11E-02	4.66E-02	3.67E-06	4.01E-03	7.05E-03	9.78E-04	6.29E-04	1.49E-02	3.11E-02
2038-06-01	12	2.58E-03	5.00E+01	6.39E-02	5.70E-03	2.44E-01	4.01E+00	3.05E-02	6.93E-04	4.41E-04	1.25E-03	4.12E-02	7.67E-02	4.68E-02	3.64E-06	4.43E-03	7.48E-03	8.30E-04	4.24E-04	1.60E-02	3.34E-02
2038-07-01	12	2.30E-03	5.10E+01	6.44E-02	5.85E-03	2.17E-01	4.03E+00	3.07E-02	7.09E-04	4.46E-04	1.28E-03	2.11E-02	7.85E-02	4.68E-02	3.66E-06	4.55E-03	7.62E-03	8.08E-04	3.86E-04	1.64E-02	3.41E-02
2038-08-01	12	3.68E-03	4.84E+01	6.33E-02	5.41E-03	3.37E-01	4.10E+00	3.03E-02	6.67E-04	4.41E-04	1.18E-03	1.16E-01	7.32E-02	4.67E-02	3.69E-06	4.18E-03	7.23E-03	9.50E-04	5.78E-04	1.54E-02	3.20E-02
2038-09-01	12	3.56E-03	4.90E+01	6.37E-02	5.49E-03	3.27E-01	4.12E+00	3.04E-02	6.75E-04	4.44E-04	1.20E-03	1.06E-01	7.43E-02	4.67E-02	3.70E-06	4.24E-03	7.29E-03	9.39E-04	5.59E-04	1.56E-02	3.24E-02
2038-10-01	12	3.72E-03	4.85E+01	6.34E-02	5.42E-03	3.43E-01	4.12E+00	3.03E-02	6.67E-04	4.41E-04	1.18E-03	1.17E-01	7.34E-02	4.67E-02	3.69E-06	4.18E-03	7.23E-03	9.51E-04	5.79E-04	1.54E-02	3.21E-02
2038-11-01	12	3.50E-03	4.89E+01	6.36E-02	5.49E-03	3.25E-01	4.11E+00	3.04E-02	6.74E-04	4.42E-04	1.20E-03	1.02E-01	7.43E-02	4.67E-02	3.69E-06	4.24E-03	7.29E-03	9.28E-04	5.49E-04	1.56E-02	3.24E-02
2038-12-01	12	3.24E-03	4.95E+01	6.38E-02	5.58E-03	3.01E-01	4.11E+00	3.05E-02	6.83E-04	4.44E-04	1.22E-03	8.44E-02	7.54E-02	4.67E-02	3.69E-06	4.32E-03	7.37E-03	9.04E-04	5.13E-04	1.58E-02	3.28E-02
2039-01-01	13	3.31E-03	5.25E+01	6.60E-02	5.96E-03	2.97E-01	4.34E+00	3.08E-02	7.26E-04	4.70E-04	1.30E-03	8.15E-02	8.03E-02	4.68E-02	3.83E-06	4.61E-03	7.70E-03	9.47E-04	5.17E-04	1.67E-02	3.48E-02
2039-02-01	13	3.27E-03	5.25E+01	6.60E-02	5.96E-03	2.94E-01	4.33E+00	3.08E-02	7.26E-04	4.70E-04	1.30E-03	7.90E-02	8.03E-02	4.68E-02	3.83E-06	4.62E-03	7.71E-03	9.42E-04	5.12E-04	1.67E-02	3.48E-02
2039-03-01	13	3.21E-03	5.26E+01	6.60E-02	5.97E-03	2.89E-01	4.32E+00	3.08E-02	7.27E-04	4.69E-04	1.31E-03	7.52E-02	8.04E-02	4.68E-02	3.82E-06	4.63E-03	7.71E-03	9.35E-04	5.04E-04	1.67E-02	3.48E-02
2039-04-01	13	2.95E-03	5.26E+01	6.58E-02	5.99E-03	2.67E-01	4.27E+00	3.08E-02	7.28E-04	4.66E-04	1.31E-03	5.86E-02	8.06E-02	4.68E-02	3.80E-06	4.65E-03	7.74E-03	9.04E-04	4.69E-04	1.68E-02	3.49E-02
2039-05-01	13	4.04E-03	4.72E+01	6.26E-02	5.22E-03	3.73E-01	4.10E+00	3.02E-02	6.45E-04	4.34E-04	1.14E-03	1.40E-01	7.09E-02	4.66E-02	3.67E-06	4.01E-03	7.04E-03	9.73E-04	6.24E-04	1.49E-02	3.10E-02
2039-06-01	13	2.57E-03	5.00E+01	6.38E-02	5.70E-03	2.42E-01	4.01E+00	3.05E-02	6.63E-04	4.41E-04	1.25E-03	4.06E-02	7.66E-02	4.68E-02	3.64E-06	4.43E-03	7.68E-03	8.29E-04	4.23E-04	1.60E-02	3.34E-02
2039-07-01	13	2.30E-03	5.11E+01	6.44E-02	5.84E-03	2.16E-01	4.03E+00	3.07E-02	7.09E-04	4.46E-04	1.29E-03	2.08E-02	7.84E-02	4.68E-02	3.66E-06	4.55E-03	7.62E-03	8.07E-04	3.85E-04	1.64E-02	3.41E-02
2039-08-01	13	3.68E-03	4.84E+01	6.33E-02	5.41E-03	3.34E-01	4.10E+00	3.03E-02	6.66E-04	4.41E-04	1.18E-03	1.16E-01	7.31E-02	4.67E-02	3.69E-06	4.18E-03	7.22E-03	9.47E-04	5.76E-04	1.54E-02	3.19E-02
2039-09-01	13	3.56E-03	4.90E+01	6.36E-02	5.49E-03	3.25E-01	4.13E+00	3.04E-02	6.74E-04	4.44E-04	1.20E-03	1.06E-01	7.42E-02	4.67E-02	3.70E-06	4.24E-03	7.29E-03	9.37E-04	5.57E-04	1.56E-02	3.24E-02
2039-10-01	13	3.71E-03	4.86E+01	6.34E-02	5.42E-03	3.40E-01	4.13E+00	3.03E-02	6.67E-04	4.42E-04	1.18E-03	1.16E-01	7.33E-02	4.67E-02	3.69E-06	4.18E-03	7.22E-03	9.48E-04	5.77E-04	1.54E-02	3.20E-02
2039-11-01	13	3.50E-03	4.90E+01	6.35E-02	5.49E-03	3.23E-01	4.12E+00	3.04E-02	6.73E-04	4.42E-04	1.20E-03	1.01E-01	7.41E-02	4.67E-02	3.69E-06	4.23E-03	7.28E-03	9.26E-04	5.47E-04	1.55E-02	3.23E-02
2039-12-01	13	3.27E-03	4.98E+01	6.40E-02	5.61E-03	3.01E-01	4.13E+00	3.05E-02	6.86E-04	4.47E-04	1.23E-03	8.49E-02	7.57E-02	4.67E-02	3.70E-06	4.34E-03	7.39E-03	9.09E-04	5.15E-04	1.58E-02	3.30E-02
2040-01-01	14	3.27E-03	5.18E+01	6.54E-02	5.86E-03	2.95E-01	4.28E+00	3.07E-02	7.14E-04	4.63E-04	1.28E-03	8.02E-02	7.89E-02	4.68E-02	3.79E-06	4.54E-03	7.62E-03	9.31E-04	5.11E-04	1.65E-02	3.42E-02
2040-02-01	14	3.23E-03	5.18E+01	6.54E-02	5.87E-03	2.91E-01	4.27E+00	3.07E-02	7.15E-04	4.63E-04	1.29E-03	7.78E-02	7.90E-02	4.68E-02	3.79E-06	4.54E-03	7.62E-03	9.27E-04	5.06E-04	1.65E-02	3.43E-02
2040-03-01	14	3.17E-03	5.19E+01	6.54E-02	5.88E-03	2.87E-01	4.27E+00	3.07E-02	7.16E-04	4.63E-04	1.29E-03	7.40E-02	7.92E-02	4.68E-02	3.79E-06	4.56E-03	7.63E-03	9.21E-04	4.99E-04	1.65E-02	3.43E-02
2040-04-01	14	2.92E-03	5.21E+01	6.54E-02	5.93E-03	2.65E-01	4.23E+00	3.08E-02	7.20E-04	4.62E-04	1.30E-03	5.77E-02	7.96E-02	4.68E-02	3.77E-06	4.60E-03	7.68E-03	8.93E-04	4.65E-04	1.66E-02	3.45E-02
2040-05-01	14	3.87E-03	4.65E+01	6.17E-02	5.11E-03	3.63E-01	4.13E+00	3.01E-02	6.30E-04	4.34E-04	1.11E-03	1.30E-01	6.93E-02	4.66E-02	3.66E-06	3.91E-03	6.93E-03	9.33E-04	5.98E-04	1.46E-02	3.04E-02
2040-06-01	14	2.54E-03	4.98E+01	6.36E-02	5.66E-03	2.41E-01	4.02E+00	3.05E-02	6.88E-04	4.41E-04	1.24E-03	3.88E-02	7.61E-02	4.67E-02	3.64E-06	4.39E-03	7.44E-03	8.19E-04	4.18E-04	1.59E-02	3.32E-02
2040-07-01	14	2.29E-03	5.09E+01	6.43E-02	5.83E-03	2.16E-01	4.04E+00	3.06E-02	7.06E-04	4.46E-04	1.28E-03	2.02E-02	7.82E-02	4.68E-02	3.66E-06	4.54E-03	7.60E-03	8.03E-04	3.83E-04	1.63E-02	3.40E-02
2040-08-01	14	3.59E-03	4.82E+01	6.28E-02	5.35E-03	3.30E-01	4.17E+00	3.03E-02	6.58E-04	4.45E-04	1.16E-03	1.10E-01	7.23E-02	4.67E-02	3.71E-06	4.12E-03	7.16E-03	9.25E-04	5.62E-04	1.52E-02	3.16E-02
2040-09-01	14	3.53E-03	4.86E+01	6.31E-02	5.41E-03	3.25E-01	4.19E+00	3.03E-02	6.63E-04	4.47E-04	1.18E-03	1.04E-01	7.30E-02	4.67E-02	3.71E-06	4.16E-03	7.20E-03	9.19E-04	5.50E-04	1.53E-02	3.19E-02
2040-10-01	14	3.65E-03	4.81E+01	6.27E-02	5.33E-03	3.39E-01	4.19E+00	3.02E-02	6.53E-04	4.44E-04	1.16E-03	1.12E-01	7.20E-02	4.67E-02	3.70E-06	4.08E-03	7.12E-03	9.25E-04	5.66E-04	1.51E-02	3.15E-02
2040-11-01	14	3.51E-03	4.84E+01	6.29E-02	5.38E-03	3.27E-01	4.17E+00	3.03E-02	6.58E-04	4.43E-04	1.17E-03	1.02E-01	7.26E-02	4.67E-02	3.69E-06	4.13E-03	7.16E-03	9.10E-04	5.45E-04	1.52E-02	3.17E-02
2040-12-01	14	3.29E-03	4.92E+01	6.34E-02	5.50E-03	3.06E-01	4.17E+00	3.04E-02	6.71E-04	4.46E-04	1.20E-03	8.65E-02	7.42E-02	4.67E-02	3.70E-06	4.23E-03	7.28E-03	8.94E-04	5.15E-04	1.55E-02	3.24E-02
2041-01-01	15	3.37E-03	5.23E+01	6.56E-02	5.89E-03	3.03E-01	4.41E+00	3.07E-02	7.15E-04	4.73E-04	1.28E-03	8.45E-02	7.92E-02	4.68E-02	3.85E-06	4.54E-03	7.62E-03	9.41E-04	5.21E-04	1.65E-02	3.43E-02
2041-02-01	15	3.33E-03	5.23E+01	6.56E-02	5.90E-03	3.00E-01	4.40E+00	3.07E-02	7.16E-04	4.73E-04	1.28E-03	8.20E-02	7.93E-02	4.68E-02	3.85E-06	4.55E-03	7.63E-03	9.36E-04	5.16E-04	1.65E-02	3.44E-02
2041-03-01	15	3.27E-03	5.23E+01	6.56E-02	5.91E-03	2.94E-01	4.39E+00	3.07E-02	7.17E-04	4.72E-04	1.29E-03	7.80E-02	7.94E-02	4.68E-02	3.84E-06	4.56E-03	7.64E-03	9.30E-04	5.07E-04	1.65E-02	3.44E-02
2041-04-01	15	2.99E-03	5.24E+01	6.56E-02	5.94E-03	2.71E-01	4.33E+00	3.08E-02	7.21E-04	4.69E-04	1.30E-03	6.08E-02	7.98E-02	4.68E-02	3.81E-06	4.60E-03	7.68E-03	9.00E-04	4.72E-04	1.66E-02	3.46E-02
2041-05-01	15	4.73E-03	4.75E+01	6.17E-02	5.10E-03	5.15E-01	4.63E+00	3.01E-02	5.91E-04	4.19E-04	1.03E-03	1.48E-01	7.02E-02	4.65E-02	3.58E-06	3.63E-03	6.62E-03	9.26E-04	6.28E-04	1.41E-02	3.03E-02
2041-06-01	15	2.89E-03	5.01E+01	6.35E-02	5.64E-03	2.96E-01	4.20E+00	3.05E-02	6.74E-04	4.36E-04	1.21E-03	4.90E-02	7.62E-02	4.67E-02	3.62E-06	4.29E-03	7.33E-03	8.23E-04	4.37E-04		

TMF NW Pond - 30ppm TSS

Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2043-10-01	17	3.48E-03	4.94E+01	6.24E-02	5.42E-03	4.27E-01	4.63E+00	3.03E-02	6.23E-04	4.34E-04	1.10E-03	6.93E-02	7.47E-02	4.66E-02	3.62E-06	3.91E-03	6.92E-03	8.04E-04	4.68E-04	1.48E-02	3.20E-02
2043-11-01	17	3.69E-03	4.90E+01	6.20E-02	5.34E-03	4.68E-01	4.73E+00	3.03E-02	6.06E-04	4.29E-04	1.07E-03	7.69E-02	7.41E-02	4.66E-02	3.60E-06	3.79E-03	6.79E-03	8.00E-04	4.81E-04	1.45E-02	3.17E-02
2043-12-01	17	3.58E-03	4.93E+01	6.23E-02	5.41E-03	4.53E-01	4.69E+00	3.03E-02	6.15E-04	4.30E-04	1.08E-03	7.01E-02	7.48E-02	4.66E-02	3.60E-06	3.86E-03	6.86E-03	7.97E-04	4.68E-04	1.47E-02	3.20E-02
2044-01-01	18	3.56E-03	5.03E+01	6.30E-02	5.54E-03	4.46E-01	4.75E+00	3.04E-02	6.31E-04	4.38E-04	1.12E-03	6.81E-02	7.65E-02	4.66E-02	3.65E-06	3.97E-03	6.98E-03	8.11E-04	4.68E-04	1.50E-02	3.27E-02
2044-02-01	18	3.62E-03	5.13E+01	6.37E-02	5.65E-03	4.49E-01	4.83E+00	3.05E-02	6.44E-04	4.47E-04	1.14E-03	6.89E-02	7.80E-02	4.67E-02	3.70E-06	4.06E-03	7.08E-03	8.27E-04	4.72E-04	1.53E-02	3.33E-02
2044-03-01	18	3.61E-03	5.12E+01	6.36E-02	5.64E-03	4.48E-01	4.83E+00	3.05E-02	6.43E-04	4.46E-04	1.14E-03	6.88E-02	7.79E-02	4.67E-02	3.69E-06	4.05E-03	7.07E-03	8.26E-04	4.72E-04	1.53E-02	3.32E-02
2044-04-01	18	3.58E-03	5.07E+01	6.33E-02	5.59E-03	4.46E-01	4.78E+00	3.05E-02	6.36E-04	4.42E-04	1.13E-03	6.81E-02	7.71E-02	4.66E-02	3.67E-06	4.01E-03	7.03E-03	8.17E-04	4.69E-04	1.51E-02	3.29E-02
2044-05-01	18	6.19E-03	3.99E+01	5.41E-02	3.72E-03	8.86E-01	5.44E+00	2.90E-02	3.68E-04	3.74E-04	5.81E-04	2.13E-01	5.65E-02	4.61E-02	3.38E-06	2.04E-03	4.86E-03	8.00E-04	7.16E-04	9.68E-03	2.38E-02
2044-06-01	18	5.37E-03	3.49E+01	5.09E-02	3.21E-03	7.91E-01	4.72E+00	2.85E-02	3.23E-04	3.26E-04	5.04E-04	1.84E-01	4.91E-02	4.61E-02	3.09E-06	1.76E-03	4.54E-03	6.91E-04	6.44E-04	8.56E-03	2.11E-02
2044-07-01	18	4.86E-03	3.17E+01	4.88E-02	2.89E-03	7.30E-01	4.27E+00	2.82E-02	2.95E-04	2.96E-04	4.55E-04	1.65E-01	4.45E-02	4.60E-02	2.91E-06	1.58E-03	4.34E-03	6.22E-04	5.99E-04	7.86E-03	1.95E-02
2044-08-01	18	4.52E-03	2.96E+01	4.74E-02	2.68E-03	6.90E-01	3.97E+00	2.80E-02	2.76E-04	2.76E-04	4.22E-04	1.53E-01	4.13E-02	4.60E-02	2.79E-06	1.46E-03	4.20E-03	5.76E-04	5.69E-04	7.39E-03	1.83E-02
2044-09-01	18	6.51E-03	3.16E+01	4.78E-02	2.61E-03	1.03E+00	5.15E+00	2.80E-02	2.15E-04	2.92E-04	2.87E-04	2.32E-01	4.37E-02	4.59E-02	2.93E-06	9.73E-04	3.67E-03	6.64E-04	7.23E-04	6.52E-03	1.83E-02
2044-10-01	18	7.58E-03	3.10E+01	4.69E-02	2.35E-03	1.19E+00	5.66E+00	2.78E-02	1.64E-04	2.96E-04	1.78E-04	2.84E-01	4.19E-02	4.58E-02	2.98E-06	5.75E-04	3.24E-03	7.08E-04	8.21E-04	5.59E-03	1.72E-02
2044-11-01	18	8.05E-03	3.14E+01	4.68E-02	2.34E-03	1.30E+00	5.96E+00	2.78E-02	1.39E-04	2.89E-04	1.30E-04	2.95E-01	4.30E-02	4.57E-02	2.95E-06	3.98E-04	3.05E-03	7.04E-04	8.40E-04	5.26E-03	1.72E-02
2044-12-01	18	7.96E-03	3.12E+01	4.66E-02	2.34E-03	1.31E+00	5.92E+00	2.78E-02	1.33E-04	2.78E-04	1.20E-04	2.86E-01	4.32E-02	4.57E-02	2.89E-06	3.64E-04	3.01E-03	6.77E-04	8.18E-04	5.17E-03	1.72E-02
2045-01-01	19	7.90E-03	3.09E+01	4.65E-02	2.32E-03	1.30E+00	5.88E+00	2.78E-02	1.32E-04	2.76E-04	1.19E-04	2.83E-01	4.29E-02	4.57E-02	2.87E-06	3.61E-04	3.00E-03	6.72E-04	8.13E-04	5.14E-03	1.71E-02
2045-02-01	19	7.89E-03	3.09E+01	4.65E-02	2.32E-03	1.30E+00	5.87E+00	2.78E-02	1.32E-04	2.76E-04	1.19E-04	2.83E-01	4.28E-02	4.57E-02	2.87E-06	3.61E-04	3.00E-03	6.71E-04	8.12E-04	5.14E-03	1.71E-02
2045-03-01	19	7.88E-03	3.09E+01	4.64E-02	2.31E-03	1.30E+00	5.86E+00	2.78E-02	1.32E-04	2.75E-04	1.19E-04	2.82E-01	4.28E-02	4.57E-02	2.87E-06	3.60E-04	3.00E-03	6.70E-04	8.11E-04	5.13E-03	1.71E-02
2045-04-01	19	7.80E-03	3.06E+01	4.63E-02	2.29E-03	1.29E+00	5.80E+00	2.78E-02	1.31E-04	2.73E-04	1.18E-04	2.80E-01	4.23E-02	4.57E-02	2.85E-06	3.57E-04	3.00E-03	6.63E-04	8.05E-04	5.10E-03	1.70E-02
2045-05-01	19	8.23E-03	2.95E+01	4.56E-02	2.07E-03	1.32E+00	5.94E+00	2.76E-02	1.15E-04	2.90E-04	7.90E-05	3.18E-01	3.97E-02	4.57E-02	2.97E-06	2.14E-04	2.85E-03	7.22E-04	8.83E-04	4.68E-03	1.59E-02
2045-06-01	19	7.14E-03	2.59E+01	4.35E-02	1.79E-03	1.17E+00	5.15E+00	2.73E-02	1.06E-04	2.53E-04	7.03E-05	2.75E-01	3.46E-02	4.57E-02	2.74E-06	1.85E-04	2.80E-03	6.24E-04	7.89E-04	4.25E-03	1.43E-02
2045-07-01	19	6.45E-03	2.37E+01	4.22E-02	1.61E-03	1.07E+00	4.65E+00	2.71E-02	9.92E-05	2.30E-04	6.47E-05	2.47E-01	3.14E-02	4.56E-02	2.60E-06	1.67E-04	2.77E-03	5.62E-04	7.29E-04	3.98E-03	1.33E-02
2045-08-01	19	5.98E-03	2.21E+01	4.13E-02	1.49E-03	1.00E+00	4.32E+00	2.70E-02	9.50E-05	2.15E-04	6.11E-05	2.28E-01	2.93E-02	4.56E-02	2.50E-06	1.55E-04	2.75E-03	5.20E-04	6.89E-04	3.80E-03	1.26E-02
2045-09-01	19	7.43E-03	2.66E+01	4.39E-02	1.85E-03	1.24E+00	5.38E+00	2.74E-02	9.79E-05	2.54E-04	5.43E-05	2.82E-01	3.66E-02	4.56E-02	2.75E-06	1.27E-04	2.74E-03	6.30E-04	8.03E-04	4.21E-03	1.48E-02
2045-10-01	19	8.03E-03	2.79E+01	4.47E-02	1.93E-03	1.33E+00	5.77E+00	2.75E-02	9.81E-05	2.74E-04	7.78E-05	3.12E-01	3.85E-02	4.56E-02	2.88E-06	1.01E-04	2.72E-03	6.89E-04	8.65E-04	4.30E-03	1.53E-02
2045-11-01	19	8.29E-03	2.90E+01	4.54E-02	2.06E-03	1.40E+00	6.01E+00	2.76E-02	9.65E-05	2.74E-04	4.43E-05	3.14E-01	4.12E-02	4.56E-02	2.88E-06	8.77E-05	2.71E-03	6.91E-04	8.69E-04	4.41E-03	1.61E-02
2045-12-01	19	8.16E-03	2.90E+01	4.53E-02	2.08E-03	1.41E+00	5.97E+00	2.76E-02	9.43E-05	2.65E-04	4.28E-05	3.02E-01	4.18E-02	4.56E-02	2.82E-06	8.31E-05	2.70E-03	6.66E-04	8.44E-04	4.41E-03	1.62E-02
2046-01-01	20	8.10E-03	2.88E+01	4.52E-02	2.07E-03	1.40E+00	5.92E+00	2.76E-02	9.39E-05	2.63E-04	4.26E-05	3.00E-01	4.14E-02	4.56E-02	2.81E-06	8.25E-05	2.70E-03	6.60E-04	8.39E-04	4.38E-03	1.61E-02
2046-02-01	20	8.09E-03	2.87E+01	4.52E-02	2.07E-03	1.40E+00	5.91E+00	2.76E-02	9.38E-05	2.63E-04	4.25E-05	2.99E-01	4.14E-02	4.56E-02	2.81E-06	8.24E-05	2.70E-03	6.60E-04	8.38E-04	4.38E-03	1.61E-02
2046-03-01	20	8.08E-03	2.87E+01	4.52E-02	2.06E-03	1.39E+00	5.90E+00	2.76E-02	9.37E-05	2.63E-04	4.25E-05	2.99E-01	4.13E-02	4.56E-02	2.81E-06	8.23E-05	2.70E-03	6.59E-04	8.37E-04	4.37E-03	1.61E-02
2046-04-01	20	8.00E-03	2.84E+01	4.50E-02	2.04E-03	1.38E+00	5.84E+00	2.76E-02	9.32E-05	2.60E-04	4.22E-05	2.96E-01	4.09E-02	4.56E-02	2.79E-06	8.15E-05	2.69E-03	6.52E-04	8.31E-04	4.35E-03	1.60E-02
2046-05-01	20	8.28E-03	2.82E+01	4.50E-02	1.95E-03	1.38E+00	5.93E+00	2.75E-02	9.65E-05	2.83E-04	4.12E-05	3.27E-01	3.96E-02	4.56E-02	2.94E-06	7.57E-05	2.70E-03	7.17E-04	8.97E-04	4.31E-03	1.56E-02
2046-06-01	20	7.18E-03	2.48E+01	4.30E-02	1.68E-03	1.22E+00	5.14E+00	2.72E-02	8.91E-05	2.48E-04	3.77E-05	2.82E-01	3.45E-02	4.56E-02	2.72E-06	6.60E-05	2.67E-03	6.19E-04	8.00E-04	3.93E-03	1.40E-02
2046-07-01	20	6.48E-03	2.26E+01	4.17E-02	1.52E-03	1.12E+00	4.65E+00	2.71E-02	8.45E-05	2.25E-04	3.55E-05	2.53E-01	3.13E-02	4.56E-02	2.57E-06	5.98E-05	2.66E-03	5.58E-04	7.39E-04	3.69E-03	1.30E-02
2046-08-01	20	6.01E-03	2.12E+01	4.09E-02	1.40E-03	1.05E+00	4.31E+00	2.69E-02	8.14E-05	2.10E-04	3.40E-05	2.34E-01	2.92E-02	4.56E-02	2.48E-06	5.56E-05	2.64E-03	5.17E-04	6.99E-04	3.53E-03	1.24E-02
2046-09-01	20	7.38E-03	2.56E+01	4.36E-02	1.79E-03	1.28E+00	5.33E+00	2.73E-02	8.90E-05	2.50E-04	3.67E-05	2.85E-01	3.70E-02	4.56E-02	2.73E-06	6.20E-05	2.67E-03	6.27E-04	8.08E-04	4.04E-03	1.47E-02
2046-10-01	20	7.95E-03	2.71E+01	4.45E-02	1.90E-03	1.37E+00	5.72E+00	2.74E-02	9.32E-05	2.72E-04	3.80E-05	3.13E-01	3.93E-02	4.56E-02	2.87E-06	6.49E-05	2.68E-03	6.87E-04	8.68E-04	4.20E-03	1.54E-02
2046-11-01	20	8.19E-03	2.83E+01	4.53E-02	2.04E-03	1.44E+00	5.95E+00	2.76E-02	9.32E-05	2.73E-04	3.78E-05	3.15E-01	4.23E-02	4.56E-02	2.88E-06	6.41E-05	2.68E-03	6.90E-04	8.71E-04	4.35E-03	1.62E-02
2046-12-01	20	8.06E-03	2.83E+01	4.52E-02	2.07E-03	1.44E+00	5.90E+00	2.76E-02	9.14E-05	2.64E-04	3.70E-05	3.03E-01	4.29E-02	4.56E-02	2.82E-06	6.18E-05	2.67E-03	6.65E-04	8.46E-04	4.35E-03	1.64E-02
2047-01-01	21	7.99E-03	2.81E+01	4.51E-02	2.05E-03	1.43E+00	5.85E+00	2.76E-02	9.10E-05	2.62E-04	3.68E-05	3.01E-01	4.26E-02	4.56E-02	2.81E-06	6.13E-05	2.67E-03	6.59E-04	8.41E-04	4.32E-03	1.63E-02
2047-02-01	21	7.98E-03	2.80E+01	4.51E-02	2.05E-03	1.43E+00	5.85E+00	2.76E-02	9.09E-05	2.62E-04	3.68E-05	3.00E-01	4.25E-02	4.56E-02	2.80E-06	6.13E-05	2.67E-03	6.59E-04	8.40E-04	4.32E-03	1.63E-02
2047-03-01	21	7.97E-03	2.80E+01	4.51E-02	2.04E-03	1.43E+00	5.84E+00	2.76E-02	9.08E-05	2.61E-04	3.67E-05	3.00E-01	4.24E-02	4.56E-02	2.80E-06	6.12E-05	2.67E-03	6.58E-04	8.39E-04		

TMF NW Pond - 30ppm TSS

Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2049-07-01	23	6.21E-03	2.13E+01	4.17E-02	1.51E-03	1.19E+00	4.48E+00	2.71E-02	8.33E-05	2.25E-04	3.31E-05	2.54E-01	3.42E-02	4.56E-02	2.57E-06	5.10E-05	2.65E-03	5.58E-04	7.40E-04	3.67E-03	1.36E-02
2049-08-01	23	5.76E-03	2.00E+01	4.08E-02	1.40E-03	1.12E+00	4.16E+00	2.69E-02	8.03E-05	2.10E-04	3.18E-05	2.35E-01	3.18E-02	4.56E-02	2.48E-06	4.75E-05	2.64E-03	5.17E-04	7.00E-04	3.51E-03	1.29E-02
2049-09-01	23	7.02E-03	2.41E+01	4.35E-02	1.78E-03	1.37E+00	5.11E+00	2.73E-02	8.81E-05	2.49E-04	3.52E-05	2.84E-01	4.03E-02	4.56E-02	2.72E-06	5.66E-05	2.66E-03	6.24E-04	8.06E-04	4.02E-03	1.54E-02
2049-10-01	23	7.57E-03	2.55E+01	4.45E-02	1.89E-03	1.45E+00	5.49E+00	2.74E-02	9.26E-05	2.72E-04	3.72E-05	3.13E-01	4.29E-02	4.56E-02	2.87E-06	6.18E-05	2.68E-03	6.86E-04	8.67E-04	4.19E-03	1.61E-02
2049-11-01	23	7.79E-03	2.66E+01	4.52E-02	2.03E-03	1.54E+00	5.71E+00	2.76E-02	9.29E-05	2.73E-04	3.73E-05	3.15E-01	4.62E-02	4.56E-02	2.87E-06	6.21E-05	2.68E-03	6.89E-04	8.70E-04	4.34E-03	1.70E-02
2049-12-01	23	7.65E-03	2.65E+01	4.52E-02	2.06E-03	1.54E+00	5.66E+00	2.76E-02	9.10E-05	2.64E-04	3.65E-05	3.03E-01	4.68E-02	4.56E-02	2.82E-06	6.00E-05	2.67E-03	6.64E-04	8.45E-04	4.34E-03	1.72E-02
2050-01-01	24	7.59E-03	2.63E+01	4.51E-02	2.05E-03	1.53E+00	5.61E+00	2.76E-02	9.06E-05	2.62E-04	3.63E-05	3.00E-01	4.65E-02	4.56E-02	2.80E-06	5.95E-05	2.67E-03	6.58E-04	8.40E-04	4.32E-03	1.71E-02
2050-02-01	24	7.58E-03	2.63E+01	4.51E-02	2.04E-03	1.53E+00	5.61E+00	2.76E-02	9.06E-05	2.61E-04	3.63E-05	3.00E-01	4.64E-02	4.56E-02	2.80E-06	5.95E-05	2.67E-03	6.58E-04	8.39E-04	4.31E-03	1.71E-02
2050-03-01	24	7.57E-03	2.62E+01	4.50E-02	2.04E-03	1.53E+00	5.60E+00	2.76E-02	9.05E-05	2.61E-04	3.62E-05	3.00E-01	4.63E-02	4.56E-02	2.80E-06	5.94E-05	2.67E-03	6.57E-04	8.38E-04	4.31E-03	1.71E-02
2050-04-01	24	7.49E-03	2.60E+01	4.49E-02	2.02E-03	1.51E+00	5.54E+00	2.76E-02	9.00E-05	2.59E-04	3.60E-05	2.96E-01	4.59E-02	4.56E-02	2.78E-06	5.88E-05	2.67E-03	6.50E-04	8.32E-04	4.28E-03	1.69E-02
2050-05-01	24	7.79E-03	2.59E+01	4.49E-02	1.94E-03	1.51E+00	5.63E+00	2.75E-02	9.48E-05	2.83E-04	3.81E-05	3.27E-01	4.45E-02	4.56E-02	2.94E-06	6.44E-05	2.68E-03	7.16E-04	8.97E-04	4.27E-03	1.65E-02
2050-06-01	24	6.75E-03	2.28E+01	4.29E-02	1.67E-03	1.33E+00	4.89E+00	2.72E-02	8.77E-05	2.47E-04	3.50E-05	2.82E-01	3.87E-02	4.56E-02	2.71E-06	5.61E-05	2.66E-03	6.18E-04	8.00E-04	3.90E-03	1.49E-02
2050-07-01	24	6.10E-03	2.09E+01	4.17E-02	1.51E-03	1.21E+00	4.42E+00	2.70E-02	8.32E-05	2.25E-04	3.31E-05	2.54E-01	3.51E-02	4.56E-02	2.57E-06	5.09E-05	2.65E-03	5.57E-04	7.39E-04	3.66E-03	1.38E-02
2050-08-01	24	5.66E-03	1.96E+01	4.08E-02	1.40E-03	1.14E+00	4.10E+00	2.69E-02	8.02E-05	2.10E-04	3.17E-05	2.35E-01	3.27E-02	4.56E-02	2.48E-06	4.75E-05	2.64E-03	5.16E-04	6.99E-04	3.51E-03	1.31E-02
2050-09-01	24	6.91E-03	2.35E+01	4.35E-02	1.78E-03	1.39E+00	5.05E+00	2.73E-02	8.81E-05	2.49E-04	3.52E-05	2.85E-01	4.15E-02	4.56E-02	2.73E-06	5.66E-05	2.66E-03	6.24E-04	8.06E-04	4.01E-03	1.56E-02
2050-10-01	24	7.45E-03	2.49E+01	4.45E-02	1.89E-03	1.48E+00	5.42E+00	2.74E-02	9.26E-05	2.72E-04	3.72E-05	3.13E-01	4.41E-02	4.56E-02	2.87E-06	6.18E-05	2.68E-03	6.86E-04	8.67E-04	4.19E-03	1.64E-02
2050-11-01	24	7.66E-03	2.60E+01	4.52E-02	2.03E-03	1.57E+00	5.63E+00	2.76E-02	9.29E-05	2.73E-04	3.73E-05	3.15E-01	4.75E-02	4.56E-02	2.87E-06	6.21E-05	2.68E-03	6.89E-04	8.70E-04	4.34E-03	1.73E-02
2050-12-01	24	7.52E-03	2.59E+01	4.52E-02	2.06E-03	1.57E+00	5.58E+00	2.76E-02	9.10E-05	2.64E-04	3.65E-05	3.03E-01	4.81E-02	4.56E-02	2.82E-06	6.00E-05	2.67E-03	6.64E-04	8.45E-04	4.34E-03	1.75E-02
2051-01-01	25	7.46E-03	2.57E+01	4.51E-02	2.05E-03	1.56E+00	5.54E+00	2.76E-02	9.06E-05	2.62E-04	3.63E-05	3.00E-01	4.78E-02	4.56E-02	2.80E-06	5.95E-05	2.67E-03	6.58E-04	8.40E-04	4.32E-03	1.74E-02
2051-02-01	25	7.45E-03	2.57E+01	4.51E-02	2.04E-03	1.56E+00	5.53E+00	2.76E-02	9.06E-05	2.61E-04	3.63E-05	3.00E-01	4.77E-02	4.56E-02	2.80E-06	5.95E-05	2.67E-03	6.58E-04	8.39E-04	4.31E-03	1.73E-02
2051-03-01	25	7.44E-03	2.56E+01	4.50E-02	2.04E-03	1.56E+00	5.52E+00	2.76E-02	9.05E-05	2.61E-04	3.62E-05	3.00E-01	4.76E-02	4.56E-02	2.80E-06	5.94E-05	2.67E-03	6.57E-04	8.38E-04	4.31E-03	1.73E-02
2051-04-01	25	7.36E-03	2.54E+01	4.49E-02	2.02E-03	1.54E+00	5.47E+00	2.76E-02	9.00E-05	2.59E-04	3.60E-05	2.96E-01	4.72E-02	4.56E-02	2.78E-06	5.88E-05	2.67E-03	6.50E-04	8.32E-04	4.28E-03	1.72E-02
2051-05-01	25	7.66E-03	2.54E+01	4.49E-02	1.94E-03	1.54E+00	5.56E+00	2.75E-02	9.48E-05	2.83E-04	3.81E-05	3.27E-01	4.57E-02	4.56E-02	2.94E-06	6.43E-05	2.68E-03	7.16E-04	8.97E-04	4.27E-03	1.68E-02
2051-06-01	25	6.65E-03	2.24E+01	4.29E-02	1.67E-03	1.35E+00	4.82E+00	2.72E-02	8.77E-05	2.47E-04	3.50E-05	2.82E-01	3.98E-02	4.56E-02	2.71E-06	5.61E-05	2.66E-03	6.18E-04	8.00E-04	3.90E-03	1.51E-02
2051-07-01	25	6.00E-03	2.04E+01	4.17E-02	1.51E-03	1.23E+00	4.35E+00	2.70E-02	8.32E-05	2.25E-04	3.31E-05	2.54E-01	3.60E-02	4.56E-02	2.57E-06	5.09E-05	2.65E-03	5.57E-04	7.39E-04	3.66E-03	1.40E-02
2051-08-01	25	5.57E-03	1.92E+01	4.08E-02	1.40E-03	1.16E+00	4.04E+00	2.69E-02	8.02E-05	2.10E-04	3.17E-05	2.35E-01	3.35E-02	4.56E-02	2.48E-06	4.74E-05	2.64E-03	5.16E-04	6.99E-04	3.51E-03	1.32E-02
2051-09-01	25	6.82E-03	2.31E+01	4.36E-02	1.79E-03	1.43E+00	5.00E+00	2.73E-02	8.84E-05	2.50E-04	3.53E-05	2.86E-01	4.27E-02	4.56E-02	2.73E-06	5.68E-05	2.66E-03	6.27E-04	8.09E-04	4.02E-03	1.59E-02
2051-10-01	25	7.34E-03	2.44E+01	4.45E-02	1.89E-03	1.52E+00	5.35E+00	2.74E-02	9.28E-05	2.72E-04	3.72E-05	3.14E-01	4.54E-02	4.56E-02	2.87E-06	6.19E-05	2.68E-03	6.87E-04	8.69E-04	4.20E-03	1.66E-02
2051-11-01	25	7.54E-03	2.54E+01	4.53E-02	2.04E-03	1.60E+00	5.56E+00	2.76E-02	9.30E-05	2.73E-04	3.73E-05	3.15E-01	4.88E-02	4.56E-02	2.88E-06	6.22E-05	2.68E-03	6.90E-04	8.72E-04	4.34E-03	1.76E-02
2051-12-01	25	7.39E-03	2.53E+01	4.52E-02	2.06E-03	1.61E+00	5.51E+00	2.76E-02	9.11E-05	2.64E-04	3.65E-05	3.03E-01	4.95E-02	4.56E-02	2.82E-06	6.00E-05	2.67E-03	6.65E-04	8.46E-04	4.34E-03	1.77E-02
2052-01-01	26	7.34E-03	2.51E+01	4.51E-02	2.05E-03	1.60E+00	5.46E+00	2.76E-02	9.07E-05	2.62E-04	3.63E-05	3.01E-01	4.91E-02	4.56E-02	2.81E-06	5.96E-05	2.67E-03	6.59E-04	8.41E-04	4.32E-03	1.76E-02
2052-02-01	26	7.33E-03	2.51E+01	4.51E-02	2.04E-03	1.59E+00	5.46E+00	2.76E-02	9.07E-05	2.62E-04	3.63E-05	3.00E-01	4.91E-02	4.56E-02	2.80E-06	5.95E-05	2.67E-03	6.59E-04	8.40E-04	4.32E-03	1.76E-02
2052-03-01	26	7.32E-03	2.51E+01	4.51E-02	2.04E-03	1.59E+00	5.45E+00	2.76E-02	9.06E-05	2.61E-04	3.63E-05	3.00E-01	4.90E-02	4.56E-02	2.80E-06	5.94E-05	2.67E-03	6.58E-04	8.39E-04	4.31E-03	1.76E-02
2052-04-01	26	7.24E-03	2.48E+01	4.49E-02	2.02E-03	1.58E+00	5.39E+00	2.76E-02	9.01E-05	2.59E-04	3.61E-05	2.97E-01	4.85E-02	4.56E-02	2.79E-06	5.88E-05	2.67E-03	6.51E-04	8.33E-04	4.28E-03	1.75E-02
2052-05-01	26	7.54E-03	2.48E+01	4.50E-02	1.94E-03	1.57E+00	5.48E+00	2.75E-02	9.49E-05	2.83E-04	3.81E-05	3.27E-01	4.70E-02	4.56E-02	2.94E-06	6.43E-05	2.68E-03	7.16E-04	8.97E-04	4.27E-03	1.70E-02
2052-06-01	26	6.54E-03	2.19E+01	4.29E-02	1.67E-03	1.38E+00	4.76E+00	2.72E-02	8.78E-05	2.47E-04	3.50E-05	2.82E-01	4.09E-02	4.56E-02	2.71E-06	5.61E-05	2.66E-03	6.19E-04	8.01E-04	3.90E-03	1.53E-02
2052-07-01	26	5.91E-03	2.00E+01	4.17E-02	1.51E-03	1.26E+00	4.30E+00	2.70E-02	8.32E-05	2.25E-04	3.31E-05	2.54E-01	3.70E-02	4.56E-02	2.57E-06	5.09E-05	2.65E-03	5.57E-04	7.40E-04	3.67E-03	1.42E-02
2052-08-01	26	5.49E-03	1.88E+01	4.08E-02	1.40E-03	1.18E+00	3.99E+00	2.69E-02	8.02E-05	2.10E-04	3.18E-05	2.35E-01	3.44E-02	4.56E-02	2.48E-06	4.74E-05	2.64E-03	5.16E-04	6.99E-04	3.51E-03	1.34E-02
2052-09-01	26	6.75E-03	2.27E+01	4.37E-02	1.80E-03	1.46E+00	4.96E+00	2.73E-02	8.87E-05	2.52E-04	3.55E-05	2.88E-01	4.41E-02	4.56E-02	2.74E-06	5.72E-05	2.66E-03	6.32E-04	8.14E-04	4.04E-03	1.62E-02
2052-10-01	26	7.25E-03	2.40E+01	4.46E-02	1.90E-03	1.55E+00	5.30E+00	2.75E-02	9.30E-05	2.73E-04	3.73E-05	3.15E-01	4.67E-02	4.56E-02	2.88E-06	6.21E-05	2.68E-03	6.90E-04	8.72E-04	4.21E-03	1.69E-02
2052-11-01	26	7.42E-03	2.49E+01	4.53E-02	2.04E-03	1.64E+00	5.49E+00	2.76E-02	9.31E-05	2.74E-04	3.74E-05	3.16E-01	5.02E-02	4.56E-02	2.88E-06	6.23E-05	2.68E-03	6.92E-04	8.74E-04	4.35E-03	1.79E-02
2052-12-01	26	7.28E-03	2.47E+01	4.52E-02	2.07E-03	1.64E+00	5.44E+00	2.76E-02	9.13E-05	2.65E-04	3.66E-05	3.04E-01	5.09E-02	4.56E-02	2.82E-06	6.01E-05	2.67E-03	6.67E-04	8.48E-0		

TMF NE Pond - 10ppm TSS																						
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L
TMF NE Pond Statistics (Year 1 to Year 18)																						
Minimum		3.29	0.174	0.0863	0.00243	0.208	0.0135	0.000709	0.0000926	0.000000624	0.457627	5.00591E-06	0.0002878	0.001272	2.4027E-06	0.002376	0.000001399	0.99	0.00000144	0.0007417	0.00869348	0.000835
P10		92	5.553	2.2	0.0682	5.703	0.444	0.0249	0.00255	0.000005546	0.48146	5.1933E-06	0.0058768	0.008679	0.000005026	0.060386	0.000009201	14.941	0.000022677	0.0011166	0.0088253	0.003445
Median		105	6.38	2.46	0.0786	6.34	0.491	0.1065	0.00315	0.0000097	0.4838	0.0000453	0.0070068	0.009485	0.00627232	0.073486	0.000071857	18.341	0.000027247	0.0011475	0.0088985	0.003995
P90		116	6.987	2.93	0.08778	7.23	0.619	0.1237	0.004047	0.000010253	0.4902	0.00005238	0.0085768	0.01048	0.00823632	0.094006	0.000084897	20.241	0.000029747	0.0011767	0.009094	0.004515
Maximum		130	7.2	3.33	0.094	8.09	0.636	0.127	0.00418	0.00001044	0.4907	0.0000535	0.0097268	0.01097	0.01020232	0.096886	0.000099957	21.741	0.000031447	0.001229	0.009122	0.004965
Monthly Results																						
2027-02-01	1	3.29	0.17	0.0863	0.00243	0.208	0.0136	0.00307	9.26E-05	7.42E-07	4.58E-01	6.18E-06	2.88E-04	1.27E-03	2.65E-04	2.38E-03	3.81E-06	9.90E-01	1.44E-06	7.42E-04	8.69E-03	8.35E-04
2027-03-01	1	8.51	0.45	0.223	0.00628	0.539	0.035	0.00794	0.000239	1.13E-06	4.59E-01	8.06E-06	6.85E-04	1.69E-03	6.81E-04	5.84E-03	7.85E-06	1.86E+00	2.70E-06	7.62E-04	8.70E-03	1.01E-03
2027-04-01	1	31.3	1.65	0.82	0.0231	1.98	0.129	0.0292	0.00088	2.80E-06	4.63E-01	1.62E-05	2.42E-03	3.50E-03	2.50E-03	2.10E-02	2.55E-05	5.65E+00	8.19E-06	8.50E-04	8.72E-03	1.77E-03
2027-05-01	1	73.2	4.90	1.9	0.0547	4.99	0.351	0.0782	0.00207	7.87E-06	4.84E-01	3.45E-05	5.66E-03	7.97E-03	5.76E-03	4.93E-02	6.25E-05	1.44E+01	2.33E-05	1.05E-03	9.05E-03	3.40E-03
2027-06-01	1	112	6.15	2.93	0.0828	7.18	0.473	0.107	0.00315	9.20E-06	4.81E-01	4.60E-05	8.58E-03	1.02E-02	8.92E-03	7.47E-02	8.87E-05	1.95E+01	2.88E-05	1.17E-03	8.87E-03	4.51E-03
2027-07-01	1	122	6.50	3.19	0.0898	7.73	0.505	0.114	0.00342	9.62E-06	4.81E-01	4.89E-05	9.30E-03	1.08E-02	9.70E-03	8.10E-02	9.59E-05	2.08E+01	3.03E-05	1.20E-03	8.84E-03	4.80E-03
2027-08-01	1	96.2	6.17	2.5	0.0717	6.49	0.447	0.101	0.00272	9.80E-06	4.90E-01	4.32E-05	7.42E-03	9.75E-03	7.59E-03	6.44E-02	8.10E-05	1.83E+01	2.95E-05	1.14E-03	9.10E-03	4.20E-03
2027-09-01	1	96	6.34	2.49	0.0717	6.49	0.454	0.101	0.00271	9.82E-06	4.91E-01	4.31E-05	7.39E-03	1.00E-02	7.56E-03	6.46E-02	8.08E-05	1.85E+01	2.95E-05	1.14E-03	9.11E-03	4.19E-03
2027-10-01	1	92	6.25	2.39	0.0688	6.26	0.442	0.0979	0.0026	9.65E-06	4.91E-01	4.19E-05	7.09E-03	9.79E-03	7.23E-03	6.20E-02	7.79E-05	1.80E+01	2.89E-05	1.13E-03	9.12E-03	4.08E-03
2027-11-01	1	94	6.42	2.44	0.0703	6.35	0.451	0.0992	0.00265	9.66E-06	4.90E-01	4.23E-05	7.22E-03	1.01E-02	7.38E-03	6.34E-02	7.90E-05	1.83E+01	2.90E-05	1.13E-03	9.11E-03	4.12E-03
2027-12-01	1	101	6.54	2.64	0.0756	6.71	0.469	0.103	0.00285	9.59E-06	4.88E-01	4.40E-05	7.77E-03	1.04E-02	7.99E-03	6.83E-02	8.34E-05	1.91E+01	2.92E-05	1.15E-03	9.03E-03	4.29E-03
2028-01-01	1	104	6.55	2.71	0.0774	6.85	0.474	0.105	0.00293	9.61E-06	4.87E-01	4.46E-05	7.97E-03	1.05E-02	8.22E-03	7.00E-02	8.50E-05	1.93E+01	2.94E-05	1.16E-03	9.01E-03	4.36E-03
2028-02-01	2	105	6.56	2.73	0.0779	6.88	0.476	0.105	0.00294	9.62E-06	4.87E-01	4.48E-05	8.02E-03	1.05E-02	8.27E-03	7.03E-02	8.54E-05	1.94E+01	2.94E-05	1.16E-03	9.00E-03	4.38E-03
2028-03-01	2	106	6.57	2.75	0.0786	6.94	0.478	0.106	0.00297	9.64E-06	4.86E-01	4.51E-05	8.09E-03	1.05E-02	8.35E-03	7.10E-02	8.61E-05	1.95E+01	2.95E-05	1.16E-03	8.99E-03	4.40E-03
2028-04-01	2	110	6.61	2.87	0.0817	7.16	0.488	0.109	0.00309	9.70E-06	4.86E-01	4.62E-05	8.42E-03	1.06E-02	8.71E-03	7.35E-02	8.89E-05	1.99E+01	2.99E-05	1.17E-03	8.96E-03	4.52E-03
2028-05-01	2	91.7	6.18	2.37	0.0682	6.2	0.434	0.0967	0.00256	9.45E-06	4.89E-01	4.15E-05	7.03E-03	9.50E-03	7.18E-03	6.09E-02	7.69E-05	1.78E+01	2.82E-05	1.12E-03	9.09E-03	4.03E-03
2028-06-01	2	117	6.44	3.04	0.0859	7.45	0.491	0.111	0.00325	9.56E-06	4.83E-01	4.76E-05	8.89E-03	1.05E-02	9.24E-03	7.65E-02	9.24E-05	2.02E+01	2.99E-05	1.19E-03	8.88E-03	4.66E-03
2028-07-01	2	124	6.61	3.22	0.0909	7.83	0.511	0.116	0.00344	9.74E-06	4.82E-01	4.95E-05	9.41E-03	1.08E-02	9.81E-03	8.10E-02	9.71E-05	2.11E+01	3.07E-05	1.21E-03	8.85E-03	4.85E-03
2028-08-01	2	97.2	6.33	2.52	0.0722	6.55	0.451	0.102	0.00272	9.85E-06	4.90E-01	4.35E-05	7.45E-03	9.67E-03	7.63E-03	6.41E-02	8.12E-05	1.85E+01	2.95E-05	1.15E-03	9.10E-03	4.21E-03
2028-09-01	2	97	6.54	2.51	0.0721	6.54	0.457	0.102	0.0027	9.85E-06	4.91E-01	4.34E-05	7.42E-03	9.90E-03	7.59E-03	6.42E-02	8.10E-05	1.87E+01	2.95E-05	1.14E-03	9.10E-03	4.20E-03
2028-10-01	2	92.9	6.46	2.4	0.0691	6.3	0.444	0.0985	0.00259	9.67E-06	4.91E-01	4.21E-05	7.10E-03	9.67E-03	7.25E-03	6.15E-02	7.80E-05	1.81E+01	2.88E-05	1.13E-03	9.12E-03	4.08E-03
2028-11-01	2	94.5	6.64	2.44	0.0704	6.37	0.452	0.0995	0.00263	9.66E-06	4.90E-01	4.25E-05	7.21E-03	9.90E-03	7.37E-03	6.27E-02	7.88E-05	1.84E+01	2.88E-05	1.13E-03	9.10E-03	4.11E-03
2028-12-01	2	102	6.73	2.64	0.0756	6.72	0.469	0.103	0.00283	9.59E-06	4.87E-01	4.40E-05	7.75E-03	1.03E-02	7.98E-03	6.75E-02	8.31E-05	1.91E+01	2.91E-05	1.15E-03	9.03E-03	4.28E-03
2029-01-01	2	105	6.72	2.71	0.0775	6.86	0.475	0.105	0.0029	9.61E-06	4.87E-01	4.47E-05	7.95E-03	1.03E-02	8.20E-03	6.91E-02	8.48E-05	1.94E+01	2.93E-05	1.16E-03	9.00E-03	4.35E-03
2029-02-01	3	105	6.72	2.72	0.0779	6.89	0.476	0.105	0.00292	9.62E-06	4.87E-											

TMF NE Pond - 10ppm TSS																						
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2032-01-01	5	100	7.14	2.54	0.0738	6.78	0.47	0.106	0.0027	9.52E-06	4.85E-01	4.51E-05	7.44E-03	9.78E-03	7.68E-03	6.35E-02	7.91E-05	1.97E+01	2.71E-05	1.13E-03	8.97E-03	4.10E-03
2032-02-01	6	101	7.08	2.55	0.0744	6.76	0.476	0.107	0.00276	9.55E-06	4.85E-01	4.54E-05	7.42E-03	9.78E-03	7.65E-03	6.49E-02	7.91E-05	1.95E+01	2.70E-05	1.13E-03	8.96E-03	4.09E-03
2032-03-01	6	102	6.99	2.55	0.0754	6.73	0.486	0.108	0.00286	9.59E-06	4.85E-01	4.59E-05	7.39E-03	9.77E-03	7.61E-03	6.72E-02	7.91E-05	1.93E+01	2.68E-05	1.14E-03	8.95E-03	4.07E-03
2032-04-01	6	106	6.61	2.56	0.0794	6.57	0.526	0.113	0.00325	9.74E-06	4.84E-01	4.79E-05	7.25E-03	9.72E-03	7.44E-03	7.63E-02	7.89E-05	1.82E+01	2.61E-05	1.15E-03	8.91E-03	4.00E-03
2032-05-01	6	97.5	5.72	2.2	0.0757	5.7	0.55	0.113	0.00348	9.69E-06	4.83E-01	4.81E-05	5.96E-03	8.78E-03	6.02E-03	8.17E-02	6.85E-05	1.55E+01	2.26E-05	1.12E-03	8.89E-03	3.47E-03
2032-06-01	6	109	5.46	2.44	0.0848	5.9	0.601	0.12	0.00403	9.83E-06	4.80E-01	5.09E-05	6.49E-03	9.19E-03	6.58E-03	9.45E-02	7.42E-05	1.50E+01	2.31E-05	1.15E-03	8.81E-03	3.65E-03
2032-07-01	6	97	5.51	2.15	0.076	5.64	0.567	0.116	0.00361	1.01E-05	4.84E-01	4.95E-05	5.75E-03	8.63E-03	5.77E-03	8.42E-02	6.75E-05	1.52E+01	2.25E-05	1.12E-03	8.91E-03	3.41E-03
2032-08-01	6	95.8	5.55	2.12	0.0752	5.6	0.564	0.116	0.00357	1.00E-05	4.84E-01	4.93E-05	5.67E-03	8.59E-03	5.69E-03	8.33E-02	6.67E-05	1.52E+01	2.24E-05	1.11E-03	8.91E-03	3.37E-03
2032-09-01	6	99.7	5.61	2.21	0.0781	5.71	0.579	0.118	0.00371	1.01E-05	4.84E-01	5.01E-05	5.89E-03	8.80E-03	5.92E-03	8.68E-02	6.89E-05	1.53E+01	2.27E-05	1.12E-03	8.89E-03	3.46E-03
2032-10-01	6	101	5.64	2.22	0.0786	5.72	0.582	0.118	0.00374	1.01E-05	4.84E-01	5.01E-05	5.93E-03	8.85E-03	5.96E-03	8.75E-02	6.92E-05	1.53E+01	2.27E-05	1.13E-03	8.88E-03	3.47E-03
2032-11-01	6	103	5.63	2.28	0.0806	5.79	0.591	0.119	0.00384	1.01E-05	4.83E-01	5.06E-05	6.09E-03	8.98E-03	6.13E-03	8.99E-02	7.07E-05	1.53E+01	2.29E-05	1.13E-03	8.86E-03	3.52E-03
2032-12-01	6	105	5.62	2.33	0.0823	5.85	0.598	0.12	0.00392	1.01E-05	4.83E-01	5.11E-05	6.22E-03	9.08E-03	6.27E-03	9.19E-02	7.20E-05	1.53E+01	2.31E-05	1.14E-03	8.85E-03	3.57E-03
2033-01-01	6	107	5.68	2.38	0.0837	5.93	0.607	0.122	0.00399	1.02E-05	4.83E-01	5.17E-05	6.32E-03	9.20E-03	6.38E-03	9.35E-02	7.32E-05	1.55E+01	2.34E-05	1.15E-03	8.85E-03	3.61E-03
2033-02-01	7	109	5.77	2.42	0.0852	6.03	0.618	0.124	0.00406	1.03E-05	4.83E-01	5.25E-05	6.44E-03	9.33E-03	6.50E-03	9.52E-02	7.44E-05	1.57E+01	2.38E-05	1.16E-03	8.85E-03	3.66E-03
2033-03-01	7	110	5.75	2.43	0.0855	6.04	0.619	0.124	0.00408	1.03E-05	4.83E-01	5.26E-05	6.47E-03	9.35E-03	6.53E-03	9.55E-02	7.47E-05	1.57E+01	2.38E-05	1.16E-03	8.85E-03	3.67E-03
2033-04-01	7	112	5.70	2.47	0.0869	6.07	0.624	0.125	0.00414	1.03E-05	4.82E-01	5.28E-05	6.57E-03	9.40E-03	6.65E-03	9.69E-02	7.57E-05	1.56E+01	2.38E-05	1.16E-03	8.83E-03	3.71E-03
2033-05-01	7	99.2	5.60	2.18	0.0772	5.59	0.571	0.115	0.00366	9.80E-06	4.83E-01	4.91E-05	5.81E-03	8.67E-03	5.85E-03	8.55E-02	6.78E-05	1.49E+01	2.21E-05	1.12E-03	8.87E-03	3.41E-03
2033-06-01	7	110	5.43	2.43	0.0852	5.88	0.606	0.12	0.00406	9.85E-06	4.80E-01	5.12E-05	6.46E-03	9.13E-03	6.54E-03	9.48E-02	7.40E-05	1.49E+01	2.30E-05	1.15E-03	8.80E-03	3.64E-03
2033-07-01	7	97.7	5.56	2.14	0.0761	5.64	0.569	0.117	0.00361	1.01E-05	4.84E-01	4.96E-05	5.73E-03	8.57E-03	5.75E-03	8.39E-02	6.74E-05	1.52E+01	2.25E-05	1.12E-03	8.91E-03	3.40E-03
2033-08-01	7	96.5	5.62	2.12	0.0753	5.6	0.565	0.116	0.00356	1.00E-05	4.84E-01	4.93E-05	5.66E-03	8.53E-03	5.67E-03	8.29E-02	6.67E-05	1.52E+01	2.23E-05	1.11E-03	8.91E-03	3.37E-03
2033-09-01	7	100	5.67	2.2	0.0781	5.71	0.58	0.118	0.0037	1.01E-05	4.84E-01	5.01E-05	5.88E-03	8.74E-03	5.91E-03	8.62E-02	6.88E-05	1.53E+01	2.27E-05	1.13E-03	8.89E-03	3.45E-03
2033-10-01	7	101	5.71	2.22	0.0787	5.72	0.582	0.118	0.00372	1.01E-05	4.84E-01	5.02E-05	5.92E-03	8.79E-03	5.95E-03	8.69E-02	6.92E-05	1.53E+01	2.27E-05	1.13E-03	8.88E-03	3.46E-03
2033-11-01	7	104	5.69	2.28	0.0806	5.79	0.591	0.119	0.00382	1.01E-05	4.83E-01	5.06E-05	6.08E-03	8.91E-03	6.12E-03	8.92E-02	7.06E-05	1.52E+01	2.29E-05	1.14E-03	8.86E-03	3.52E-03
2033-12-01	7	106	5.67	2.33	0.0823	5.85	0.599	0.12	0.0039	1.01E-05	4.83E-01	5.11E-05	6.21E-03	9.02E-03	6.26E-03	9.11E-02	7.19E-05	1.53E+01	2.31E-05	1.14E-03	8.85E-03	3.56E-03
2034-01-01	7	108	5.73	2.37	0.0837	5.93	0.608	0.122	0.00397	1.02E-05	4.83E-01	5.18E-05	6.32E-03	9.14E-03	6.37E-03	9.27E-02	7.31E-05	1.54E+01	2.34E-05	1.15E-03	8.85E-03	3.61E-03
2034-02-01	8	110	5.82	2.42	0.0853	6.04	0.618	0.124	0.00404	1.04E-05	4.83E-01	5.25E-05	6.44E-03	9.28E-03	6.49E-03	9.44E-02	7.44E-05	1.57E+01	2.38E-05	1.16E-03	8.85E-03	3.66E-03
2034-03-01	8	111	5.80	2.43	0.0856	6.05	0.62	0.124	0.00406	1.03E-05	4.83E-01	5.26E-05	6.46E-03	9.29E-03	6.53E-03	9.48E-02	7.47E-05	1.57E+01	2.38E-05	1.16E-03	8.85E-03	3.67E-03
2034-04-01	8	113	5.74	2.47	0.0869	6.07	0.624	0.125	0.00412	1.03E-05	4.82E-01	5.28E-05	6.57E-03	9.34E-03	6.64E-03	9.60E-02	7.57E-05	1.56E+01	2.38E-05	1.16E-03	8.83E-03	3.71E-03
2034-05-01	8	99.9	5.67	2.18	0.0773	5.6																

TMF NE Pond - 10ppm TSS																						
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L
2037-07-01	11	115	5.50	2.5	0.0875	5.99	0.619	0.123	0.00409	9.97E-06	4.80E-01	5.21E-05	6.63E-03	9.12E-03	6.72E-03	9.42E-02	7.58E-05	1.50E+01	2.34E-05	1.17E-03	8.79E-03	3.70E-03
2037-08-01	11	105	5.79	2.29	0.0808	5.81	0.591	0.12	0.00376	1.00E-05	4.82E-01	5.08E-05	6.08E-03	8.72E-03	6.13E-03	8.65E-02	7.05E-05	1.50E+01	2.26E-05	1.14E-03	8.85E-03	3.51E-03
2037-09-01	11	107	5.87	2.33	0.0821	5.87	0.599	0.121	0.00382	1.01E-05	4.82E-01	5.12E-05	6.18E-03	8.83E-03	6.23E-03	8.79E-02	7.15E-05	1.51E+01	2.28E-05	1.15E-03	8.85E-03	3.55E-03
2037-10-01	11	106	5.95	2.29	0.0811	5.83	0.594	0.12	0.00377	1.00E-05	4.82E-01	5.09E-05	6.09E-03	8.77E-03	6.14E-03	8.68E-02	7.06E-05	1.51E+01	2.27E-05	1.14E-03	8.85E-03	3.51E-03
2037-11-01	11	107	5.93	2.33	0.0823	5.87	0.599	0.121	0.00382	1.00E-05	4.82E-01	5.11E-05	6.18E-03	8.84E-03	6.24E-03	8.81E-02	7.15E-05	1.51E+01	2.28E-05	1.15E-03	8.84E-03	3.55E-03
2037-12-01	11	110	5.87	2.38	0.0838	5.92	0.606	0.122	0.0039	1.01E-05	4.82E-01	5.16E-05	6.31E-03	8.94E-03	6.37E-03	8.99E-02	7.28E-05	1.51E+01	2.30E-05	1.15E-03	8.83E-03	3.59E-03
2038-01-01	11	113	6.00	2.46	0.0865	6.1	0.625	0.125	0.00403	1.03E-05	4.82E-01	5.29E-05	6.52E-03	9.18E-03	6.59E-03	9.28E-02	7.51E-05	1.55E+01	2.37E-05	1.17E-03	8.83E-03	3.69E-03
2038-02-01	12	113	5.99	2.46	0.0867	6.1	0.625	0.125	0.00403	1.03E-05	4.82E-01	5.30E-05	6.53E-03	9.19E-03	6.60E-03	9.30E-02	7.52E-05	1.55E+01	2.37E-05	1.17E-03	8.83E-03	3.69E-03
2038-03-01	12	114	5.96	2.47	0.087	6.11	0.626	0.125	0.00405	1.03E-05	4.82E-01	5.30E-05	6.56E-03	9.20E-03	6.63E-03	9.33E-02	7.54E-05	1.55E+01	2.37E-05	1.17E-03	8.83E-03	3.70E-03
2038-04-01	12	115	5.85	2.5	0.0879	6.12	0.629	0.125	0.00409	1.03E-05	4.82E-01	5.31E-05	6.64E-03	9.23E-03	6.72E-03	9.42E-02	7.62E-05	1.55E+01	2.38E-05	1.17E-03	8.81E-03	3.73E-03
2038-05-01	12	100	5.97	2.16	0.0769	5.62	0.57	0.116	0.00355	9.80E-06	4.82E-01	4.93E-05	5.75E-03	8.43E-03	5.78E-03	8.16E-02	6.70E-05	1.46E+01	2.18E-05	1.12E-03	8.87E-03	3.37E-03
2038-06-01	12	112	5.53	2.43	0.0851	5.88	0.606	0.12	0.00396	9.86E-06	4.80E-01	5.12E-05	6.44E-03	8.92E-03	6.52E-03	9.10E-02	7.38E-05	1.48E+01	2.29E-05	1.16E-03	8.80E-03	3.63E-03
2038-07-01	12	115	5.51	2.5	0.0875	5.99	0.618	0.123	0.00407	9.97E-06	4.80E-01	5.21E-05	6.63E-03	9.09E-03	6.72E-03	9.36E-02	7.58E-05	1.49E+01	2.34E-05	1.17E-03	8.79E-03	3.70E-03
2038-08-01	12	106	5.85	2.29	0.0808	5.82	0.591	0.12	0.00374	1.00E-05	4.82E-01	5.08E-05	6.08E-03	8.70E-03	6.13E-03	8.60E-02	7.04E-05	1.49E+01	2.26E-05	1.14E-03	8.85E-03	3.51E-03
2038-09-01	12	108	5.92	2.33	0.0822	5.87	0.599	0.121	0.0038	1.01E-05	4.82E-01	5.12E-05	6.18E-03	8.81E-03	6.23E-03	8.74E-02	7.15E-05	1.50E+01	2.28E-05	1.15E-03	8.85E-03	3.55E-03
2038-10-01	12	106	6.02	2.29	0.0812	5.84	0.595	0.12	0.00375	1.00E-05	4.82E-01	5.09E-05	6.09E-03	8.75E-03	6.14E-03	8.63E-02	7.06E-05	1.50E+01	2.27E-05	1.14E-03	8.85E-03	3.51E-03
2038-11-01	12	108	5.99	2.33	0.0823	5.87	0.6	0.121	0.00381	1.00E-05	4.82E-01	5.11E-05	6.18E-03	8.82E-03	6.24E-03	8.76E-02	7.15E-05	1.50E+01	2.28E-05	1.15E-03	8.84E-03	3.55E-03
2038-12-01	12	110	5.90	2.37	0.0836	5.91	0.605	0.121	0.00387	1.00E-05	4.82E-01	5.14E-05	6.29E-03	8.90E-03	6.36E-03	8.91E-02	7.26E-05	1.50E+01	2.30E-05	1.15E-03	8.83E-03	3.59E-03
2039-01-01	12	3.29	0.17	0.0863	0.00243	0.208	0.0135	0.000709	0.0000926	6.24E-07	4.58E-01	5.01E-06	2.88E-04	1.27E-03	2.40E-06	2.38E-03	1.40E-06	9.90E-01	1.44E-06	7.42E-04	8.69E-03	8.35E-04
2039-02-01	13	8.51	0.45	0.223	0.00628	0.539	0.035	0.00183	0.000239	8.21E-07	4.59E-01	5.02E-06	6.85E-04	1.69E-03	2.53E-06	5.84E-03	1.63E-06	1.86E+00	2.70E-06	7.62E-04	8.70E-03	1.01E-03
2039-03-01	13	31.3	1.65	0.82	0.0231	1.98	0.129	0.00674	0.00088	1.68E-06	4.63E-01	5.06E-06	2.42E-03	3.50E-03	3.11E-06	2.10E-02	2.61E-06	5.65E+00	8.19E-06	8.50E-04	8.72E-03	1.77E-03
2039-04-01	13	73.2	4.90	1.9	0.0547	4.99	0.351	0.0192	0.00207	4.92E-06	4.84E-01	5.15E-06	5.66E-03	7.97E-03	4.39E-06	4.93E-02	1.01E-05	1.44E+01	2.33E-05	1.05E-03	9.05E-03	3.40E-03
2039-05-01	13	112	6.15	2.93	0.0828	7.17	0.473	0.0249	0.00315	5.10E-06	4.81E-01	5.21E-06	8.58E-03	1.02E-02	5.19E-06	7.47E-02	7.38E-06	1.95E+01	2.87E-05	1.17E-03	8.87E-03	4.51E-03
2039-06-01	13	122	6.50	3.19	0.0898	7.73	0.505	0.0265	0.00342	5.22E-06	4.81E-01	5.22E-06	9.30E-03	1.08E-02	5.40E-06	8.10E-02	6.97E-06	2.08E+01	3.03E-05	1.20E-03	8.84E-03	4.80E-03
2039-07-01	13	96.2	6.17	2.5	0.0717	6.49	0.447	0.0243	0.00272	5.99E-06	4.90E-01	5.19E-06	7.42E-03	9.75E-03	4.99E-06	6.44E-02	1.18E-05	1.83E+01	2.95E-05	1.14E-03	9.10E-03	4.20E-03
2039-08-01	13	96	6.34	2.49	0.0717	6.49	0.454	0.0247	0.00271	6.01E-06	4.91E-01	5.19E-06	7.39E-03	1.00E-02	4.99E-06	6.46E-02	1.19E-05	1.85E+01	2.95E-05	1.14E-03	9.11E-03	4.19E-03
2039-09-01	13	92	6.25	2.39	0.0688	6.26	0.442	0.0241	0.0026	5.97E-06	4.91E-01	5.18E-06	7.08E-03	9.79E-03	4.90E-06	6.20E-02	1.21E-05	1.80E+01	2.89E-05	1.13E-03	9.12E-03	4.07E-03
2039-10-01	13	94	6.42	2.44	0.0703	6.35	0.451	0.0246	0.00265	5.92E-06	4.90E-01	5.19E-06	7.22E-03	1.00E-02	4.93E-06	6.34E-02	1.18E-05	1.83E+01	2.90E-05	1.13E-03	9.11E-03	4.12E-03
2039-11-01	13	101	6.54	2.64	0.0756	6.71	0.469	0.0253	<													

TMF NE Pond - 10ppm TSS																						
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2043-01-01	16	104	7.05	2.67	0.0769	6.89	0.476	0.0258	0.00284	5.62E-06	4.86E-01	5.20E-06	7.84E-03	1.01E-02	5.13E-06	6.72E-02	9.69E-06	1.96E+01	2.87E-05	1.15E-03	8.99E-03	4.29E-03
2043-02-01	17	106	7.04	2.7	0.0777	6.94	0.478	0.0259	0.00287	5.61E-06	4.86E-01	5.20E-06	7.92E-03	1.01E-02	5.15E-06	6.78E-02	9.57E-06	1.97E+01	2.88E-05	1.16E-03	8.98E-03	4.32E-03
2043-03-01	17	110	6.99	2.83	0.0809	7.17	0.488	0.0262	0.00299	5.56E-06	4.85E-01	5.21E-06	8.28E-03	1.03E-02	5.22E-06	7.04E-02	9.05E-06	2.01E+01	2.93E-05	1.17E-03	8.95E-03	4.45E-03
2043-04-01	17	88.7	6.43	2.26	0.0658	6.3	0.435	0.0247	0.00243	5.65E-06	4.87E-01	5.19E-06	6.65E-03	8.97E-03	4.99E-06	5.64E-02	1.04E-05	1.86E+01	2.58E-05	1.10E-03	9.03E-03	3.81E-03
2043-05-01	17	117	6.51	3	0.0849	7.45	0.491	0.0262	0.00315	5.29E-06	4.82E-01	5.21E-06	8.76E-03	1.02E-02	5.32E-06	7.31E-02	7.56E-06	2.04E+01	2.93E-05	1.19E-03	8.87E-03	4.59E-03
2043-06-01	17	125	6.63	3.2	0.0904	7.82	0.511	0.0269	0.00336	5.29E-06	4.82E-01	5.22E-06	9.35E-03	1.07E-02	5.44E-06	7.79E-02	7.06E-06	2.10E+01	3.05E-05	1.21E-03	8.84E-03	4.82E-03
2043-07-01	17	130	6.79	3.33	0.094	8.09	0.527	0.0277	0.00349	5.38E-06	4.82E-01	5.23E-06	9.73E-03	1.10E-02	5.54E-06	8.10E-02	6.98E-06	2.17E+01	3.14E-05	1.23E-03	8.84E-03	4.97E-03
2043-08-01	17	107	7.15	2.72	0.0786	7.23	0.492	0.0272	0.00289	5.82E-06	4.87E-01	5.21E-06	7.98E-03	1.01E-02	5.31E-06	6.74E-02	9.69E-06	2.07E+01	2.89E-05	1.16E-03	8.98E-03	4.34E-03
2043-09-01	17	90.8	6.77	2.3	0.0674	6.47	0.448	0.0255	0.00248	5.75E-06	4.88E-01	5.20E-06	6.78E-03	9.18E-03	5.07E-06	5.76E-02	1.05E-05	1.92E+01	2.63E-05	1.11E-03	9.04E-03	3.87E-03
2043-10-01	17	89.3	6.94	2.26	0.0664	6.36	0.446	0.0253	0.00243	5.67E-06	4.87E-01	5.19E-06	6.65E-03	9.19E-03	5.02E-06	5.69E-02	1.04E-05	1.90E+01	2.58E-05	1.10E-03	9.03E-03	3.81E-03
2043-11-01	17	96.6	7.20	2.45	0.0715	6.64	0.464	0.0259	0.00261	5.54E-06	4.86E-01	5.20E-06	7.18E-03	9.66E-03	5.09E-06	6.15E-02	9.57E-06	1.95E+01	2.66E-05	1.12E-03	8.99E-03	4.00E-03
2043-12-01	17	100	7.14	2.54	0.0738	6.78	0.47	0.026	0.0027	5.51E-06	4.85E-01	5.20E-06	7.44E-03	9.78E-03	5.13E-06	6.35E-02	9.26E-06	1.97E+01	2.71E-05	1.13E-03	8.97E-03	4.10E-03
2044-01-01	17	101	7.08	2.55	0.0744	6.76	0.476	0.0261	0.00276	5.50E-06	4.85E-01	5.20E-06	7.42E-03	9.77E-03	5.15E-06	6.49E-02	9.14E-06	1.95E+01	2.69E-05	1.13E-03	8.96E-03	4.09E-03

TMF NE Pond - 10ppm TSS																							
Date	Mine Year	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
TMF NE Pond Statistics (Year 1 to Year		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Minimum		0.577498	0.1358	0.00018057	2.318	0.01142	0.0002011	0.06539	0.2113	0.008639	0.0000374	0.0000189	0.00003657	0.0020713	0.003799	0.0152447	4.979E-07	0.00016851	0.001038	0.00003329	0.00007422	0.00103	0.002083
P10		0.59679	2.4678	0.00294577	36.838	0.0434	0.0051951	0.15879	3.9683	0.01252	0.0006269	0.0003815	0.00089717	0.0708713	0.070309	0.01625	0.000002767	0.00403451	0.005427	0.00090649	0.0003648	0.01402	0.02065
Median		0.6299	2.9198	0.00501177	42.438	0.05365	0.0057251	0.3294	4.9383	0.0131	0.0007078	0.0007527	0.00107517	0.2010613	0.086879	0.016425	0.000036637	0.00460651	0.006462	0.00128249	0.0006374	0.01562	0.02385
P90		0.718	3.4848	0.01006677	48.038	0.0581	0.0066551	0.7854	5.3583	0.013707	0.0008133	0.0008653	0.00123517	0.5410613	0.101879	0.01672	0.000045007	0.00566151	0.007687	0.00190249	0.0013649	0.01802	0.03095
Maximum		0.732	3.9148	0.01068677	50.038	0.0613	0.0075351	0.8574	5.6583	0.01391	0.0009083	0.0008862	0.00128517	0.5850613	0.113879	0.01693	0.000050537	0.00645151	0.008597	0.00198249	0.0014549	0.02022	3.21E-02
Monthly Results																							
2027-02-01	1	5.77E-01	1.36E-01	1.81E-04	2.32E+00	1.14E-02	2.01E-04	6.54E-02	2.12E-01	8.64E-03	3.74E-05	2.96E-05	3.66E-05	2.08E-03	3.80E-03	1.52E-02	1.73E-06	1.69E-04	1.04E-03	3.33E-05	7.42E-05	1.03E-03	2.08E-03
2027-03-01	1	5.78E-01	2.96E-01	3.30E-04	4.20E+00	1.35E-02	5.11E-04	6.85E-02	4.39E-01	8.86E-03	7.39E-05	6.35E-05	8.65E-05	5.27E-03	8.43E-03	1.53E-02	3.77E-06	4.33E-04	1.36E-03	8.20E-05	8.90E-05	1.84E-03	3.09E-03
2027-04-01	1	5.82E-01	9.95E-01	9.78E-04	1.24E+01	2.27E-02	1.87E-03	8.23E-02	1.43E+00	9.82E-03	2.33E-04	2.11E-04	3.04E-04	1.92E-02	2.86E-02	1.56E-02	1.27E-05	1.58E-03	2.75E-03	2.94E-04	1.54E-04	5.36E-03	7.47E-03
2027-05-01	1	7.04E-01	2.34E+00	8.79E-03	2.93E+01	4.65E-02	4.34E-03	7.05E-01	3.87E+00	1.17E-02	5.80E-04	5.65E-04	7.17E-04	4.83E-01	7.03E-02	1.62E-02	3.44E-05	3.66E-03	5.38E-03	1.62E-03	1.21E-03	1.27E-02	1.70E-02
2027-06-01	1	6.20E-01	3.48E+00	4.78E-03	4.19E+01	5.67E-02	6.66E-03	2.66E-01	5.09E+00	1.33E-02	8.11E-04	7.54E-04	1.08E-03	1.68E-01	1.01E-01	1.67E-02	4.55E-05	5.66E-03	7.69E-03	1.26E-03	5.95E-04	1.80E-02	2.34E-02
2027-07-01	1	6.05E-01	3.77E+00	4.09E-03	4.50E+01	5.95E-02	7.24E-03	1.85E-01	5.42E+00	1.36E-02	8.71E-04	8.05E-04	1.17E-03	1.10E-01	1.09E-01	1.69E-02	4.85E-05	6.15E-03	8.26E-03	1.21E-03	4.85E-04	1.94E-02	2.50E-02
2027-08-01	1	7.18E-01	3.05E+00	1.02E-02	3.77E+01	5.64E-02	5.70E-03	7.57E-01	4.88E+00	1.27E-02	7.49E-04	7.24E-04	9.39E-04	5.50E-01	9.02E-02	1.65E-02	4.41E-05	4.82E-03	6.79E-03	1.94E-03	1.38E-03	1.63E-02	2.13E-02
2027-09-01	1	7.25E-01	3.06E+00	1.04E-02	3.79E+01	5.67E-02	5.69E-03	8.13E-01	4.97E+00	1.27E-02	7.47E-04	7.24E-04	9.36E-04	5.59E-01	9.15E-02	1.65E-02	4.41E-05	4.80E-03	6.77E-03	1.96E-03	1.40E-03	1.63E-02	2.17E-02
2027-10-01	1	7.32E-01	2.94E+00	1.07E-02	3.66E+01	5.56E-02	5.45E-03	8.57E-01	4.86E+00	1.25E-02	7.22E-04	7.03E-04	8.98E-04	5.85E-01	8.84E-02	1.64E-02	4.28E-05	4.59E-03	6.53E-03	1.98E-03	1.45E-03	1.57E-02	2.11E-02
2027-11-01	1	7.28E-01	3.00E+00	1.04E-02	3.74E+01	5.60E-02	5.57E-03	8.49E-01	4.97E+00	1.26E-02	7.32E-04	7.10E-04	9.14E-04	5.57E-01	9.08E-02	1.65E-02	4.32E-05	4.69E-03	6.64E-03	1.94E-03	1.39E-03	1.60E-02	2.17E-02
2027-12-01	1	6.95E-01	3.21E+00	8.53E-03	3.95E+01	5.69E-02	6.02E-03	6.88E-01	5.14E+00	1.29E-02	7.67E-04	7.32E-04	9.81E-04	4.27E-01	9.66E-02	1.66E-02	4.45E-05	5.07E-03	7.06E-03	1.72E-03	1.13E-03	1.69E-02	2.28E-02
2028-01-01	1	6.85E-01	3.29E+00	8.00E-03	4.03E+01	5.73E-02	6.18E-03	6.28E-01	5.19E+00	1.30E-02	7.81E-04	7.42E-04	1.01E-03	3.89E-01	9.83E-02	1.66E-02	4.50E-05	5.21E-03	7.22E-03	1.66E-03	1.05E-03	1.72E-02	2.31E-02
2028-02-01	2	6.82E-01	3.30E+00	7.89E-03	4.05E+01	5.74E-02	6.22E-03	6.16E-01	5.20E+00	1.30E-02	7.84E-04	7.45E-04	1.02E-03	3.81E-01	9.87E-02	1.66E-02	4.52E-05	5.25E-03	7.26E-03	1.65E-03	1.04E-03	1.73E-02	2.32E-02
2028-03-01	2	6.79E-01	3.33E+00	7.72E-03	4.08E+01	5.76E-02	6.28E-03	5.96E-01	5.22E+00	1.31E-02	7.90E-04	7.49E-04	1.03E-03	3.68E-01	9.94E-02	1.66E-02	4.54E-05	5.30E-03	7.32E-03	1.63E-03	1.01E-03	1.74E-02	2.33E-02
2028-04-01	2	6.63E-01	3.45E+00	6.97E-03	4.21E+01	5.84E-02	6.54E-03	5.10E-01	5.30E+00	1.32E-02	8.13E-04	7.67E-04	1.07E-03	3.13E-01	1.02E-01	1.67E-02	4.64E-05	5.53E-03	7.58E-03	1.55E-03	9.03E-04	1.80E-02	2.39E-02
2028-05-01	2	7.19E-01	2.91E+00	1.00E-02	3.63E+01	5.45E-02	5.41E-03	7.86E-01	4.79E+00	1.25E-02	7.12E-04	6.94E-04	8.96E-04	5.41E-01	8.69E-02	1.64E-02	4.20E-05	4.56E-03	6.48E-03	1.88E-03	1.36E-03	1.55E-02	2.07E-02
2028-06-01	2	6.24E-01	3.61E+00	5.06E-03	4.36E+01	5.84E-02	6.90E-03	2.84E-01	5.30E+00	1.34E-02	8.41E-04	7.84E-04	1.13E-03	1.81E-01	1.05E-01	1.68E-02	4.72E-05	5.87E-03	7.94E-03	1.32E-03	6.28E-04	1.87E-02	2.42E-02
2028-07-01	2	6.06E-01	3.81E+00	4.19E-03	4.58E+01	6.01E-02	7.32E-03	1.91E-01	5.49E+00	1.37E-02	8.82E-04	8.15E-04	1.20E-03	1.14E-01	1.11E-01	1.69E-02	4.91E-05	6.23E-03	8.35E-03	1.23E-03	4.97E-04	1.96E-02	2.53E-02
2028-08-01	2	7.15E-01	3.06E+00	1.02E-02	3.80E+01	5.65E-02	5.73E-03	7.44E-01	4.94E+00	1.27E-02	7.51E-04	7.30E-04	9.52E-04	5.43E-01	9.04E-02								

TMF NE Pond - 10ppm TSS																							
Date	Mine Year	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorus mg/L
2032-01-01	5	6.69E-01	3.13E+00	7.13E-03	3.95E+01	5.39E-02	5.83E-03	5.68E-01	5.36E+00	1.28E-02	7.26E-04	7.48E-04	9.69E-04	3.29E-01	9.23E-02	1.65E-02	4.16E-05	4.88E-03	6.79E-03	1.48E-03	9.17E-04	1.61E-02	2.19E-02
2032-02-01	6	6.66E-01	3.12E+00	6.93E-03	3.99E+01	5.36E-02	5.84E-03	5.49E-01	5.31E+00	1.28E-02	7.25E-04	7.53E-04	9.80E-04	3.17E-01	9.18E-02	1.65E-02	4.15E-05	4.88E-03	6.77E-03	1.46E-03	8.91E-04	1.61E-02	2.23E-02
2032-03-01	6	6.61E-01	3.10E+00	6.63E-03	4.06E+01	5.31E-02	5.86E-03	5.19E-01	5.23E+00	1.29E-02	7.24E-04	7.60E-04	9.99E-04	2.98E-01	9.12E-02	1.65E-02	4.14E-05	4.87E-03	6.74E-03	1.42E-03	8.50E-04	1.61E-02	2.29E-02
2032-04-01	6	6.39E-01	3.02E+00	5.38E-03	4.30E+01	5.12E-02	5.94E-03	3.99E-01	4.91E+00	1.31E-02	7.20E-04	7.91E-04	1.08E-03	2.20E-01	8.84E-02	1.65E-02	4.08E-05	4.84E-03	6.59E-03	1.25E-03	6.84E-04	1.60E-02	2.55E-02
2032-05-01	6	6.29E-01	2.51E+00	4.56E-03	4.24E+01	4.40E-02	5.22E-03	3.32E-01	4.14E+00	1.30E-02	6.26E-04	7.94E-04	1.05E-03	1.89E-01	7.22E-02	1.63E-02	3.54E-05	4.06E-03	5.51E-03	1.07E-03	5.98E-04	1.40E-02	2.70E-02
2032-06-01	6	5.91E-01	2.67E+00	2.49E-03	4.69E+01	4.44E-02	5.78E-03	1.28E-01	3.95E+00	1.35E-02	6.73E-04	8.37E-04	1.20E-03	4.61E-02	7.67E-02	1.64E-02	3.72E-05	4.47E-03	5.90E-03	8.39E-04	3.07E-04	1.51E-02	3.05E-02
2032-07-01	6	6.33E-01	2.43E+00	4.90E-03	4.30E+01	4.32E-02	5.12E-03	3.38E-01	4.05E+00	1.30E-02	6.18E-04	8.20E-04	1.07E-03	2.16E-01	6.89E-02	1.62E-02	3.50E-05	3.93E-03	5.33E-03	1.11E-03	6.55E-04	1.37E-02	2.76E-02
2032-08-01	6	6.36E-01	2.40E+00	5.03E-03	4.27E+01	4.29E-02	5.06E-03	3.55E-01	4.06E+00	1.30E-02	6.11E-04	8.17E-04	1.05E-03	2.25E-01	6.83E-02	1.62E-02	3.47E-05	3.88E-03	5.27E-03	1.12E-03	6.72E-04	1.36E-02	2.74E-02
2032-09-01	6	6.26E-01	2.48E+00	4.51E-03	4.41E+01	4.35E-02	5.26E-03	3.09E-01	4.07E+00	1.31E-02	6.29E-04	8.30E-04	1.10E-03	1.87E-01	7.07E-02	1.63E-02	3.55E-05	4.04E-03	5.44E-03	1.07E-03	5.96E-04	1.40E-02	2.84E-02
2032-10-01	6	6.24E-01	2.49E+00	4.32E-03	4.43E+01	4.35E-02	5.31E-03	2.97E-01	4.06E+00	1.32E-02	6.32E-04	8.30E-04	1.10E-03	1.74E-01	7.12E-02	1.63E-02	3.56E-05	4.07E-03	5.47E-03	1.05E-03	5.69E-04	1.41E-02	2.87E-02
2032-11-01	6	6.16E-01	2.54E+00	3.87E-03	4.53E+01	4.38E-02	5.45E-03	2.56E-01	4.05E+00	1.33E-02	6.44E-04	8.37E-04	1.13E-03	1.42E-01	7.28E-02	1.63E-02	3.61E-05	4.18E-03	5.59E-03	9.97E-04	5.04E-04	1.44E-02	2.93E-02
2032-12-01	6	6.10E-01	2.59E+00	3.56E-03	4.60E+01	4.41E-02	5.56E-03	2.25E-01	4.04E+00	1.34E-02	6.55E-04	8.44E-04	1.16E-03	1.20E-01	7.41E-02	1.63E-02	3.66E-05	4.27E-03	5.69E-03	9.64E-04	4.59E-04	1.46E-02	2.99E-02
2033-01-01	6	6.08E-01	2.63E+00	3.50E-03	4.68E+01	4.46E-02	5.66E-03	2.17E-01	4.09E+00	1.35E-02	6.66E-04	8.55E-04	1.18E-03	1.14E-01	7.53E-02	1.63E-02	3.72E-05	4.35E-03	5.77E-03	9.65E-04	4.49E-04	1.49E-02	3.03E-02
2033-02-01	7	6.08E-01	2.67E+00	3.50E-03	4.76E+01	4.52E-02	5.76E-03	2.14E-01	4.14E+00	1.35E-02	6.77E-04	8.69E-04	1.20E-03	1.12E-01	7.66E-02	1.64E-02	3.78E-05	4.43E-03	5.86E-03	9.74E-04	4.47E-04	1.51E-02	3.08E-02
2033-03-01	7	6.06E-01	2.68E+00	3.40E-03	4.77E+01	4.52E-02	5.79E-03	2.05E-01	4.14E+00	1.36E-02	6.79E-04	8.70E-04	1.21E-03	1.05E-01	7.69E-02	1.64E-02	3.79E-05	4.45E-03	5.88E-03	9.63E-04	4.33E-04	1.52E-02	3.10E-02
2033-04-01	7	5.99E-01	2.71E+00	2.99E-03	4.83E+01	4.53E-02	5.88E-03	1.67E-01	4.10E+00	1.36E-02	6.87E-04	8.72E-04	1.23E-03	7.73E-02	7.81E-02	1.64E-02	3.81E-05	4.53E-03	5.96E-03	9.17E-04	3.76E-04	1.54E-02	3.14E-02
2033-05-01	7	6.20E-01	2.44E+00	4.07E-03	4.37E+01	4.27E-02	5.21E-03	2.81E-01	3.98E+00	1.31E-02	6.19E-04	8.11E-04	1.09E-03	1.58E-01	6.98E-02	1.62E-02	3.48E-05	3.99E-03	5.37E-03	1.00E-03	5.32E-04	1.38E-02	2.82E-02
2033-06-01	7	5.89E-01	2.65E+00	2.37E-03	4.73E+01	4.41E-02	5.77E-03	1.16E-01	3.91E+00	1.35E-02	6.71E-04	8.41E-04	1.21E-03	3.89E-02	7.61E-02	1.64E-02	3.71E-05	4.46E-03	5.87E-03	8.23E-04	2.91E-04	1.51E-02	3.08E-02
2033-07-01	7	6.32E-01	2.42E+00	4.86E-03	4.32E+01	4.30E-02	5.12E-03	3.30E-01	4.05E+00	1.30E-02	6.17E-04	8.22E-04	1.08E-03	2.13E-01	6.85E-02	1.62E-02	3.50E-05	3.93E-03	5.32E-03	1.11E-03	6.48E-04	1.37E-02	2.77E-02
2033-08-01	7	6.35E-01	2.40E+00	5.01E-03	4.29E+01	4.28E-02	5.06E-03	3.49E-01	4.06E+00	1.30E-02	6.10E-04	8.18E-04	1.06E-03	2.24E-01	6.79E-02	1.62E-02	3.47E-05	3.87E-03	5.26E-03	1.12E-03	6.68E-04	1.36E-02	2.75E-02
2033-09-01	7	6.26E-01	2.47E+00	4.50E-03	4.42E+01	4.34E-02	5.26E-03	3.05E-01	4.07E+00	1.31E-02	6.28E-04	8.30E-04	1.10E-03	1.86E-01	7.04E-02	1.63E-02	3.55E-05	4.03E-03	5.43E-03	1.07E-03	5.93E-04	1.40E-02	2.84E-02
2033-10-01	7	6.23E-01	2.49E+00	4.32E-03	4.45E+01	4.34E-02	5.30E-03	2.93E-01	4.07E+00	1.32E-02	6.31E-04	8.30E-04	1.11E-03	1.74E-01	7.09E-02	1.63E-02	3.56E-05	4.06E-03	5.46E-03	1.04E-03	5.67E-04	1.41E-02	2.86E-02
2033-11-01	7	6.15E-01	2.54E+00	3.88E-03	4.54E+01	4.38E-02	5.44E-03	2.53E-01	4.06E+00	1.33E-02	6.44E-04	8.37E-04	1.14E-03	1.42E-01	7.25E-02	1.63E-02	3.61E-05	4.18E-03	5.58E-03	9.97E-04	5.03E-04	1.44E-02	2.93E-02
2033-12-01	7	6.09E-01	2.58E+00	3.56E-03	4.62E+01	4.41E-02	5.55E-03	2.23E-01	4.05E+00	1.34E-02	6.54E-04	8.44E-04	1.17E-03	1.20E-01	7.39E-02	1.63E-02	3.66E-05						

TMF NE Pond - 10ppm TSS																							
Date	Mine Year	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorus mg/L
2037-07-01	11	5.83E-01	2.69E+00	2.10E-03	4.91E+01	4.46E-02	5.90E-03	8.65E-02	3.93E+00	1.37E-02	6.87E-04	8.56E-04	1.28E-03	1.81E-02	7.76E-02	1.64E-02	3.78E-05	4.60E-03	6.00E-03	8.04E-04	2.51E-04	1.54E-02	3.15E-02
2037-08-01	11	6.08E-01	2.51E+00	3.57E-03	4.61E+01	4.34E-02	5.43E-03	2.16E-01	4.02E+00	1.33E-02	6.41E-04	8.39E-04	1.17E-03	1.20E-01	7.19E-02	1.63E-02	3.58E-05	4.20E-03	5.58E-03	9.55E-04	4.57E-04	1.44E-02	2.92E-02
2037-09-01	11	6.06E-01	2.55E+00	3.43E-03	4.68E+01	4.37E-02	5.52E-03	2.05E-01	4.05E+00	1.34E-02	6.50E-04	8.46E-04	1.19E-03	1.09E-01	7.31E-02	1.63E-02	3.63E-05	4.27E-03	5.66E-03	9.43E-04	4.35E-04	1.46E-02	2.97E-02
2037-10-01	11	6.09E-01	2.52E+00	3.59E-03	4.64E+01	4.35E-02	5.45E-03	2.22E-01	4.05E+00	1.34E-02	6.43E-04	8.41E-04	1.18E-03	1.20E-01	7.23E-02	1.63E-02	3.59E-05	4.20E-03	5.59E-03	9.55E-04	4.56E-04	1.44E-02	2.94E-02
2037-11-01	11	6.05E-01	2.55E+00	3.35E-03	4.69E+01	4.37E-02	5.53E-03	2.02E-01	4.04E+00	1.34E-02	6.50E-04	8.44E-04	1.19E-03	1.03E-01	7.33E-02	1.63E-02	3.62E-05	4.27E-03	5.66E-03	9.31E-04	4.22E-04	1.46E-02	2.98E-02
2037-12-01	11	6.00E-01	2.59E+00	3.10E-03	4.76E+01	4.40E-02	5.64E-03	1.78E-01	4.04E+00	1.35E-02	6.61E-04	8.51E-04	1.22E-03	8.53E-02	7.46E-02	1.63E-02	3.68E-05	4.36E-03	5.76E-03	9.08E-04	3.87E-04	1.48E-02	3.03E-02
2038-01-01	11	5.99E-01	2.68E+00	3.09E-03	4.90E+01	4.51E-02	5.82E-03	1.72E-01	4.14E+00	1.37E-02	6.82E-04	8.75E-04	1.26E-03	8.14E-02	7.70E-02	1.64E-02	3.79E-05	4.51E-03	5.92E-03	9.24E-04	3.83E-04	1.53E-02	3.12E-02
2038-02-01	12	5.98E-01	2.68E+00	3.05E-03	4.91E+01	4.51E-02	5.83E-03	1.68E-01	4.14E+00	1.37E-02	6.83E-04	8.75E-04	1.26E-03	7.84E-02	7.71E-02	1.64E-02	3.79E-05	4.52E-03	5.93E-03	9.20E-04	3.77E-04	1.53E-02	3.13E-02
2038-03-01	12	5.97E-01	2.69E+00	2.98E-03	4.92E+01	4.51E-02	5.85E-03	1.62E-01	4.13E+00	1.37E-02	6.85E-04	8.76E-04	1.27E-03	7.37E-02	7.73E-02	1.64E-02	3.80E-05	4.54E-03	5.95E-03	9.12E-04	3.68E-04	1.54E-02	3.14E-02
2038-04-01	12	5.92E-01	2.71E+00	2.69E-03	4.96E+01	4.52E-02	5.92E-03	1.36E-01	4.09E+00	1.37E-02	6.91E-04	8.76E-04	1.28E-03	5.42E-02	7.81E-02	1.64E-02	3.83E-05	4.60E-03	6.01E-03	8.81E-04	3.28E-04	1.55E-02	3.17E-02
2038-05-01	12	6.15E-01	2.40E+00	3.96E-03	4.44E+01	4.22E-02	5.15E-03	2.58E-01	3.95E+00	1.31E-02	6.11E-04	8.12E-04	1.11E-03	1.48E-01	6.86E-02	1.62E-02	3.43E-05	3.96E-03	5.32E-03	9.76E-04	5.09E-04	1.37E-02	2.79E-02
2038-06-01	12	5.88E-01	2.61E+00	2.36E-03	4.80E+01	4.39E-02	5.73E-03	1.12E-01	3.90E+00	1.36E-02	6.69E-04	8.42E-04	1.25E-03	3.72E-02	7.55E-02	1.64E-02	3.69E-05	4.47E-03	5.85E-03	8.23E-04	2.87E-04	1.50E-02	3.07E-02
2038-07-01	12	5.83E-01	2.68E+00	2.10E-03	4.92E+01	4.45E-02	5.89E-03	8.63E-02	3.93E+00	1.37E-02	6.86E-04	8.56E-04	1.29E-03	1.81E-02	7.75E-02	1.64E-02	3.78E-05	4.60E-03	6.00E-03	8.04E-04	2.51E-04	1.54E-02	3.15E-02
2038-08-01	12	6.08E-01	2.51E+00	3.58E-03	4.63E+01	4.33E-02	5.42E-03	2.15E-01	4.00E+00	1.33E-02	6.41E-04	8.39E-04	1.18E-03	1.20E-01	7.18E-02	1.63E-02	3.58E-05	4.20E-03	5.58E-03	9.56E-04	4.57E-04	1.44E-02	2.92E-02
2038-09-01	12	6.06E-01	2.54E+00	3.44E-03	4.70E+01	4.37E-02	5.52E-03	2.04E-01	4.02E+00	1.34E-02	6.50E-04	8.46E-04	1.20E-03	1.09E-01	7.30E-02	1.63E-02	3.63E-05	4.27E-03	5.65E-03	9.44E-04	4.35E-04	1.46E-02	2.97E-02
2038-10-01	12	6.08E-01	2.52E+00	3.60E-03	4.65E+01	4.35E-02	5.45E-03	2.20E-01	4.03E+00	1.34E-02	6.43E-04	8.41E-04	1.18E-03	1.20E-01	7.22E-02	1.63E-02	3.59E-05	4.21E-03	5.59E-03	9.56E-04	4.56E-04	1.44E-02	2.93E-02
2038-11-01	12	6.04E-01	2.55E+00	3.37E-03	4.70E+01	4.37E-02	5.53E-03	2.00E-01	4.02E+00	1.34E-02	6.50E-04	8.44E-04	1.20E-03	1.03E-01	7.32E-02	1.63E-02	3.62E-05	4.27E-03	5.66E-03	9.32E-04	4.23E-04	1.46E-02	2.97E-02
2038-12-01	12	6.00E-01	2.58E+00	3.10E-03	4.76E+01	4.39E-02	5.62E-03	1.75E-01	4.01E+00	1.35E-02	6.60E-04	8.48E-04	1.22E-03	8.49E-02	7.43E-02	1.63E-02	3.67E-05	4.35E-03	5.74E-03	9.06E-04	3.86E-04	1.48E-02	3.02E-02
2039-01-01	12	5.77E-01	1.36E-01	1.81E-04	2.32E+00	1.14E-02	2.01E-04	6.54E-02	2.11E-01	8.64E-03	3.74E-05	1.89E-05	3.66E-05	2.07E-03	3.80E-03	1.52E-02	4.98E-07	1.69E-04	1.04E-03	3.33E-05	7.42E-05	1.03E-03	2.08E-03
2039-02-01	13	5.78E-01	2.96E-01	3.30E-04	4.20E+00	1.35E-02	5.11E-04	6.85E-02	4.39E-01	8.86E-03	7.39E-05	3.60E-05	8.65E-05	5.27E-03	8.43E-03	1.53E-02	5.94E-07	4.32E-04	1.36E-03	8.20E-05	8.90E-05	1.84E-03	3.09E-03
2039-03-01	13	5.82E-01	9.95E-01	9.78E-04	1.24E+01	2.26E-02	1.87E-03	8.23E-02	1.43E+00	9.82E-03	2.33E-04	1.10E-04	3.04E-04	1.92E-02	2.86E-02	1.56E-02	1.02E-06	1.58E-03	2.75E-03	2.94E-04	1.54E-04	5.36E-03	7.47E-03
2039-04-01	13	7.04E-01	2.34E+00	8.79E-03	2.93E+01	4.65E-02	4.34E-03	7.05E-01	3.87E+00	1.17E-02	5.80E-04	3.00E-04	7.17E-04	4.83E-01	7.03E-02	1.62E-02	2.35E-06	3.66E-03	5.38E-03	1.61E-03	1.20E-03	1.27E-02	1.70E-02
2039-05-01	13	6.20E-01	3.48E+00	4.78E-03	4.18E+01	5.67E-02	6.66E-03	2.66E-01	5.09E+00	1.33E-02	8.11E-04	3.86E-04	1.08E-03	1.68E-01	1.01E-01	1.67E-02	2.64E-06	5.66E-03	7.69E-03	1.26E-03	5.94E-04	1.80E-02	2.34E-02
2039-06-01	13	6.05E-01	3.77E+00	4.09E-03	4.50E+01	5.95E-02	7.24E-03	1.84E-01	5.42E+00	1.36E-02	8.71E-04	4.09E-04	1.17E-03	1.10E-01	1.09E-01</								

TMF NE Pond - 10ppm TSS																							
Date	Mine Year	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2043-01-01	16	6.77E-01	3.25E+00	7.70E-03	4.05E+01	5.63E-02	6.11E-03	5.91E-01	5.30E+00	1.30E-02	7.66E-04	3.88E-04	1.02E-03	3.64E-01	9.64E-02	1.66E-02	2.77E-06	5.14E-03	7.11E-03	1.60E-03	1.00E-03	1.69E-02	2.27E-02
2043-02-01	17	6.73E-01	3.28E+00	7.54E-03	4.09E+01	5.65E-02	6.17E-03	5.72E-01	5.32E+00	1.30E-02	7.72E-04	3.90E-04	1.03E-03	3.53E-01	9.72E-02	1.66E-02	2.77E-06	5.20E-03	7.18E-03	1.58E-03	9.77E-04	1.71E-02	2.29E-02
2043-03-01	17	6.59E-01	3.41E+00	6.82E-03	4.22E+01	5.75E-02	6.44E-03	4.90E-01	5.39E+00	1.32E-02	7.99E-04	3.97E-04	1.08E-03	3.01E-01	1.00E-01	1.67E-02	2.78E-06	5.45E-03	7.46E-03	1.51E-03	8.73E-04	1.77E-02	2.35E-02
2043-04-01	17	6.93E-01	2.82E+00	8.50E-03	3.58E+01	5.12E-02	5.16E-03	6.62E-01	5.05E+00	1.24E-02	6.66E-04	3.75E-04	8.66E-04	4.38E-01	8.22E-02	1.64E-02	2.74E-06	4.34E-03	6.17E-03	1.63E-03	1.13E-03	1.46E-02	1.97E-02
2043-05-01	17	6.20E-01	3.55E+00	4.84E-03	4.37E+01	5.75E-02	6.79E-03	2.69E-01	5.36E+00	1.34E-02	8.28E-04	4.03E-04	1.14E-03	1.67E-01	1.03E-01	1.68E-02	2.73E-06	5.79E-03	7.83E-03	1.28E-03	5.96E-04	1.84E-02	2.39E-02
2043-06-01	17	6.05E-01	3.77E+00	4.14E-03	4.60E+01	5.97E-02	7.24E-03	1.89E-01	5.51E+00	1.37E-02	8.75E-04	4.15E-04	1.22E-03	1.11E-01	1.10E-01	1.69E-02	2.77E-06	6.20E-03	8.30E-03	1.22E-03	4.89E-04	1.95E-02	2.52E-02
2043-07-01	17	6.00E-01	3.91E+00	3.96E-03	4.77E+01	6.13E-02	7.54E-03	1.62E-01	5.66E+00	1.39E-02	9.08E-04	4.27E-04	1.27E-03	9.35E-02	1.14E-01	1.69E-02	2.82E-06	6.45E-03	8.60E-03	1.23E-03	4.59E-04	2.02E-02	2.60E-02
2043-08-01	17	6.69E-01	3.33E+00	7.41E-03	4.18E+01	5.66E-02	6.21E-03	5.47E-01	5.58E+00	1.31E-02	7.76E-04	4.11E-04	1.04E-03	3.43E-01	9.73E-02	1.66E-02	2.88E-06	5.24E-03	7.22E-03	1.57E-03	9.56E-04	1.72E-02	2.29E-02
2043-09-01	17	6.94E-01	2.88E+00	8.58E-03	3.68E+01	5.20E-02	5.28E-03	6.75E-01	5.22E+00	1.24E-02	6.78E-04	3.85E-04	8.85E-04	4.39E-01	8.42E-02	1.64E-02	2.79E-06	4.42E-03	6.27E-03	1.64E-03	1.13E-03	1.49E-02	2.02E-02
2043-10-01	17	6.95E-01	2.84E+00	8.53E-03	3.64E+01	5.14E-02	5.20E-03	6.98E-01	5.21E+00	1.24E-02	6.65E-04	3.78E-04	8.67E-04	4.35E-01	8.36E-02	1.64E-02	2.75E-06	4.33E-03	6.17E-03	1.62E-03	1.12E-03	1.47E-02	2.01E-02
2043-11-01	17	6.78E-01	3.04E+00	7.55E-03	3.86E+01	5.31E-02	5.63E-03	6.20E-01	5.33E+00	1.27E-02	7.05E-04	3.83E-04	9.35E-04	3.60E-01	8.99E-02	1.65E-02	2.74E-06	4.70E-03	6.58E-03	1.52E-03	9.77E-04	1.56E-02	2.14E-02
2043-12-01	17	6.69E-01	3.13E+00	7.13E-03	3.95E+01	5.39E-02	5.83E-03	5.67E-01	5.36E+00	1.28E-02	7.26E-04	3.87E-04	9.69E-04	3.29E-01	9.23E-02	1.65E-02	2.74E-06	4.88E-03	6.79E-03	1.48E-03	9.17E-04	1.61E-02	2.19E-02
2044-01-01	17	6.66E-01	3.11E+00	6.93E-03	3.99E+01	5.36E-02	5.84E-03	5.49E-01	5.31E+00	1.28E-02	7.25E-04	3.89E-04	9.80E-04	3.17E-01	9.18E-02	1.65E-02	2.74E-06	4.88E-03	6.77E-03	1.46E-03	8.91E-04	1.61E-02	2.23E-02

TMF_NE_POND 15ppm TSS																						
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L
TMF NE Pond Statistics (Year 1 to Year 18)																						
Minimum		3.29	0.174	0.0863	0.00243	0.208	0.0135	0.000709	0.0000926	0.000000874	0.685627	7.50591E-06	0.0003062	0.001777	3.5627E-06	0.002469	2.0275E-06	1.2105	1.7635E-06	0.0011062	0.01303848	0.0011975
P10		92	5.553	2.2	0.0682	5.703	0.444	0.0249	0.00255	0.000005796	0.70946	7.6933E-06	0.0058952	0.009184	0.000006186	0.060479	9.8295E-06	15.1615	2.30005E-05	0.0014811	0.0131703	0.0038075
Median		105	6.38	2.46	0.0786	6.34	0.491	0.1065	0.00315	0.00000995	0.7118	0.0000478	0.0070252	0.00999	0.00627348	0.073579	7.24855E-05	18.5615	2.75705E-05	0.001512	0.0132435	0.0043575
P90		116	6.987	2.93	0.08778	7.23	0.619	0.1237	0.004047	0.000010503	0.7182	0.00005488	0.0085952	0.010985	0.00823748	0.094099	8.55255E-05	20.4615	3.00705E-05	0.0015412	0.013439	0.0048775
Maximum		130	7.2	3.33	0.094	8.09	0.636	0.127	0.00418	0.00001069	0.7187	0.000056	0.0097452	0.011475	0.01020348	0.096979	0.000100586	21.9615	3.17705E-05	0.0015935	0.013467	0.0053275
Monthly Results																						
2027-02-01	1	3.29	0.17	0.0863	0.00243	0.208	0.0136	0.00307	9.26E-05	9.92E-07	6.86E-01	8.68E-06	3.06E-04	1.78E-03	2.66E-04	2.47E-03	4.44E-06	1.21E+00	1.76E-06	1.11E-03	1.30E-02	1.20E-03
2027-03-01	1	8.51	0.45	0.223	0.00628	0.539	0.035	0.00794	0.000239	1.38E-06	6.87E-01	1.06E-05	7.03E-04	2.19E-03	6.82E-04	5.93E-03	8.48E-06	2.08E+00	3.02E-06	1.13E-03	1.30E-02	1.37E-03
2027-04-01	1	31.3	1.65	0.82	0.0231	1.98	0.129	0.0292	0.00088	3.05E-06	6.91E-01	1.87E-05	2.44E-03	4.01E-03	2.50E-03	2.11E-02	2.61E-05	5.87E+00	8.51E-06	1.21E-03	1.31E-02	2.13E-03
2027-05-01	1	73.2	4.90	1.9	0.0547	4.99	0.351	0.0782	0.00207	8.12E-06	7.12E-01	3.70E-05	5.68E-03	8.48E-03	5.76E-03	4.94E-02	6.31E-05	1.47E+01	2.37E-05	1.41E-03	1.34E-02	3.76E-03
2027-06-01	1	112	6.15	2.93	0.0828	7.18	0.473	0.107	0.00315	9.45E-06	7.09E-01	4.85E-05	8.60E-03	1.07E-02	8.92E-03	7.48E-02	8.97E-05	1.98E+01	2.92E-05	1.53E-03	1.32E-02	4.87E-03
2027-07-01	1	122	6.50	3.19	0.0898	7.73	0.505	0.114	0.00342	9.87E-06	7.09E-01	5.14E-05	9.32E-03	1.13E-02	9.70E-03	8.11E-02	9.65E-05	2.11E+01	3.07E-05	1.57E-03	1.32E-02	5.16E-03
2027-08-01	1	96.2	6.17	2.5	0.0717	6.49	0.447	0.101	0.00272	1.01E-05	7.18E-01	4.57E-05	7.44E-03	1.03E-02	7.59E-03	6.45E-02	8.16E-05	1.86E+01	2.99E-05	1.51E-03	1.34E-02	4.56E-03
2027-09-01	1	96	6.34	2.49	0.0717	6.49	0.454	0.101	0.00271	1.01E-05	7.19E-01	4.56E-05	7.41E-03	1.05E-02	7.56E-03	6.47E-02	8.14E-05	1.88E+01	2.99E-05	1.51E-03	1.35E-02	4.55E-03
2027-10-01	1	92	6.25	2.39	0.0688	6.26	0.442	0.0979	0.0026	9.90E-06	7.19E-01	4.44E-05	7.11E-03	1.03E-02	7.23E-03	6.21E-02	7.85E-05	1.83E+01	2.93E-05	1.49E-03	1.35E-02	4.44E-03
2027-11-01	1	94	6.42	2.44	0.0703	6.35	0.451	0.0992	0.00265	9.91E-06	7.18E-01	4.48E-05	7.24E-03	1.06E-02	7.38E-03	6.35E-02	7.96E-05	1.86E+01	2.94E-05	1.50E-03	1.35E-02	4.48E-03
2027-12-01	1	101	6.54	2.64	0.0756	6.71	0.469	0.103	0.00285	9.84E-06	7.16E-01	4.65E-05	7.79E-03	1.09E-02	7.99E-03	6.84E-02	8.40E-05	1.94E+01	2.96E-05	1.51E-03	1.34E-02	4.65E-03
2028-01-01	1	104	6.55	2.71	0.0774	6.85	0.474	0.105	0.00293	9.86E-06	7.15E-01	4.71E-05	7.99E-03	1.10E-02	8.22E-03	7.01E-02	8.56E-05	1.96E+01	2.98E-05	1.52E-03	1.34E-02	4.72E-03
2028-02-01	2	105	6.56	2.73	0.0779	6.88	0.476	0.105	0.00294	9.87E-06	7.15E-01	4.73E-05	8.04E-03	1.10E-02	8.27E-03	7.04E-02	8.60E-05	1.97E+01	2.98E-05	1.52E-03	1.33E-02	4.74E-03
2028-03-01	2	106	6.57	2.75	0.0786	6.94	0.478	0.106	0.00297	9.89E-06	7.14E-01	4.76E-05	8.11E-03	1.10E-02	8.35E-03	7.11E-02	8.67E-05	1.98E+01	2.99E-05	1.53E-03	1.33E-02	4.76E-03
2028-04-01	2	110	6.61	2.87	0.0817	7.16	0.488	0.109	0.00309	9.95E-06	7.14E-01	4.87E-05	8.44E-03	1.11E-02	8.71E-03	7.36E-02	8.95E-05	2.02E+01	3.03E-05	1.54E-03	1.33E-02	4.88E-03
2028-05-01	2	91.7	6.18	2.37	0.0682	6.2	0.434	0.0967	0.00256	9.70E-06	7.17E-01	4.40E-05	7.05E-03	1.00E-02	7.18E-03	6.10E-02	7.75E-05	1.81E+01	2.86E-05	1.49E-03	1.34E-02	4.39E-03
2028-06-01	2	117	6.44	3.04	0.0859	7.45	0.491	0.111	0.00325	9.81E-06	7.11E-01	5.01E-05	8.91E-03	1.10E-02	9.24E-03	7.66E-02	9.30E-05	2.05E+01	3.03E-05	1.55E-03	1.32E-02	5.02E-03
2028-07-01	2	124	6.61	3.22	0.0909	7.83	0.511	0.116	0.00344	9.99E-06	7.10E-01	5.20E-05	9.43E-03	1.13E-02	9.81E-03	8.11E-02	9.77E-05	2.14E+01	3.11E-05	1.57E-03	1.32E-02	5.21E-03
2028-08-01	2	97.2	6.33	2.52	0.0722	6.55	0.451	0.102	0.00272	1.01E-05	7.18E-01	4.60E-05	7.47E-03	1.02E-02	7.63E-03	6.42E-02	8.18E-05	1.88E+01	2.99E-05	1.51E-03	1.34E-02	4.57E-03
2028-09-01	2	97	6.54	2.51	0.0721	6.54	0.457	0.102	0.0027	1.01E-05	7.19E-01	4.59E-05	7.44E-03	1.04E-02	7.59E-03	6.43E-02	8.16E-05	1.90E+01	2.99E-05	1.51E-03	1.34E-02	4.56E-03
2028-10-01	2	92.9	6.46	2.4	0.0691	6.3	0.444	0.0985	0.00259	9.92E-06	7.19E-01	4.46E-05	7.12E-03	1.02E-02	7.25E-03	6.16E-02	7.86E-05	1.84E+01	2.92E-05	1.50E-03	1.35E-02	4.44E-03
2028-11-01	2	94.5	6.64	2.44	0.0704	6.37	0.452	0.0995	0.00263	9.91E-06	7.18E-01	4.50E-05	7.23E-03	1.04E-02	7.37E-03	6.28E-02	7.94E-05	1.87E+01	2.92E-05	1.50E-03	1.34E-02	4.47E-03
2028-12-01	2	102	6.73	2.64	0.0756	6.72	0.469	0.103	0.00283	9.84E-06	7.15E-01	4.65E-05	7.77E-03	1.08E-02	7.98E-03	6.76E-02	8.37E-05	1.94E+01	2.95E-05	1.52E-03	1.34E-02	4.64E-03
2029-01-01	2	105	6.72	2.71	0.0775	6.86	0.475	0.105	0.0029	9.86E-06	7.15E-01	4.72E-05	7.97E-03	1.08E-02	8.20E-03	6.92E-02	8.54E-05	1.97E+01	2.97E-05	1.52E-03	1.33E-02	4.71E-03
2029-02-01	3	105	6.72	2.72	0.0779	6.89	0.476	0.105	0.00292	9.87E-06												

TMF_NE_POND 15ppm TSS																						
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2032-01-01	5	100	7.14	2.54	0.0738	6.78	0.47	0.106	0.0027	9.77E-06	7.13E-01	4.76E-05	7.46E-03	1.03E-02	7.68E-03	6.36E-02	7.97E-05	2.00E+01	2.75E-05	1.50E-03	1.33E-02	4.46E-03
2032-02-01	6	101	7.08	2.55	0.0744	6.76	0.476	0.107	0.00276	9.80E-06	7.13E-01	4.79E-05	7.44E-03	1.03E-02	7.65E-03	6.50E-02	7.97E-05	1.98E+01	2.74E-05	1.50E-03	1.33E-02	4.45E-03
2032-03-01	6	102	6.99	2.55	0.0754	6.73	0.486	0.108	0.00286	9.84E-06	7.13E-01	4.84E-05	7.41E-03	1.03E-02	7.61E-03	6.73E-02	7.97E-05	1.96E+01	2.72E-05	1.50E-03	1.33E-02	4.43E-03
2032-04-01	6	106	6.61	2.56	0.0794	6.57	0.526	0.113	0.00325	9.99E-06	7.12E-01	5.04E-05	7.27E-03	1.02E-02	7.44E-03	7.64E-02	7.95E-05	1.85E+01	2.65E-05	1.51E-03	1.33E-02	4.36E-03
2032-05-01	6	97.5	5.72	2.2	0.0757	5.7	0.55	0.113	0.00348	9.94E-06	7.11E-01	5.06E-05	5.98E-03	9.29E-03	6.02E-03	8.18E-02	6.91E-05	1.58E+01	2.30E-05	1.48E-03	1.32E-02	3.83E-03
2032-06-01	6	109	5.46	2.44	0.0848	5.9	0.601	0.12	0.00403	1.01E-05	7.08E-01	5.34E-05	6.51E-03	9.70E-03	6.58E-03	9.46E-02	7.48E-05	1.53E+01	2.35E-05	1.51E-03	1.32E-02	4.01E-03
2032-07-01	6	97	5.51	2.15	0.076	5.64	0.567	0.116	0.00361	1.03E-05	7.12E-01	5.20E-05	5.77E-03	9.14E-03	5.77E-03	8.43E-02	6.81E-05	1.55E+01	2.29E-05	1.48E-03	1.33E-02	3.77E-03
2032-08-01	6	95.8	5.55	2.12	0.0752	5.6	0.564	0.116	0.00357	1.03E-05	7.12E-01	5.18E-05	5.69E-03	9.10E-03	5.69E-03	8.34E-02	6.73E-05	1.55E+01	2.28E-05	1.48E-03	1.33E-02	3.73E-03
2032-09-01	6	99.7	5.61	2.21	0.0781	5.71	0.579	0.118	0.00371	1.03E-05	7.12E-01	5.26E-05	5.91E-03	9.31E-03	5.92E-03	8.69E-02	6.95E-05	1.56E+01	2.31E-05	1.49E-03	1.32E-02	3.82E-03
2032-10-01	6	101	5.64	2.22	0.0786	5.72	0.582	0.118	0.00374	1.03E-05	7.12E-01	5.26E-05	5.95E-03	9.36E-03	5.96E-03	8.76E-02	6.98E-05	1.56E+01	2.31E-05	1.49E-03	1.32E-02	3.83E-03
2032-11-01	6	103	5.63	2.28	0.0806	5.79	0.591	0.119	0.00384	1.03E-05	7.11E-01	5.31E-05	6.11E-03	9.49E-03	6.13E-03	9.00E-02	7.13E-05	1.56E+01	2.33E-05	1.50E-03	1.32E-02	3.88E-03
2032-12-01	6	105	5.62	2.33	0.0823	5.85	0.598	0.12	0.00392	1.03E-05	7.11E-01	5.36E-05	6.24E-03	9.59E-03	6.27E-03	9.20E-02	7.26E-05	1.56E+01	2.35E-05	1.51E-03	1.32E-02	3.93E-03
2033-01-01	6	107	5.68	2.38	0.0837	5.93	0.607	0.122	0.00399	1.04E-05	7.11E-01	5.42E-05	6.34E-03	9.71E-03	6.38E-03	9.36E-02	7.38E-05	1.58E+01	2.38E-05	1.51E-03	1.32E-02	3.97E-03
2033-02-01	7	109	5.77	2.42	0.0852	6.03	0.618	0.124	0.00406	1.06E-05	7.11E-01	5.50E-05	6.46E-03	9.84E-03	6.50E-03	9.53E-02	7.50E-05	1.60E+01	2.42E-05	1.52E-03	1.32E-02	4.02E-03
2033-03-01	7	110	5.75	2.43	0.0855	6.04	0.619	0.124	0.00408	1.06E-05	7.11E-01	5.51E-05	6.49E-03	9.86E-03	6.53E-03	9.56E-02	7.53E-05	1.60E+01	2.42E-05	1.52E-03	1.32E-02	4.03E-03
2033-04-01	7	112	5.70	2.47	0.0869	6.07	0.624	0.125	0.00414	1.05E-05	7.10E-01	5.53E-05	6.59E-03	9.91E-03	6.65E-03	9.70E-02	7.63E-05	1.59E+01	2.42E-05	1.53E-03	1.32E-02	4.07E-03
2033-05-01	7	99.2	5.60	2.18	0.0772	5.59	0.571	0.115	0.00366	1.01E-05	7.11E-01	5.16E-05	5.83E-03	9.18E-03	5.85E-03	8.56E-02	6.84E-05	1.52E+01	2.25E-05	1.48E-03	1.32E-02	3.77E-03
2033-06-01	7	110	5.43	2.43	0.0852	5.88	0.606	0.12	0.00406	1.01E-05	7.08E-01	5.37E-05	6.48E-03	9.64E-03	6.54E-03	9.49E-02	7.46E-05	1.52E+01	2.34E-05	1.52E-03	1.31E-02	4.00E-03
2033-07-01	7	97.7	5.56	2.14	0.0761	5.64	0.569	0.117	0.00361	1.03E-05	7.12E-01	5.21E-05	5.75E-03	9.08E-03	5.75E-03	8.40E-02	6.80E-05	1.55E+01	2.29E-05	1.48E-03	1.33E-02	3.76E-03
2033-08-01	7	96.5	5.62	2.12	0.0753	5.6	0.565	0.116	0.00356	1.03E-05	7.12E-01	5.18E-05	5.68E-03	9.04E-03	5.67E-03	8.30E-02	6.73E-05	1.55E+01	2.27E-05	1.48E-03	1.33E-02	3.73E-03
2033-09-01	7	100	5.67	2.2	0.0781	5.71	0.58	0.118	0.0037	1.03E-05	7.12E-01	5.26E-05	5.90E-03	9.25E-03	5.91E-03	8.63E-02	6.94E-05	1.56E+01	2.31E-05	1.49E-03	1.32E-02	3.81E-03
2033-10-01	7	101	5.71	2.22	0.0787	5.72	0.582	0.118	0.00372	1.03E-05	7.12E-01	5.27E-05	5.94E-03	9.30E-03	5.95E-03	8.70E-02	6.98E-05	1.56E+01	2.31E-05	1.49E-03	1.32E-02	3.82E-03
2033-11-01	7	104	5.69	2.28	0.0806	5.79	0.591	0.119	0.00382	1.03E-05	7.11E-01	5.31E-05	6.10E-03	9.42E-03	6.12E-03	8.93E-02	7.12E-05	1.55E+01	2.33E-05	1.50E-03	1.32E-02	3.88E-03
2033-12-01	7	106	5.67	2.33	0.0823	5.85	0.599	0.12	0.0039	1.03E-05	7.11E-01	5.36E-05	6.23E-03	9.53E-03	6.26E-03	9.12E-02	7.25E-05	1.56E+01	2.35E-05	1.51E-03	1.32E-02	3.92E-03
2034-01-01	7	108	5.73	2.37	0.0837	5.93	0.608	0.122	0.00397	1.04E-05	7.11E-01	5.43E-05	6.34E-03	9.65E-03	6.37E-03	9.28E-02	7.37E-05	1.57E+01	2.38E-05	1.51E-03	1.32E-02	3.97E-03
2034-02-01	8	110	5.82	2.42	0.0853	6.04	0.618	0.124	0.00404	1.06E-05	7.11E-01	5.50E-05	6.46E-03	9.79E-03	6.49E-03	9.45E-02	7.50E-05	1.60E+01	2.42E-05	1.52E-03	1.32E-02	4.02E-03
2034-03-01	8	111	5.80	2.43	0.0856	6.05	0.62	0.124	0.00406	1.06E-05	7.11E-01	5.51E-05	6.48E-03	9.80E-03	6.53E-03	9.49E-02	7.53E-05	1.60E+01	2.42E-05	1.52E-03	1.32E-02	4.03E-03
2034-04-01	8	113	5.74	2.47	0.0869	6.07	0.624	0.125	0.00412	1.05E-05	7.10E-01	5.53E-05	6.59E-03	9.85E-03	6.64E-03	9.61E-02	7.63E-05	1.59E+01	2.42E-05	1.53E-03	1.32E-02	4.07E-03
2034-05-01	8	99.9	5.67	2.18	0.0773</																	

TMF_NE_POND 15ppm TSS																						
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2037-07-01	11	115	5.50	2.5	0.0875	5.99	0.619	0.123	0.00409	1.02E-05	7.08E-01	5.46E-05	6.65E-03	9.63E-03	6.72E-03	9.43E-02	7.64E-05	1.53E+01	2.38E-05	1.53E-03	1.31E-02	4.06E-03
2037-08-01	11	105	5.79	2.29	0.0808	5.81	0.591	0.12	0.00376	1.03E-05	7.10E-01	5.33E-05	6.10E-03	9.23E-03	6.13E-03	8.66E-02	7.11E-05	1.53E+01	2.30E-05	1.50E-03	1.32E-02	3.87E-03
2037-09-01	11	107	5.87	2.33	0.0821	5.87	0.599	0.121	0.00382	1.03E-05	7.10E-01	5.37E-05	6.20E-03	9.34E-03	6.23E-03	8.80E-02	7.21E-05	1.54E+01	2.32E-05	1.51E-03	1.32E-02	3.91E-03
2037-10-01	11	106	5.95	2.29	0.0811	5.83	0.594	0.12	0.00377	1.03E-05	7.10E-01	5.34E-05	6.11E-03	9.28E-03	6.14E-03	8.69E-02	7.12E-05	1.54E+01	2.31E-05	1.50E-03	1.32E-02	3.87E-03
2037-11-01	11	107	5.93	2.33	0.0823	5.87	0.599	0.121	0.00382	1.03E-05	7.10E-01	5.36E-05	6.20E-03	9.35E-03	6.24E-03	8.82E-02	7.21E-05	1.54E+01	2.32E-05	1.51E-03	1.32E-02	3.91E-03
2037-12-01	11	110	5.87	2.38	0.0838	5.92	0.606	0.122	0.0039	1.03E-05	7.10E-01	5.41E-05	6.33E-03	9.45E-03	6.37E-03	9.00E-02	7.34E-05	1.54E+01	2.34E-05	1.52E-03	1.32E-02	3.95E-03
2038-01-01	11	113	6.00	2.46	0.0865	6.1	0.625	0.125	0.00403	1.06E-05	7.10E-01	5.54E-05	6.54E-03	9.69E-03	6.59E-03	9.29E-02	7.57E-05	1.58E+01	2.41E-05	1.53E-03	1.32E-02	4.05E-03
2038-02-01	12	113	5.99	2.46	0.0867	6.1	0.625	0.125	0.00403	1.06E-05	7.10E-01	5.55E-05	6.55E-03	9.70E-03	6.60E-03	9.31E-02	7.58E-05	1.58E+01	2.41E-05	1.53E-03	1.32E-02	4.05E-03
2038-03-01	12	114	5.96	2.47	0.087	6.11	0.626	0.125	0.00405	1.06E-05	7.10E-01	5.55E-05	6.58E-03	9.71E-03	6.63E-03	9.34E-02	7.60E-05	1.58E+01	2.41E-05	1.53E-03	1.32E-02	4.06E-03
2038-04-01	12	115	5.85	2.5	0.0879	6.12	0.629	0.125	0.00409	1.05E-05	7.10E-01	5.56E-05	6.66E-03	9.74E-03	6.72E-03	9.43E-02	7.68E-05	1.58E+01	2.42E-05	1.54E-03	1.32E-02	4.09E-03
2038-05-01	12	100	5.97	2.16	0.0769	5.62	0.57	0.116	0.00355	1.01E-05	7.10E-01	5.18E-05	5.77E-03	8.94E-03	5.78E-03	8.17E-02	6.76E-05	1.49E+01	2.22E-05	1.48E-03	1.32E-02	3.73E-03
2038-06-01	12	112	5.53	2.43	0.0851	5.88	0.606	0.12	0.00396	1.01E-05	7.08E-01	5.37E-05	6.46E-03	9.43E-03	6.52E-03	9.11E-02	7.44E-05	1.51E+01	2.33E-05	1.52E-03	1.31E-02	3.99E-03
2038-07-01	12	115	5.51	2.5	0.0875	5.99	0.618	0.123	0.00407	1.02E-05	7.08E-01	5.46E-05	6.65E-03	9.60E-03	6.72E-03	9.37E-02	7.64E-05	1.52E+01	2.38E-05	1.53E-03	1.31E-02	4.06E-03
2038-08-01	12	106	5.85	2.29	0.0808	5.82	0.591	0.12	0.00374	1.03E-05	7.10E-01	5.33E-05	6.10E-03	9.21E-03	6.13E-03	8.61E-02	7.10E-05	1.52E+01	2.30E-05	1.50E-03	1.32E-02	3.87E-03
2038-09-01	12	108	5.92	2.33	0.0822	5.87	0.599	0.121	0.0038	1.03E-05	7.10E-01	5.37E-05	6.20E-03	9.32E-03	6.23E-03	8.75E-02	7.21E-05	1.53E+01	2.32E-05	1.51E-03	1.32E-02	3.91E-03
2038-10-01	12	106	6.02	2.29	0.0812	5.84	0.595	0.12	0.00375	1.03E-05	7.10E-01	5.34E-05	6.11E-03	9.26E-03	6.14E-03	8.64E-02	7.12E-05	1.53E+01	2.31E-05	1.51E-03	1.32E-02	3.87E-03
2038-11-01	12	108	5.99	2.33	0.0823	5.87	0.6	0.121	0.00381	1.03E-05	7.10E-01	5.36E-05	6.20E-03	9.33E-03	6.24E-03	8.77E-02	7.21E-05	1.53E+01	2.32E-05	1.51E-03	1.32E-02	3.91E-03
2038-12-01	12	110	5.90	2.37	0.0836	5.91	0.605	0.121	0.00387	1.03E-05	7.10E-01	5.39E-05	6.31E-03	9.41E-03	6.36E-03	8.92E-02	7.32E-05	1.53E+01	2.34E-05	1.52E-03	1.32E-02	3.95E-03
2039-01-01	12	3.29	0.17	0.0863	0.00243	0.208	0.0135	0.000709	0.0000926	8.74E-07	6.86E-01	7.51E-06	3.06E-04	1.78E-03	3.56E-06	2.47E-03	2.03E-06	1.21E+00	1.76E-06	1.11E-03	1.30E-02	1.20E-03
2039-02-01	13	8.51	0.45	0.223	0.00628	0.539	0.035	0.00183	0.000239	1.07E-06	6.87E-01	7.52E-06	7.03E-04	2.19E-03	3.69E-06	5.93E-03	2.25E-06	2.08E+00	3.02E-06	1.13E-03	1.30E-02	1.37E-03
2039-03-01	13	31.3	1.65	0.82	0.0231	1.98	0.129	0.00674	0.00088	1.93E-06	6.91E-01	7.56E-06	2.44E-03	4.01E-03	4.27E-06	2.11E-02	3.24E-06	5.87E+00	8.51E-06	1.21E-03	1.31E-02	2.13E-03
2039-04-01	13	73.2	4.90	1.9	0.0547	4.99	0.351	0.0192	0.00207	5.17E-06	7.12E-01	7.65E-06	5.68E-03	8.48E-03	5.55E-06	4.94E-02	1.07E-05	1.47E+01	2.37E-05	1.41E-03	1.34E-02	3.76E-03
2039-05-01	13	112	6.15	2.93	0.0828	7.17	0.473	0.0249	0.00315	5.35E-06	7.09E-01	7.71E-06	8.60E-03	1.07E-02	6.35E-06	7.48E-02	8.01E-06	1.98E+01	2.91E-05	1.53E-03	1.32E-02	4.87E-03
2039-06-01	13	122	6.50	3.19	0.0898	7.73	0.505	0.0265	0.00342	5.47E-06	7.09E-01	7.72E-06	9.32E-03	1.13E-02	6.56E-06	8.11E-02	7.60E-06	2.11E+01	3.07E-05	1.57E-03	1.32E-02	5.16E-03
2039-07-01	13	96.2	6.17	2.5	0.0717	6.49	0.447	0.0243	0.00272	6.24E-06	7.18E-01	7.69E-06	7.44E-03	1.03E-02	6.15E-06	6.45E-02	1.24E-05	1.86E+01	2.99E-05	1.51E-03	1.34E-02	4.56E-03
2039-08-01	13	96	6.34	2.49	0.0717	6.49	0.454	0.0247	0.00271	6.26E-06	7.19E-01	7.69E-06	7.41E-03	1.05E-02	6.15E-06	6.47E-02	1.25E-05	1.88E+01	2.99E-05	1.51E-03	1.35E-02	4.55E-03
2039-09-01	13	92	6.25	2.39	0.0688	6.26	0.442	0.0241	0.0026	6.22E-06	7.19E-01	7.68E-06	7.10E-03	1.03E-02	6.06E-06	6.21E-02	1.27E-05	1.83E+01	2.93E-05	1.49E-03	1.35E-02	4.43E-03
2039-10-01	13	94	6.42	2.44	0.0703	6.35	0.451	0.0246	0.00265	6.17E-06	7.18E-01	7.69E-06	7.24E-03	1.05E-02	6.09E-06	6.35E-02	1.24E-05	1.86E+01	2.94E-05	1.50E-03	1.35E-02	4.48E-03
2039-																						

TMF_NE_POND 15ppm TSS																						
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L
2043-01-01	16	104	7.05	2.67	0.0769	6.89	0.476	0.0258	0.00284	5.87E-06	7.14E-01	7.70E-06	7.86E-03	1.06E-02	6.29E-06	6.73E-02	1.03E-05	1.99E+01	2.91E-05	1.52E-03	1.33E-02	4.65E-03
2043-02-01	17	106	7.04	2.7	0.0777	6.94	0.478	0.0259	0.00287	5.86E-06	7.14E-01	7.70E-06	7.94E-03	1.06E-02	6.31E-06	6.79E-02	1.02E-05	2.00E+01	2.92E-05	1.52E-03	1.33E-02	4.68E-03
2043-03-01	17	110	6.99	2.83	0.0809	7.17	0.488	0.0262	0.00299	5.81E-06	7.13E-01	7.71E-06	8.30E-03	1.08E-02	6.38E-06	7.05E-02	9.68E-06	2.04E+01	2.97E-05	1.54E-03	1.33E-02	4.81E-03
2043-04-01	17	88.7	6.43	2.26	0.0658	6.3	0.435	0.0247	0.00243	5.90E-06	7.15E-01	7.69E-06	6.67E-03	9.48E-03	6.15E-06	5.65E-02	1.10E-05	1.89E+01	2.62E-05	1.46E-03	1.34E-02	4.17E-03
2043-05-01	17	117	6.51	3	0.0849	7.45	0.491	0.0262	0.00315	5.54E-06	7.10E-01	7.71E-06	8.78E-03	1.07E-02	6.48E-06	7.32E-02	8.19E-06	2.07E+01	2.97E-05	1.55E-03	1.32E-02	4.95E-03
2043-06-01	17	125	6.63	3.2	0.0904	7.82	0.511	0.0269	0.00336	5.54E-06	7.10E-01	7.72E-06	9.37E-03	1.12E-02	6.60E-06	7.80E-02	7.69E-06	2.13E+01	3.09E-05	1.58E-03	1.32E-02	5.18E-03
2043-07-01	17	130	6.79	3.33	0.094	8.09	0.527	0.0277	0.00349	5.63E-06	7.10E-01	7.73E-06	9.75E-03	1.15E-02	6.70E-06	8.11E-02	7.61E-06	2.20E+01	3.18E-05	1.59E-03	1.32E-02	5.33E-03
2043-08-01	17	107	7.15	2.72	0.0786	7.23	0.492	0.0272	0.00289	6.07E-06	7.15E-01	7.71E-06	8.00E-03	1.06E-02	6.47E-06	6.75E-02	1.03E-05	2.10E+01	2.93E-05	1.52E-03	1.33E-02	4.70E-03
2043-09-01	17	90.8	6.77	2.3	0.0674	6.47	0.448	0.0255	0.00248	6.00E-06	7.16E-01	7.70E-06	6.80E-03	9.69E-03	6.23E-06	5.77E-02	1.11E-05	1.95E+01	2.67E-05	1.47E-03	1.34E-02	4.23E-03
2043-10-01	17	89.3	6.94	2.26	0.0664	6.36	0.446	0.0253	0.00243	5.92E-06	7.15E-01	7.69E-06	6.67E-03	9.70E-03	6.18E-06	5.70E-02	1.10E-05	1.93E+01	2.62E-05	1.46E-03	1.34E-02	4.17E-03
2043-11-01	17	96.6	7.20	2.45	0.0715	6.64	0.464	0.0259	0.00261	5.79E-06	7.14E-01	7.70E-06	7.20E-03	1.02E-02	6.25E-06	6.16E-02	1.02E-05	1.98E+01	2.70E-05	1.49E-03	1.33E-02	4.36E-03
2043-12-01	17	100	7.14	2.54	0.0738	6.78	0.47	0.026	0.0027	5.76E-06	7.13E-01	7.70E-06	7.46E-03	1.03E-02	6.29E-06	6.36E-02	9.89E-06	2.00E+01	2.75E-05	1.50E-03	1.33E-02	4.46E-03
2044-01-01	17	101	7.08	2.55	0.0744	6.76	0.476	0.0261	0.00276	5.75E-06	7.13E-01	7.70E-06	7.44E-03	1.03E-02	6.31E-06	6.50E-02	9.77E-06	1.98E+01	2.73E-05	1.50E-03	1.33E-02	4.45E-03

TMF_NE_POND 15ppm TSS																							
Date	Mine Year	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
TMF NE Pond Statistics (Year 1 to Year																							
Minimum		0.865998	0.1532	0.000223955	2.887	0.01647	0.00020365	0.09709	0.24545	0.012889	0.00004455	0.000023	0.000039155	0.00210195	0.0042385	0.0228447	7.164E-07	0.000169265	0.0014565	0.000034535	0.00010667	0.00129	0.002808
P10		0.88529	2.4852	0.002989155	37.407	0.04845	0.00519765	0.19049	4.00245	0.01677	0.00063405	0.0003856	0.000899755	0.07090195	0.0707485	0.02385	2.9855E-06	0.004035265	0.0058455	0.000907735	0.00039725	0.01428	0.021375
Median		0.9184	2.9372	0.005055155	43.007	0.0587	0.00572765	0.3611	4.97245	0.01735	0.00071495	0.0007568	0.001077755	0.20109195	0.0773185	0.024025	3.68555E-05	0.004607265	0.0066805	0.001283735	0.00066985	0.01588	0.024575
P90		1.0065	3.5022	0.010110155	48.607	0.06315	0.00665765	0.8171	5.39245	0.017957	0.00082045	0.0008694	0.001237755	0.54109195	0.1023185	0.02432	4.52255E-05	0.005662265	0.0081055	0.001903735	0.00139735	0.01828	0.031675
Maximum		1.0205	3.9322	0.010730155	50.607	0.06635	0.00753765	0.8891	5.69245	0.01816	0.00091545	0.0008903	0.001287755	0.58509195	0.1143185	0.02453	5.07555E-05	0.006452265	0.0090155	0.001983735	0.00148735	0.02048	3.28E-02
Monthly Results																							
2027-02-01	1	8.66E-01	1.53E-01	2.24E-04	2.89E+00	1.65E-02	2.04E-04	9.71E-02	2.46E-01	1.29E-02	4.46E-05	3.37E-05	3.92E-05	2.11E-03	4.24E-03	2.28E-02	1.95E-06	1.69E-04	1.46E-03	3.45E-05	1.07E-04	1.29E-03	2.81E-03
2027-03-01	1	8.67E-01	3.13E-01	3.73E-04	4.77E+00	1.86E-02	5.14E-04	1.00E-01	4.73E-01	1.31E-02	8.11E-05	6.76E-05	8.91E-05	5.30E-03	8.87E-03	2.29E-02	3.99E-06	4.33E-04	1.77E-03	8.32E-05	1.21E-04	2.10E-03	3.82E-03
2027-04-01	1	8.70E-01	1.01E+00	1.02E-03	1.30E+01	2.78E-02	1.87E-03	1.14E-01	1.46E+00	1.41E-02	2.40E-04	2.15E-04	3.07E-04	1.92E-02	2.90E-02	2.32E-02	1.30E-05	1.58E-03	3.17E-03	2.96E-04	1.86E-04	5.62E-03	8.20E-03
2027-05-01	1	9.93E-01	2.36E+00	8.83E-03	2.99E+01	5.16E-02	4.34E-03	7.37E-01	3.90E+00	1.60E-02	5.87E-04	5.69E-04	7.20E-04	4.83E-01	7.07E-02	2.38E-02	3.47E-05	3.66E-03	5.80E-03	1.62E-03	1.25E-03	1.30E-02	1.77E-02
2027-06-01	1	9.09E-01	3.50E+00	4.82E-03	4.25E+01	6.18E-02	6.66E-03	2.98E-01	5.12E+00	1.75E-02	8.18E-04	7.58E-04	1.08E-03	1.68E-01	1.01E-01	2.43E-02	4.58E-05	5.66E-03	8.11E-03	1.26E-03	6.27E-04	1.83E-02	2.41E-02
2027-07-01	1	8.93E-01	3.79E+00	4.13E-03	4.56E+01	6.46E-02	7.24E-03	2.17E-01	5.45E+00	1.79E-02	8.78E-04	8.09E-04	1.17E-03	1.10E-01	1.09E-01	2.45E-02	4.88E-05	6.15E-03	8.68E-03	1.21E-03	5.17E-04	1.97E-02	2.57E-02
2027-08-01	1	1.01E+00	3.07E+00	1.02E-02	3.83E+01	6.15E-02	5.70E-03	7.89E-01	4.91E+00	1.70E-02	7.56E-04	7.28E-04	9.42E-04	5.50E-01	9.06E-02	2.41E-02	4.44E-05	4.82E-03	7.21E-03	1.94E-03	1.42E-03	1.66E-02	2.20E-02
2027-09-01	1	1.01E+00	3.08E+00	1.04E-02	3.85E+01	6.18E-02	5.69E-03	8.45E-01	5.00E+00	1.70E-02	7.54E-04	7.28E-04	9.39E-04	5.59E-01	9.19E-02	2.41E-02	4.44E-05	4.80E-03	7.19E-03	1.96E-03	1.44E-03	1.66E-02	2.24E-02
2027-10-01	1	1.02E+00	2.96E+00	1.07E-02	3.72E+01	6.07E-02	5.45E-03	8.89E-01	4.89E+00	1.68E-02	7.29E-04	7.07E-04	9.01E-04	5.85E-01	8.88E-02	2.40E-02	4.31E-05	4.59E-03	6.95E-03	1.98E-03	1.49E-03	1.60E-02	2.18E-02
2027-11-01	1	1.02E+00	3.02E+00	1.04E-02	3.80E+01	6.11E-02	5.57E-03	8.81E-01	5.00E+00	1.69E-02	7.39E-04	7.14E-04	9.17E-04	5.57E-01	9.12E-02	2.41E-02	4.35E-05	4.69E-03	7.06E-03	1.94E-03	1.43E-03	1.63E-02	2.24E-02
2027-12-01	1	9.84E-01	3.23E+00	8.57E-03	4.01E+01	6.20E-02	6.02E-03	7.20E-01	5.17E+00	1.71E-02	7.74E-04	7.36E-04	9.84E-04	4.27E-01	9.70E-02	2.42E-02	4.48E-05	5.07E-03	7.48E-03	1.72E-03	1.17E-03	1.72E-02	2.35E-02
2028-01-01	1	9.74E-01	3.31E+00	8.04E-03	4.09E+01	6.24E-02	6.18E-03	6.60E-01	5.22E+00	1.72E-02	7.88E-04	7.46E-04	1.01E-03	3.89E-01	9.87E-02	2.42E-02	4.53E-05	5.21E-03	7.64E-03	1.66E-03	1.09E-03	1.75E-02	2.38E-02
2028-02-01	2	9.71E-01	3.32E+00	7.93E-03	4.11E+01	6.25E-02	6.22E-03	6.48E-01	5.23E+00	1.73E-02	7.91E-04	7.49E-04	1.02E-03	3.81E-01	9.91E-02	2.42E-02	4.55E-05	5.25E-03	7.68E-03	1.65E-03	1.07E-03	1.76E-02	2.39E-02
2028-03-01	2	9.68E-01	3.35E+00	7.76E-03	4.14E+01	6.27E-02	6.28E-03	6.28E-01	5.25E+00	1.73E-02	7.97E-04	7.53E-04	1.03E-03	3.68E-01	9.98E-02	2.42E-02	4.57E-05	5.30E-03	7.74E-03	1.63E-03	1.05E-03	1.77E-02	2.40E-02
2028-04-01	2	9.52E-01	3.47E+00	7.01E-03	4.27E+01	6.35E-02	6.54E-03	5.42E-01	5.33E+00	1.75E-02	8.20E-04	7.71E-04	1.07E-03	3.13E-01	1.02E-01	2.43E-02	4.67E-05	5.53E-03	8.00E-03	1.55E-03	9.35E-04	1.83E-02	2.46E-02
2028-05-01	2	1.01E+00	2.93E+00	1.01E-02	3.69E+01	5.96E-02	5.41E-03	8.18E-01	4.82E+00	1.68E-02	7.19E-04	6.98E-04	8.99E-04	5.41E-01	8.73E-02	2.40E-02	4.23E-05	4.56E-03	6.90E-03	1.88E-03	1.40E-03	1.58E-02	2.14E-02
2028-06-01	2	9.12E-01	3.63E+00	5.10E-03	4.42E+01	6.35E-02	6.90E-03	3.16E-01	5.33E+00	1.77E-02	8.48E-04	7.88E-04	1.13E-03	1.81E-01	1.05E-01	2.44E-02	4.75E-05	5.87E-03	8.36E-03	1.32E-03	6.60E-04	1.90E-02	2.49E-02
2028-07-01	2	8.94E-01	3.83E+00	4.23E-03	4.64E+01	6.52E-02	7.32E-03	2.23E-01	5.52E+00	1.80E-02	8.89E-04	8.19E-04	1.20E-03	1.14E-01	1.11E-01	2.45E-02	4.94E-05	6.23E-03	8.77E-03	1.23E-03	5.29E-04	1.99E-02	2.60E-02
2028-08-01	2	1.00E+00	3.08E+00	1.02E-02	3.86E+01	6.16E-02	5.73E-03	7.76E-01	4.97E+00	1.70E-02	7.58E-04	7.34E-04	9.55E-04	5.43E-01	9.08E-02	2.41E-02	4.45E-05	4.85E-03	7.24E-03	1.93E-03	1.41E-03		

TMF_NE_POND 15ppm TSS																							
Date	Mine Year	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2032-01-01	5	9.58E-01	3.15E+00	7.17E-03	4.01E+01	5.90E-02	5.83E-03	6.00E-01	5.39E+00	1.70E-02	7.33E-04	7.52E-04	9.72E-04	3.29E-01	9.27E-02	2.41E-02	4.19E-05	4.88E-03	7.21E-03	1.48E-03	9.49E-04	1.64E-02	2.26E-02
2032-02-01	6	9.54E-01	3.14E+00	6.97E-03	4.05E+01	5.87E-02	5.84E-03	5.81E-01	5.34E+00	1.71E-02	7.32E-04	7.57E-04	9.83E-04	3.17E-01	9.22E-02	2.41E-02	4.18E-05	4.88E-03	7.19E-03	1.46E-03	9.23E-04	1.64E-02	2.30E-02
2032-03-01	6	9.49E-01	3.12E+00	6.67E-03	4.12E+01	5.82E-02	5.86E-03	5.51E-01	5.26E+00	1.72E-02	7.31E-04	7.64E-04	1.00E-03	2.98E-01	9.16E-02	2.41E-02	4.17E-05	4.87E-03	7.16E-03	1.42E-03	8.82E-04	1.64E-02	2.36E-02
2032-04-01	6	9.28E-01	3.04E+00	5.42E-03	4.36E+01	5.63E-02	5.94E-03	4.31E-01	4.94E+00	1.74E-02	7.27E-04	7.95E-04	1.08E-03	2.20E-01	8.88E-02	2.41E-02	4.11E-05	4.84E-03	7.01E-03	1.25E-03	7.16E-04	1.63E-02	2.62E-02
2032-05-01	6	9.17E-01	2.53E+00	4.60E-03	4.30E+01	4.91E-02	5.22E-03	3.64E-01	4.17E+00	1.72E-02	6.33E-04	7.98E-04	1.05E-03	1.89E-01	7.26E-02	2.39E-02	3.57E-05	4.06E-03	5.93E-03	1.07E-03	6.30E-04	1.43E-02	2.77E-02
2032-06-01	6	8.79E-01	2.69E+00	2.53E-03	4.75E+01	4.95E-02	5.78E-03	1.60E-01	3.98E+00	1.78E-02	6.80E-04	8.41E-04	1.20E-03	4.61E-02	7.71E-02	2.40E-02	3.75E-05	4.47E-03	6.32E-03	8.41E-04	3.39E-04	1.54E-02	3.12E-02
2032-07-01	6	9.21E-01	2.45E+00	4.94E-03	4.36E+01	4.83E-02	5.12E-03	3.70E-01	4.08E+00	1.73E-02	6.25E-04	8.24E-04	1.07E-03	2.16E-01	6.93E-02	2.38E-02	3.53E-05	3.93E-03	5.75E-03	1.11E-03	6.87E-04	1.40E-02	2.83E-02
2032-08-01	6	9.24E-01	2.42E+00	5.07E-03	4.33E+01	4.80E-02	5.06E-03	3.87E-01	4.09E+00	1.72E-02	6.18E-04	8.21E-04	1.05E-03	2.25E-01	6.87E-02	2.38E-02	3.50E-05	3.88E-03	5.69E-03	1.12E-03	7.04E-04	1.39E-02	2.81E-02
2032-09-01	6	9.15E-01	2.50E+00	4.55E-03	4.47E+01	4.86E-02	5.26E-03	3.41E-01	4.10E+00	1.74E-02	6.36E-04	8.34E-04	1.10E-03	1.87E-01	7.11E-02	2.39E-02	3.58E-05	4.04E-03	5.86E-03	1.07E-03	6.28E-04	1.43E-02	2.91E-02
2032-10-01	6	9.12E-01	2.51E+00	4.36E-03	4.49E+01	4.86E-02	5.31E-03	3.29E-01	4.09E+00	1.74E-02	6.39E-04	8.34E-04	1.10E-03	1.74E-01	7.16E-02	2.39E-02	3.59E-05	4.07E-03	5.89E-03	1.05E-03	6.01E-04	1.44E-02	2.94E-02
2032-11-01	6	9.04E-01	2.56E+00	3.91E-03	4.59E+01	4.89E-02	5.45E-03	2.88E-01	4.08E+00	1.75E-02	6.51E-04	8.41E-04	1.13E-03	1.42E-01	7.32E-02	2.39E-02	3.64E-05	4.18E-03	6.01E-03	9.99E-04	5.36E-04	1.47E-02	3.00E-02
2032-12-01	6	8.98E-01	2.61E+00	3.60E-03	4.66E+01	4.92E-02	5.56E-03	2.57E-01	4.07E+00	1.76E-02	6.62E-04	8.48E-04	1.16E-03	1.20E-01	7.45E-02	2.39E-02	3.69E-05	4.27E-03	6.11E-03	9.66E-04	4.91E-04	1.49E-02	3.06E-02
2033-01-01	6	8.97E-01	2.65E+00	3.54E-03	4.74E+01	4.97E-02	5.66E-03	2.49E-01	4.12E+00	1.77E-02	6.73E-04	8.59E-04	1.18E-03	1.14E-01	7.57E-02	2.39E-02	3.75E-05	4.35E-03	6.19E-03	9.67E-04	4.81E-04	1.52E-02	3.10E-02
2033-02-01	7	8.96E-01	2.69E+00	3.54E-03	4.82E+01	5.03E-02	5.76E-03	2.46E-01	4.17E+00	1.78E-02	6.84E-04	8.73E-04	1.20E-03	1.12E-01	7.70E-02	2.40E-02	3.81E-05	4.43E-03	6.28E-03	9.76E-04	4.79E-04	1.54E-02	3.15E-02
2033-03-01	7	8.94E-01	2.70E+00	3.44E-03	4.83E+01	5.03E-02	5.79E-03	2.37E-01	4.17E+00	1.78E-02	6.86E-04	8.74E-04	1.21E-03	1.05E-01	7.73E-02	2.40E-02	3.82E-05	4.45E-03	6.30E-03	9.65E-04	4.65E-04	1.55E-02	3.17E-02
2033-04-01	7	8.87E-01	2.73E+00	3.03E-03	4.89E+01	5.04E-02	5.88E-03	1.99E-01	4.13E+00	1.79E-02	6.94E-04	8.76E-04	1.23E-03	7.73E-02	7.82E-02	2.40E-02	3.84E-05	4.53E-03	6.38E-03	9.19E-04	4.08E-04	1.57E-02	3.21E-02
2033-05-01	7	9.08E-01	2.46E+00	4.11E-03	4.43E+01	4.78E-02	5.21E-03	3.13E-01	4.01E+00	1.73E-02	6.26E-04	8.15E-04	1.09E-03	1.58E-01	7.02E-02	2.38E-02	3.51E-05	3.99E-03	5.79E-03	1.00E-03	5.64E-04	1.41E-02	2.89E-02
2033-06-01	7	8.77E-01	2.67E+00	2.41E-03	4.79E+01	4.92E-02	5.77E-03	1.48E-01	3.94E+00	1.78E-02	6.78E-04	8.45E-04	1.21E-03	3.89E-02	7.65E-02	2.40E-02	3.74E-05	4.46E-03	6.29E-03	8.25E-04	3.23E-04	1.54E-02	3.15E-02
2033-07-01	7	9.20E-01	2.44E+00	4.90E-03	4.38E+01	4.81E-02	5.12E-03	3.62E-01	4.08E+00	1.73E-02	6.24E-04	8.26E-04	1.08E-03	2.13E-01	6.89E-02	2.38E-02	3.53E-05	3.93E-03	5.74E-03	1.11E-03	6.80E-04	1.40E-02	2.84E-02
2033-08-01	7	9.23E-01	2.42E+00	5.05E-03	4.35E+01	4.79E-02	5.06E-03	3.81E-01	4.09E+00	1.72E-02	6.17E-04	8.22E-04	1.06E-03	2.24E-01	6.83E-02	2.38E-02	3.50E-05	3.87E-03	5.68E-03	1.12E-03	7.00E-04	1.39E-02	2.82E-02
2033-09-01	7	9.14E-01	2.49E+00	4.54E-03	4.48E+01	4.85E-02	5.26E-03	3.37E-01	4.10E+00	1.74E-02	6.35E-04	8.34E-04	1.10E-03	1.86E-01	7.08E-02	2.39E-02	3.58E-05	4.03E-03	5.85E-03	1.07E-03	6.25E-04	1.43E-02	2.91E-02
2033-10-01	7	9.11E-01	2.51E+00	4.36E-03	4.51E+01	4.85E-02	5.30E-03	3.25E-01	4.10E+00	1.74E-02	6.38E-04	8.34E-04	1.11E-03	1.74E-01	7.13E-02	2.39E-02	3.59E-05	4.06E-03	5.88E-03	1.04E-03	5.99E-04	1.44E-02	2.93E-02
2033-11-01	7	9.04E-01	2.56E+00	3.92E-03	4.60E+01	4.89E-02	5.44E-03	2.85E-01	4.09E+00	1.75E-02	6.51E-04	8.41E-04	1.14E-03	1.42E-01	7.29E-02	2.39E-02	3.64E-05	4.18E-03	6.00E-03	9.99E-04	5.35E-04	1.47E-02	3.00E-02
2033-12-01	7	8.98E-01	2.60E+00	3.60E-03	4.68E+01	4.92E-02	5.55E-03	2.55E-01	4.08E+00	1.76E-02	6.61E-04												

TMF_NE_POND 15ppm TSS																							
Date	Mine Year	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2037-07-01	11	8.72E-01	2.71E+00	2.14E-03	4.97E+01	4.97E-02	5.90E-03	1.18E-01	3.96E+00	1.80E-02	6.94E-04	8.60E-04	1.28E-03	1.81E-02	7.80E-02	2.40E-02	3.81E-05	4.60E-03	6.42E-03	8.06E-04	2.83E-04	1.57E-02	3.22E-02
2037-08-01	11	8.97E-01	2.53E+00	3.61E-03	4.67E+01	4.85E-02	5.43E-03	2.48E-01	4.05E+00	1.76E-02	6.48E-04	8.43E-04	1.17E-03	1.20E-01	7.23E-02	2.39E-02	3.61E-05	4.20E-03	6.00E-03	9.57E-04	4.89E-04	1.47E-02	2.99E-02
2037-09-01	11	8.94E-01	2.57E+00	3.47E-03	4.74E+01	4.88E-02	5.52E-03	2.37E-01	4.08E+00	1.77E-02	6.57E-04	8.50E-04	1.19E-03	1.09E-01	7.35E-02	2.39E-02	3.66E-05	4.27E-03	6.08E-03	9.45E-04	4.67E-04	1.49E-02	3.04E-02
2037-10-01	11	8.97E-01	2.54E+00	3.63E-03	4.70E+01	4.86E-02	5.45E-03	2.54E-01	4.08E+00	1.76E-02	6.50E-04	8.45E-04	1.18E-03	1.20E-01	7.27E-02	2.39E-02	3.62E-05	4.20E-03	6.01E-03	9.57E-04	4.88E-04	1.47E-02	3.01E-02
2037-11-01	11	8.93E-01	2.57E+00	3.39E-03	4.75E+01	4.88E-02	5.53E-03	2.34E-01	4.07E+00	1.77E-02	6.57E-04	8.48E-04	1.19E-03	1.03E-01	7.37E-02	2.39E-02	3.65E-05	4.27E-03	6.08E-03	9.33E-04	4.54E-04	1.49E-02	3.05E-02
2037-12-01	11	8.89E-01	2.61E+00	3.14E-03	4.82E+01	4.91E-02	5.64E-03	2.10E-01	4.07E+00	1.78E-02	6.68E-04	8.55E-04	1.22E-03	8.53E-02	7.50E-02	2.39E-02	3.71E-05	4.36E-03	6.18E-03	9.10E-04	4.19E-04	1.51E-02	3.10E-02
2038-01-01	11	8.88E-01	2.70E+00	3.13E-03	4.96E+01	5.02E-02	5.82E-03	2.04E-01	4.17E+00	1.79E-02	6.89E-04	8.79E-04	1.26E-03	8.14E-02	7.74E-02	2.40E-02	3.82E-05	4.51E-03	6.34E-03	9.26E-04	4.15E-04	1.56E-02	3.19E-02
2038-02-01	12	8.87E-01	2.70E+00	3.09E-03	4.97E+01	5.02E-02	5.83E-03	2.00E-01	4.17E+00	1.79E-02	6.90E-04	8.79E-04	1.26E-03	7.84E-02	7.75E-02	2.40E-02	3.82E-05	4.52E-03	6.35E-03	9.22E-04	4.09E-04	1.56E-02	3.20E-02
2038-03-01	12	8.86E-01	2.71E+00	3.02E-03	4.98E+01	5.02E-02	5.85E-03	1.94E-01	4.16E+00	1.79E-02	6.92E-04	8.80E-04	1.27E-03	7.37E-02	7.77E-02	2.40E-02	3.83E-05	4.54E-03	6.37E-03	9.14E-04	4.00E-04	1.57E-02	3.21E-02
2038-04-01	12	8.81E-01	2.73E+00	2.73E-03	5.02E+01	5.03E-02	5.92E-03	1.68E-01	4.12E+00	1.80E-02	6.98E-04	8.80E-04	1.28E-03	5.42E-02	7.85E-02	2.40E-02	3.86E-05	4.60E-03	6.43E-03	8.83E-04	3.60E-04	1.58E-02	3.24E-02
2038-05-01	12	9.04E-01	2.42E+00	4.00E-03	4.50E+01	4.73E-02	5.15E-03	2.90E-01	3.98E+00	1.74E-02	6.18E-04	8.16E-04	1.11E-03	1.48E-01	6.90E-02	2.38E-02	3.46E-05	3.96E-03	5.74E-03	9.78E-04	5.41E-04	1.40E-02	2.86E-02
2038-06-01	12	8.76E-01	2.63E+00	2.40E-03	4.86E+01	4.90E-02	5.73E-03	1.43E-01	3.93E+00	1.78E-02	6.76E-04	8.46E-04	1.25E-03	3.72E-02	7.59E-02	2.40E-02	3.72E-05	4.47E-03	6.27E-03	8.25E-04	3.19E-04	1.53E-02	3.14E-02
2038-07-01	12	8.72E-01	2.70E+00	2.14E-03	4.98E+01	4.96E-02	5.89E-03	1.18E-01	3.96E+00	1.80E-02	6.93E-04	8.60E-04	1.29E-03	1.81E-02	7.79E-02	2.40E-02	3.81E-05	4.60E-03	6.42E-03	8.06E-04	2.83E-04	1.57E-02	3.22E-02
2038-08-01	12	8.97E-01	2.53E+00	3.62E-03	4.69E+01	4.84E-02	5.42E-03	2.47E-01	4.03E+00	1.76E-02	6.48E-04	8.43E-04	1.18E-03	1.20E-01	7.22E-02	2.39E-02	3.61E-05	4.20E-03	6.00E-03	9.58E-04	4.89E-04	1.47E-02	2.99E-02
2038-09-01	12	8.94E-01	2.56E+00	3.48E-03	4.76E+01	4.88E-02	5.52E-03	2.36E-01	4.05E+00	1.77E-02	6.57E-04	8.50E-04	1.20E-03	1.09E-01	7.34E-02	2.39E-02	3.66E-05	4.27E-03	6.07E-03	9.46E-04	4.67E-04	1.49E-02	3.04E-02
2038-10-01	12	8.97E-01	2.54E+00	3.64E-03	4.71E+01	4.86E-02	5.45E-03	2.52E-01	4.06E+00	1.76E-02	6.50E-04	8.45E-04	1.18E-03	1.20E-01	7.26E-02	2.39E-02	3.62E-05	4.21E-03	6.01E-03	9.58E-04	4.88E-04	1.47E-02	3.00E-02
2038-11-01	12	8.93E-01	2.57E+00	3.41E-03	4.76E+01	4.88E-02	5.53E-03	2.32E-01	4.05E+00	1.77E-02	6.57E-04	8.48E-04	1.20E-03	1.03E-01	7.36E-02	2.39E-02	3.65E-05	4.27E-03	6.08E-03	9.34E-04	4.55E-04	1.49E-02	3.04E-02
2038-12-01	12	8.88E-01	2.60E+00	3.14E-03	4.82E+01	4.90E-02	5.62E-03	2.07E-01	4.04E+00	1.78E-02	6.67E-04	8.52E-04	1.22E-03	8.49E-02	7.47E-02	2.39E-02	3.70E-05	4.35E-03	6.16E-03	9.08E-04	4.18E-04	1.51E-02	3.09E-02
2039-01-01	12	8.66E-01	1.53E-01	2.24E-04	2.89E+00	1.65E-02	2.04E-04	9.71E-02	2.45E-01	1.29E-02	4.46E-05	2.30E-05	3.92E-05	2.10E-03	4.24E-03	2.28E-02	7.16E-07	1.69E-04	1.46E-03	3.45E-05	1.07E-04	1.29E-03	2.81E-03
2039-02-01	13	8.67E-01	3.13E-01	3.73E-04	4.77E+00	1.86E-02	5.14E-04	1.00E-01	4.73E-01	1.31E-02	8.11E-05	4.01E-05	8.91E-05	5.30E-03	8.87E-03	2.29E-02	8.13E-07	4.32E-04	1.77E-03	8.32E-05	1.21E-04	2.10E-03	3.82E-03
2039-03-01	13	8.70E-01	1.01E+00	1.02E-03	1.30E+01	2.77E-02	1.87E-03	1.14E-01	1.46E+00	1.41E-02	2.40E-04	1.14E-04	3.07E-04	1.92E-02	2.90E-02	2.32E-02	1.23E-06	1.58E-03	3.17E-03	2.96E-04	1.86E-04	5.62E-03	8.20E-03
2039-04-01	13	9.93E-01	2.36E+00	8.83E-03	2.99E+01	5.16E-02	4.34E-03	7.37E-01	3.90E+00	1.60E-02	5.87E-04	3.04E-04	7.20E-04	4.83E-01	7.07E-02	2.38E-02	2.57E-06	3.66E-03	5.80E-03	1.61E-03	1.24E-03	1.30E-02	1.77E-02
2039-05-01	13	9.09E-01	3.50E+00	4.82E-03	4.24E+01	6.18E-02	6.66E-03	2.98E-01	5.12E+00	1.75E-02	8.18E-04	3.90E-04	1.08E-03	1.68E-01	1.01E-01	2.43E-02	2.86E-06	5.66E-03	8.11E-03	1.26E-03	6.26E-04	1.83E-02	2.41E-02
2039-06-01	13	8.93E-01	3.79E+00	4.13E-03	4.56E+01	6.46E-02	7.24E-03	2.16E-01	5.45E+00E														

TMF_NE_POND 15ppm TSS																							
Date	Mine Year	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2043-01-01	16	9.65E-01	3.27E+00	7.74E-03	4.11E+01	6.14E-02	6.11E-03	6.23E-01	5.33E+00	1.72E-02	7.73E-04	3.92E-04	1.02E-03	3.64E-01	9.68E-02	2.42E-02	2.99E-06	5.14E-03	7.53E-03	1.60E-03	1.03E-03	1.72E-02	2.34E-02
2043-02-01	17	9.62E-01	3.30E+00	7.58E-03	4.15E+01	6.16E-02	6.17E-03	6.04E-01	5.35E+00	1.73E-02	7.79E-04	3.94E-04	1.03E-03	3.53E-01	9.76E-02	2.42E-02	2.99E-06	5.20E-03	7.60E-03	1.58E-03	1.01E-03	1.74E-02	2.36E-02
2043-03-01	17	9.47E-01	3.43E+00	6.86E-03	4.28E+01	6.26E-02	6.44E-03	5.22E-01	5.42E+00	1.75E-02	8.06E-04	4.01E-04	1.08E-03	3.01E-01	1.01E-01	2.43E-02	3.00E-06	5.45E-03	7.88E-03	1.51E-03	9.05E-04	1.80E-02	2.42E-02
2043-04-01	17	9.82E-01	2.84E+00	8.54E-03	3.64E+01	5.63E-02	5.16E-03	6.94E-01	5.08E+00	1.66E-02	6.73E-04	3.79E-04	8.69E-04	4.38E-01	8.26E-02	2.40E-02	2.96E-06	4.34E-03	6.59E-03	1.63E-03	1.17E-03	1.49E-02	2.04E-02
2043-05-01	17	9.09E-01	3.57E+00	4.88E-03	4.43E+01	6.26E-02	6.79E-03	3.01E-01	5.39E+00	1.77E-02	8.35E-04	4.07E-04	1.14E-03	1.67E-01	1.03E-01	2.44E-02	2.95E-06	5.79E-03	8.25E-03	1.28E-03	6.28E-04	1.87E-02	2.46E-02
2043-06-01	17	8.94E-01	3.79E+00	4.18E-03	4.66E+01	6.48E-02	7.24E-03	2.21E-01	5.54E+00	1.80E-02	8.82E-04	4.19E-04	1.22E-03	1.11E-01	1.10E-01	2.45E-02	2.99E-06	6.20E-03	8.72E-03	1.22E-03	5.21E-04	1.98E-02	2.59E-02
2043-07-01	17	8.89E-01	3.93E+00	4.00E-03	4.83E+01	6.64E-02	7.54E-03	1.94E-01	5.69E+00	1.82E-02	9.15E-04	4.31E-04	1.27E-03	9.35E-02	1.14E-01	2.45E-02	3.04E-06	6.45E-03	9.02E-03	1.23E-03	4.91E-04	2.05E-02	2.67E-02
2043-08-01	17	9.58E-01	3.35E+00	7.45E-03	4.24E+01	6.17E-02	6.21E-03	5.79E-01	5.61E+00	1.73E-02	7.83E-04	4.15E-04	1.04E-03	3.43E-01	9.77E-02	2.42E-02	3.10E-06	5.24E-03	7.64E-03	1.57E-03	9.88E-04	1.75E-02	2.36E-02
2043-09-01	17	9.83E-01	2.90E+00	8.62E-03	3.74E+01	5.71E-02	5.28E-03	7.07E-01	5.25E+00	1.67E-02	6.85E-04	3.89E-04	8.88E-04	4.39E-01	8.46E-02	2.40E-02	3.01E-06	4.42E-03	6.69E-03	1.64E-03	1.17E-03	1.52E-02	2.09E-02
2043-10-01	17	9.84E-01	2.86E+00	8.57E-03	3.70E+01	5.65E-02	5.20E-03	7.30E-01	5.24E+00	1.66E-02	6.72E-04	3.82E-04	8.70E-04	4.35E-01	8.40E-02	2.40E-02	2.97E-06	4.33E-03	6.59E-03	1.62E-03	1.16E-03	1.50E-02	2.08E-02
2043-11-01	17	9.67E-01	3.06E+00	7.59E-03	3.92E+01	5.82E-02	5.63E-03	6.52E-01	5.36E+00	1.69E-02	7.12E-04	3.87E-04	9.38E-04	3.60E-01	9.03E-02	2.41E-02	2.96E-06	4.70E-03	7.00E-03	1.52E-03	1.01E-03	1.59E-02	2.21E-02
2043-12-01	17	9.58E-01	3.15E+00	7.17E-03	4.01E+01	5.90E-02	5.83E-03	5.99E-01	5.39E+00	1.70E-02	7.33E-04	3.91E-04	9.72E-04	3.29E-01	9.27E-02	2.41E-02	2.96E-06	4.88E-03	7.21E-03	1.48E-03	9.49E-04	1.64E-02	2.26E-02
2044-01-01	17	9.54E-01	3.13E+00	6.97E-03	4.05E+01	5.87E-02	5.84E-03	5.81E-01	5.34E+00	1.71E-02	7.32E-04	3.93E-04	9.83E-04	3.17E-01	9.22E-02	2.41E-02	2.96E-06	4.88E-03	7.19E-03	1.46E-03	9.23E-04	1.64E-02	2.30E-02

TMF_NE_POND 30ppmTSS																						
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L
TMF NE Pond Statistics (Year 1 to Year 18)																						
Minimum		3.29	0.174	0.0863	0.00243	0.208	0.0135	0.000709	0.0000926	0.000001624	1.371627	1.50059E-05	0.0003614	0.003292	7.0427E-06	0.002748	0.000003913	1.872	0.000002734	0.0021997	0.02607348	0.002285
P10		92	5.553	2.2	0.0682	5.703	0.444	0.0249	0.00255	0.000006546	1.39546	1.51933E-05	0.0059504	0.010699	0.000009666	0.060758	0.000011715	15.823	0.000023971	0.0025746	0.0262053	0.004895
Median		105	6.38	2.46	0.0786	6.34	0.491	0.1065	0.00315	0.0000107	1.3978	0.0000553	0.0070804	0.011505	0.00627696	0.073858	0.000074371	19.223	0.000028541	0.0026055	0.0262785	0.005445
P90		116	6.987	2.93	0.08778	7.23	0.619	0.1237	0.004047	0.000011253	1.4042	0.00006238	0.0086504	0.0125	0.00824096	0.094378	0.000087411	21.123	0.000031041	0.0026347	0.026474	0.005965
Maximum		130	7.2	3.33	0.094	8.09	0.636	0.127	0.00418	0.00001144	1.4047	0.0000635	0.0098004	0.01299	0.01020696	0.097258	0.000102471	22.623	0.000032741	0.002687	0.026502	0.006415
Monthly Results																						
2027-02-01	1	3.29	0.17	0.0863	0.00243	0.208	0.0136	0.00307	9.26E-05	1.74E-06	1.37E+00	1.62E-05	3.61E-04	3.29E-03	2.70E-04	2.75E-03	6.32E-06	1.87E+00	2.73E-06	2.20E-03	2.61E-02	2.29E-03
2027-03-01	1	8.51	0.45	0.223	0.00628	0.539	0.035	0.00794	0.000239	2.13E-06	1.37E+00	1.81E-05	7.58E-04	3.71E-03	6.86E-04	6.21E-03	1.04E-05	2.74E+00	3.99E-06	2.22E-03	2.61E-02	2.46E-03
2027-04-01	1	31.3	1.65	0.82	0.0231	1.98	0.129	0.0292	0.00088	3.80E-06	1.38E+00	2.62E-05	2.49E-03	5.52E-03	2.51E-03	2.14E-02	2.80E-05	6.53E+00	9.48E-06	2.31E-03	2.61E-02	3.22E-03
2027-05-01	1	73.2	4.90	1.9	0.0547	4.99	0.351	0.0782	0.00207	8.87E-06	1.40E+00	4.45E-05	5.73E-03	9.99E-03	5.77E-03	4.97E-02	6.50E-05	1.53E+01	2.46E-05	2.51E-03	2.64E-02	4.85E-03
2027-06-01	1	112	6.15	2.93	0.0828	7.18	0.473	0.107	0.00315	1.02E-05	1.40E+00	5.60E-05	8.65E-03	1.22E-02	8.93E-03	7.51E-02	9.16E-05	2.04E+01	3.01E-05	2.63E-03	2.63E-02	5.96E-03
2027-07-01	1	122	6.50	3.19	0.0898	7.73	0.505	0.114	0.00342	1.06E-05	1.40E+00	5.89E-05	9.37E-03	1.28E-02	9.71E-03	8.14E-02	9.84E-05	2.17E+01	3.16E-05	2.66E-03	2.62E-02	6.25E-03
2027-08-01	1	96.2	6.17	2.5	0.0717	6.49	0.447	0.101	0.00272	1.08E-05	1.40E+00	5.32E-05	7.49E-03	1.18E-02	7.60E-03	6.48E-02	8.35E-05	1.92E+01	3.08E-05	2.60E-03	2.65E-02	5.65E-03
2027-09-01	1	96	6.34	2.49	0.0717	6.49	0.454	0.101	0.00271	1.08E-05	1.40E+00	5.31E-05	7.46E-03	1.20E-02	7.57E-03	6.50E-02	8.33E-05	1.94E+01	3.08E-05	2.60E-03	2.65E-02	5.64E-03
2027-10-01	1	92	6.25	2.39	0.0688	6.26	0.442	0.0979	0.0026	1.07E-05	1.40E+00	5.19E-05	7.16E-03	1.18E-02	7.24E-03	6.24E-02	8.04E-05	1.89E+01	3.02E-05	2.59E-03	2.65E-02	5.53E-03
2027-11-01	1	94	6.42	2.44	0.0703	6.35	0.451	0.0992	0.00265	1.07E-05	1.40E+00	5.23E-05	7.29E-03	1.21E-02	7.39E-03	6.38E-02	8.15E-05	1.92E+01	3.03E-05	2.59E-03	2.65E-02	5.57E-03
2027-12-01	1	101	6.54	2.64	0.0756	6.71	0.469	0.103	0.00285	1.06E-05	1.40E+00	5.40E-05	7.84E-03	1.24E-02	8.00E-03	6.87E-02	8.59E-05	2.00E+01	3.05E-05	2.61E-03	2.64E-02	5.74E-03
2028-01-01	1	104	6.55	2.71	0.0774	6.85	0.474	0.105	0.00293	1.06E-05	1.40E+00	5.46E-05	8.04E-03	1.25E-02	8.23E-03	7.04E-02	8.75E-05	2.02E+01	3.07E-05	2.62E-03	2.64E-02	5.81E-03
2028-02-01	2	105	6.56	2.73	0.0779	6.88	0.476	0.105	0.00294	1.06E-05	1.40E+00	5.48E-05	8.09E-03	1.25E-02	8.28E-03	7.07E-02	8.79E-05	2.03E+01	3.07E-05	2.62E-03	2.64E-02	5.83E-03
2028-03-01	2	106	6.57	2.75	0.0786	6.94	0.478	0.106	0.00297	1.06E-05	1.40E+00	5.51E-05	8.16E-03	1.25E-02	8.36E-03	7.14E-02	8.86E-05	2.04E+01	3.08E-05	2.62E-03	2.64E-02	5.85E-03
2028-04-01	2	110	6.61	2.87	0.0817	7.16	0.488	0.109	0.00309	1.07E-05	1.40E+00	5.62E-05	8.49E-03	1.26E-02	8.72E-03	7.39E-02	9.14E-05	2.08E+01	3.12E-05	2.63E-03	2.63E-02	5.97E-03
2028-05-01	2	91.7	6.18	2.37	0.0682	6.2	0.434	0.0967	0.00256	1.05E-05	1.40E+00	5.15E-05	7.10E-03	1.15E-02	7.19E-03	6.13E-02	7.94E-05	1.87E+01	2.95E-05	2.58E-03	2.65E-02	5.48E-03
2028-06-01	2	117	6.44	3.04	0.0859	7.45	0.491	0.111	0.00325	1.06E-05	1.40E+00	5.76E-05	8.96E-03	1.25E-02	9.25E-03	7.69E-02	9.49E-05	2.11E+01	3.12E-05	2.65E-03	2.63E-02	6.11E-03
2028-07-01	2	124	6.61	3.22	0.0909	7.83	0.511	0.116	0.00344	1.07E-05	1.40E+00	5.95E-05	9.48E-03	1.29E-02	9.82E-03	8.14E-02	9.96E-05	2.20E+01	3.20E-05	2.67E-03	2.62E-02	6.30E-03
2028-08-01	2	97.2	6.33	2.52	0.0722	6.55	0.451	0.102	0.00272	1.09E-05	1.40E+00	5.35E-05	7.52E-03	1.17E-02	7.64E-03	6.45E-02	8.37E-05	1.94E+01	3.08E-05	2.60E-03	2.65E-02	5.66E-03
2028-09-01	2	97	6.54	2.51	0.0721	6.54	0.457	0.102	0.0027	1.09E-05	1.40E+00	5.34E-05	7.49E-03	1.19E-02	7.60E-03	6.46E-02	8.35E-05	1.96E+01	3.08E-05	2.60E-03	2.65E-02	5.65E-03
2028-10-01	2	92.9	6.46	2.4	0.0691	6.3	0.444	0.0985	0.00259	1.07E-05	1.40E+00	5.21E-05	7.17E-03	1.17E-02	7.26E-03	6.19E-02	8.05E-05	1.90E+01	3.01E-05	2.59E-03	2.65E-02	5.53E-03
2028-11-01	2	94.5	6.64	2.44	0.0704	6.37	0.452	0.0995	0.00263	1.07E-05	1.40E+00	5.25E-05	7.28E-03	1.19E-02	7.38E-03	6.31E-02	8.13E-05	1.93E+01	3.01E-05	2.59E-03	2.65E-02	5.56E-03
2028-12-01	2	102	6.73	2.64	0.0756	6.72	0.469	0.103	0.00283	1.06E-05	1.40E+00	5.40E-05	7.82E-03	1.23E-02	7.99E-03	6.79E-02	8.56E-05	2.00E+01	3.04E-05	2.61E-03	2.64E-02	5.73E-03
2029-01-01	2	105	6.72	2.71	0.0775	6.86	0.475	0.105	0.0029	1.06E-05	1.40E+00	5.47E-05	8.02E-03	1.24E-02	8.21E-03	6.95E-02	8.73E-05	2.03E+01	3.06E-05	2.62E-03	2.64E-02	5.80E-03
2029-02-01	3	105	6.72	2.72	0.0779	6.89	0.476	0.105	0.00292	1.06E-05	1.40.											

TMF_NE_POND 30ppmTSS																						
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L
2032-01-01	5	100	7.14	2.54	0.0738	6.78	0.47	0.106	0.0027	1.05E-05	1.40E+00	5.51E-05	7.51E-03	1.18E-02	7.69E-03	6.39E-02	8.16E-05	2.06E+01	2.84E-05	2.59E-03	2.63E-02	5.55E-03
2032-02-01	6	101	7.08	2.55	0.0744	6.76	0.476	0.107	0.00276	1.06E-05	1.40E+00	5.54E-05	7.49E-03	1.18E-02	7.66E-03	6.53E-02	8.16E-05	2.04E+01	2.83E-05	2.59E-03	2.63E-02	5.54E-03
2032-03-01	6	102	6.99	2.55	0.0754	6.73	0.486	0.108	0.00286	1.06E-05	1.40E+00	5.59E-05	7.46E-03	1.18E-02	7.62E-03	6.76E-02	8.16E-05	2.02E+01	2.81E-05	2.59E-03	2.63E-02	5.52E-03
2032-04-01	6	106	6.61	2.56	0.0794	6.57	0.526	0.113	0.00325	1.07E-05	1.40E+00	5.79E-05	7.32E-03	1.17E-02	7.45E-03	7.67E-02	8.14E-05	1.91E+01	2.74E-05	2.60E-03	2.63E-02	5.45E-03
2032-05-01	6	97.5	5.72	2.2	0.0757	5.7	0.55	0.113	0.00348	1.07E-05	1.40E+00	5.81E-05	6.03E-03	1.08E-02	6.03E-03	8.21E-02	7.10E-05	1.64E+01	2.39E-05	2.57E-03	2.63E-02	4.92E-03
2032-06-01	6	109	5.46	2.44	0.0848	5.9	0.601	0.12	0.00403	1.08E-05	1.39E+00	6.09E-05	6.56E-03	1.12E-02	6.59E-03	9.49E-02	7.67E-05	1.59E+01	2.44E-05	2.61E-03	2.62E-02	5.10E-03
2032-07-01	6	97	5.51	2.15	0.076	5.64	0.567	0.116	0.00361	1.11E-05	1.40E+00	5.95E-05	5.82E-03	1.07E-02	5.78E-03	8.46E-02	7.00E-05	1.61E+01	2.38E-05	2.57E-03	2.63E-02	4.86E-03
2032-08-01	6	95.8	5.55	2.12	0.0752	5.6	0.564	0.116	0.00357	1.10E-05	1.40E+00	5.93E-05	5.74E-03	1.06E-02	5.70E-03	8.37E-02	6.92E-05	1.61E+01	2.37E-05	2.57E-03	2.63E-02	4.82E-03
2032-09-01	6	99.7	5.61	2.21	0.0781	5.71	0.579	0.118	0.00371	1.11E-05	1.40E+00	6.01E-05	5.96E-03	1.08E-02	5.93E-03	8.72E-02	7.14E-05	1.62E+01	2.40E-05	2.58E-03	2.63E-02	4.91E-03
2032-10-01	6	101	5.64	2.22	0.0786	5.72	0.582	0.118	0.00374	1.11E-05	1.40E+00	6.01E-05	6.00E-03	1.09E-02	5.97E-03	8.79E-02	7.17E-05	1.62E+01	2.40E-05	2.58E-03	2.63E-02	4.92E-03
2032-11-01	6	103	5.63	2.28	0.0806	5.79	0.591	0.119	0.00384	1.11E-05	1.40E+00	6.06E-05	6.16E-03	1.10E-02	6.14E-03	9.03E-02	7.32E-05	1.62E+01	2.42E-05	2.59E-03	2.62E-02	4.97E-03
2032-12-01	6	105	5.62	2.33	0.0823	5.85	0.598	0.12	0.00392	1.11E-05	1.40E+00	6.11E-05	6.29E-03	1.11E-02	6.28E-03	9.23E-02	7.45E-05	1.62E+01	2.44E-05	2.60E-03	2.62E-02	5.02E-03
2033-01-01	6	107	5.68	2.38	0.0837	5.93	0.607	0.122	0.00399	1.12E-05	1.40E+00	6.17E-05	6.39E-03	1.12E-02	6.39E-03	9.39E-02	7.57E-05	1.64E+01	2.47E-05	2.61E-03	2.62E-02	5.06E-03
2033-02-01	7	109	5.77	2.42	0.0852	6.03	0.618	0.124	0.00406	1.13E-05	1.40E+00	6.25E-05	6.51E-03	1.14E-02	6.51E-03	9.56E-02	7.69E-05	1.66E+01	2.51E-05	2.61E-03	2.62E-02	5.11E-03
2033-03-01	7	110	5.75	2.43	0.0855	6.04	0.619	0.124	0.00408	1.13E-05	1.40E+00	6.26E-05	6.54E-03	1.14E-02	6.54E-03	9.59E-02	7.72E-05	1.66E+01	2.51E-05	2.61E-03	2.62E-02	5.12E-03
2033-04-01	7	112	5.70	2.47	0.0869	6.07	0.624	0.125	0.00414	1.13E-05	1.40E+00	6.28E-05	6.64E-03	1.14E-02	6.66E-03	9.73E-02	7.82E-05	1.65E+01	2.51E-05	2.62E-03	2.62E-02	5.16E-03
2033-05-01	7	99.2	5.60	2.18	0.0772	5.59	0.571	0.115	0.00366	1.08E-05	1.40E+00	5.91E-05	5.88E-03	1.07E-02	5.86E-03	8.59E-02	7.03E-05	1.58E+01	2.34E-05	2.58E-03	2.63E-02	4.86E-03
2033-06-01	7	110	5.43	2.43	0.0852	5.88	0.606	0.12	0.00406	1.09E-05	1.39E+00	6.12E-05	6.53E-03	1.12E-02	6.55E-03	9.52E-02	7.65E-05	1.58E+01	2.43E-05	2.61E-03	2.62E-02	5.09E-03
2033-07-01	7	97.7	5.56	2.14	0.0761	5.64	0.569	0.117	0.00361	1.11E-05	1.40E+00	5.96E-05	5.80E-03	1.06E-02	5.76E-03	8.43E-02	6.99E-05	1.61E+01	2.38E-05	2.58E-03	2.63E-02	4.85E-03
2033-08-01	7	96.5	5.62	2.12	0.0753	5.6	0.565	0.116	0.00356	1.10E-05	1.40E+00	5.93E-05	5.73E-03	1.06E-02	5.68E-03	8.33E-02	6.92E-05	1.61E+01	2.36E-05	2.57E-03	2.63E-02	4.82E-03
2033-09-01	7	100	5.67	2.2	0.0781	5.71	0.58	0.118	0.0037	1.11E-05	1.40E+00	6.01E-05	5.95E-03	1.08E-02	5.92E-03	8.66E-02	7.13E-05	1.62E+01	2.40E-05	2.58E-03	2.63E-02	4.90E-03
2033-10-01	7	101	5.71	2.22	0.0787	5.72	0.582	0.118	0.00372	1.11E-05	1.40E+00	6.02E-05	5.99E-03	1.08E-02	5.96E-03	8.73E-02	7.17E-05	1.62E+01	2.40E-05	2.59E-03	2.63E-02	4.91E-03
2033-11-01	7	104	5.69	2.28	0.0806	5.79	0.591	0.119	0.00382	1.11E-05	1.40E+00	6.06E-05	6.15E-03	1.09E-02	6.13E-03	8.96E-02	7.31E-05	1.61E+01	2.42E-05	2.59E-03	2.62E-02	4.97E-03
2033-12-01	7	106	5.67	2.33	0.0823	5.85	0.599	0.12	0.0039	1.11E-05	1.40E+00	6.11E-05	6.28E-03	1.10E-02	6.27E-03	9.15E-02	7.44E-05	1.62E+01	2.44E-05	2.60E-03	2.62E-02	5.01E-03
2034-01-01	7	108	5.73	2.37	0.0837	5.93	0.608	0.122	0.00397	1.12E-05	1.40E+00	6.18E-05	6.39E-03	1.12E-02	6.38E-03	9.31E-02	7.56E-05	1.63E+01	2.47E-05	2.61E-03	2.62E-02	5.06E-03
2034-02-01	8	110	5.82	2.42	0.0853	6.04	0.618	0.124	0.00404	1.14E-05	1.40E+00	6.25E-05	6.51E-03	1.13E-02	6.50E-03	9.48E-02	7.69E-05	1.66E+01	2.51E-05	2.61E-03	2.62E-02	5.11E-03
2034-03-01	8	111	5.80	2.43	0.0856	6.05	0.62	0.124	0.00406	1.13E-05	1.40E+00	6.26E-05	6.53E-03	1.13E-02	6.54E-03	9.52E-02	7.72E-05	1.66E+01	2.51E-05	2.62E-03	2.62E-02	5.12E-03
2034-04-01	8	113	5.74	2.47	0.0869	6.07	0.624	0.125	0.00412	1.13E-05	1.40E+00	6.28E-05	6.64E-03	1.14E-02	6.65E-03	9.64E-02	7.82E-05	1.65E+01	2.51E-05	2.62E-03	2.62E-02	5.16E-03
2034-05-01	8	99.9	5.67	2.18	0.0773	5.6	0.571	0.115	0.00363	1.08E-05	1.40E+00	5.91E-05										

TMF_NE_POND 30ppmTSS																						
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2037-07-01	11	115	5.50	2.5	0.0875	5.99	0.619	0.123	0.00409	1.10E-05	1.39E+00	6.21E-05	6.70E-03	1.11E-02	6.73E-03	9.46E-02	7.83E-05	1.59E+01	2.47E-05	2.63E-03	2.62E-02	5.15E-03
2037-08-01	11	105	5.79	2.29	0.0808	5.81	0.591	0.12	0.00376	1.10E-05	1.40E+00	6.08E-05	6.15E-03	1.07E-02	6.14E-03	8.69E-02	7.30E-05	1.59E+01	2.39E-05	2.60E-03	2.62E-02	4.96E-03
2037-09-01	11	107	5.87	2.33	0.0821	5.87	0.599	0.121	0.00382	1.11E-05	1.40E+00	6.12E-05	6.25E-03	1.09E-02	6.24E-03	8.83E-02	7.40E-05	1.60E+01	2.41E-05	2.60E-03	2.62E-02	5.00E-03
2037-10-01	11	106	5.95	2.29	0.0811	5.83	0.594	0.12	0.00377	1.10E-05	1.40E+00	6.09E-05	6.16E-03	1.08E-02	6.15E-03	8.72E-02	7.31E-05	1.60E+01	2.40E-05	2.60E-03	2.62E-02	4.96E-03
2037-11-01	11	107	5.93	2.33	0.0823	5.87	0.599	0.121	0.00382	1.10E-05	1.40E+00	6.11E-05	6.25E-03	1.09E-02	6.25E-03	8.85E-02	7.40E-05	1.60E+01	2.41E-05	2.60E-03	2.62E-02	5.00E-03
2037-12-01	11	110	5.87	2.38	0.0838	5.92	0.606	0.122	0.0039	1.11E-05	1.40E+00	6.16E-05	6.38E-03	1.10E-02	6.38E-03	9.03E-02	7.53E-05	1.60E+01	2.43E-05	2.61E-03	2.62E-02	5.04E-03
2038-01-01	11	113	6.00	2.46	0.0865	6.1	0.625	0.125	0.00403	1.13E-05	1.40E+00	6.29E-05	6.59E-03	1.12E-02	6.60E-03	9.32E-02	7.76E-05	1.64E+01	2.50E-05	2.62E-03	2.62E-02	5.14E-03
2038-02-01	12	113	5.99	2.46	0.0867	6.1	0.625	0.125	0.00403	1.13E-05	1.40E+00	6.30E-05	6.60E-03	1.12E-02	6.61E-03	9.34E-02	7.77E-05	1.64E+01	2.50E-05	2.63E-03	2.62E-02	5.14E-03
2038-03-01	12	114	5.96	2.47	0.087	6.11	0.626	0.125	0.00405	1.13E-05	1.40E+00	6.30E-05	6.63E-03	1.12E-02	6.64E-03	9.37E-02	7.79E-05	1.64E+01	2.50E-05	2.63E-03	2.62E-02	5.15E-03
2038-04-01	12	115	5.85	2.5	0.0879	6.12	0.629	0.125	0.00409	1.13E-05	1.40E+00	6.31E-05	6.71E-03	1.13E-02	6.73E-03	9.46E-02	7.87E-05	1.64E+01	2.51E-05	2.63E-03	2.62E-02	5.18E-03
2038-05-01	12	100	5.97	2.16	0.0769	5.62	0.57	0.116	0.00355	1.08E-05	1.40E+00	5.93E-05	5.82E-03	1.05E-02	5.79E-03	8.20E-02	6.95E-05	1.55E+01	2.31E-05	2.58E-03	2.62E-02	4.82E-03
2038-06-01	12	112	5.53	2.43	0.0851	5.88	0.606	0.12	0.00396	1.09E-05	1.39E+00	6.12E-05	6.51E-03	1.09E-02	6.53E-03	9.14E-02	7.63E-05	1.57E+01	2.42E-05	2.62E-03	2.62E-02	5.08E-03
2038-07-01	12	115	5.51	2.5	0.0875	5.99	0.618	0.123	0.00407	1.10E-05	1.39E+00	6.21E-05	6.70E-03	1.11E-02	6.73E-03	9.40E-02	7.83E-05	1.58E+01	2.47E-05	2.63E-03	2.62E-02	5.15E-03
2038-08-01	12	106	5.85	2.29	0.0808	5.82	0.591	0.12	0.00374	1.10E-05	1.40E+00	6.08E-05	6.15E-03	1.07E-02	6.14E-03	8.64E-02	7.29E-05	1.58E+01	2.39E-05	2.60E-03	2.62E-02	4.96E-03
2038-09-01	12	108	5.92	2.33	0.0822	5.87	0.599	0.121	0.0038	1.11E-05	1.40E+00	6.12E-05	6.25E-03	1.08E-02	6.24E-03	8.78E-02	7.40E-05	1.59E+01	2.41E-05	2.60E-03	2.62E-02	5.00E-03
2038-10-01	12	106	6.02	2.29	0.0812	5.84	0.595	0.12	0.00375	1.10E-05	1.40E+00	6.09E-05	6.16E-03	1.08E-02	6.15E-03	8.67E-02	7.31E-05	1.59E+01	2.40E-05	2.60E-03	2.62E-02	4.96E-03
2038-11-01	12	108	5.99	2.33	0.0823	5.87	0.6	0.121	0.00381	1.10E-05	1.40E+00	6.11E-05	6.25E-03	1.08E-02	6.25E-03	8.80E-02	7.40E-05	1.59E+01	2.41E-05	2.60E-03	2.62E-02	5.00E-03
2038-12-01	12	110	5.90	2.37	0.0836	5.91	0.605	0.121	0.00387	1.10E-05	1.40E+00	6.14E-05	6.36E-03	1.09E-02	6.37E-03	8.95E-02	7.51E-05	1.59E+01	2.43E-05	2.61E-03	2.62E-02	5.04E-03
2039-01-01	12	3.29	0.17	0.0863	0.00243	0.208	0.0135	0.000709	0.0000926	1.62E-06	1.37E+00	1.50E-05	3.61E-04	3.29E-03	7.04E-06	2.75E-03	3.91E-06	1.87E+00	2.73E-06	2.20E-03	2.61E-02	2.29E-03
2039-02-01	13	8.51	0.45	0.223	0.00628	0.539	0.3035	0.00183	0.000239	1.82E-06	1.37E+00	1.50E-05	7.58E-04	3.71E-03	7.17E-06	6.21E-03	4.14E-06	2.74E+00	3.99E-06	2.22E-03	2.61E-02	2.46E-03
2039-03-01	13	31.3	1.65	0.82	0.0231	1.98	0.129	0.00674	0.00088	2.68E-06	1.38E+00	1.51E-05	2.49E-03	5.52E-03	7.75E-06	2.14E-02	5.12E-06	6.53E+00	9.48E-06	2.31E-03	2.61E-02	3.22E-03
2039-04-01	13	73.2	4.90	1.9	0.0547	4.99	0.351	0.0192	0.00207	5.92E-06	1.40E+00	1.51E-05	5.73E-03	9.99E-03	9.03E-06	4.97E-02	1.26E-05	1.53E+01	2.46E-05	2.51E-03	2.64E-02	4.85E-03
2039-05-01	13	112	6.15	2.93	0.0828	7.17	0.473	0.0249	0.00315	6.10E-06	1.40E+00	1.52E-05	8.65E-03	1.22E-02	9.83E-06	7.51E-02	9.89E-06	2.04E+01	3.00E-05	2.63E-03	2.63E-02	5.96E-03
2039-06-01	13	122	6.50	3.19	0.0898	7.73	0.505	0.0265	0.00342	6.22E-06	1.40E+00	1.52E-05	9.37E-03	1.28E-02	1.00E-05	8.14E-02	9.48E-06	2.17E+01	3.16E-05	2.66E-03	2.62E-02	6.25E-03
2039-07-01	13	96.2	6.17	2.5	0.0717	6.49	0.447	0.0243	0.00272	6.99E-06	1.40E+00	1.52E-05	7.49E-03	1.18E-02	9.63E-06	6.48E-02	1.43E-05	1.92E+01	3.08E-05	2.60E-03	2.65E-02	5.65E-03
2039-08-01	13	96	6.34	2.49	0.0717	6.49	0.454	0.0247	0.00271	7.01E-06	1.40E+00	1.52E-05	7.46E-03	1.20E-02	9.63E-06	6.50E-02	1.44E-05	1.94E+01	3.08E-05	2.60E-03	2.65E-02	5.64E-03
2039-09-01	13	92	6.25	2.39	0.0688	6.26	0.442	0.0241	0.0026	6.97E-06	1.40E+00	1.52E-05	7.15E-03	1.18E-02	9.54E-06	6.24E-02	1.46E-05	1.89E+01	3.02E-05	2.59E-03	2.65E-02	5.52E-03
2039-10-01	13	94	6.42	2.44	0.0703	6.35	0.451	0.0246	0.00265	6.92E-06	1.40E+00	1.52E-05	7.29E-03	1.21E-02	9.57E-06	6.38E-02	1.43E-05	1.92E+01	3.03E-05	2.59E-03	2.65E-02	5.57E-03
20392																						

TMF_NE_POND 30ppmTSS																						
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2043-01-01	16	104	7.05	2.67	0.0769	6.89	0.476	0.0258	0.00284	6.62E-06	1.40E+00	1.52E-05	7.91E-03	1.21E-02	9.77E-06	6.76E-02	1.22E-05	2.05E+01	3.00E-05	2.61E-03	2.64E-02	5.74E-03
2043-02-01	17	106	7.04	2.7	0.0777	6.94	0.478	0.0259	0.00287	6.61E-06	1.40E+00	1.52E-05	7.99E-03	1.22E-02	9.79E-06	6.82E-02	1.21E-05	2.06E+01	3.01E-05	2.62E-03	2.64E-02	5.77E-03
2043-03-01	17	110	6.99	2.83	0.0809	7.17	0.488	0.0262	0.00299	6.56E-06	1.40E+00	1.52E-05	8.35E-03	1.23E-02	9.86E-06	7.08E-02	1.16E-05	2.10E+01	3.06E-05	2.63E-03	2.63E-02	5.90E-03
2043-04-01	17	88.7	6.43	2.26	0.0658	6.3	0.435	0.0247	0.00243	6.65E-06	1.40E+00	1.52E-05	6.72E-03	1.10E-02	9.63E-06	5.68E-02	1.29E-05	1.95E+01	2.71E-05	2.56E-03	2.64E-02	5.26E-03
2043-05-01	17	117	6.51	3	0.0849	7.45	0.491	0.0262	0.00315	6.29E-06	1.40E+00	1.52E-05	8.83E-03	1.23E-02	9.96E-06	7.35E-02	1.01E-05	2.13E+01	3.06E-05	2.64E-03	2.63E-02	6.04E-03
2043-06-01	17	125	6.63	3.2	0.0904	7.82	0.511	0.0269	0.00336	6.29E-06	1.40E+00	1.52E-05	9.42E-03	1.27E-02	1.01E-05	7.83E-02	9.57E-06	2.19E+01	3.18E-05	2.67E-03	2.62E-02	6.27E-03
2043-07-01	17	130	6.79	3.33	0.094	8.09	0.527	0.0277	0.00349	6.38E-06	1.40E+00	1.52E-05	9.80E-03	1.30E-02	1.02E-05	8.14E-02	9.49E-06	2.26E+01	3.27E-05	2.69E-03	2.62E-02	6.42E-03
2043-08-01	17	107	7.15	2.72	0.0786	7.23	0.492	0.0272	0.00289	6.82E-06	1.40E+00	1.52E-05	8.05E-03	1.22E-02	9.95E-06	6.78E-02	1.22E-05	2.16E+01	3.02E-05	2.62E-03	2.64E-02	5.79E-03
2043-09-01	17	90.8	6.77	2.3	0.0674	6.47	0.448	0.0255	0.00248	6.75E-06	1.40E+00	1.52E-05	6.85E-03	1.12E-02	9.71E-06	5.80E-02	1.30E-05	2.01E+01	2.76E-05	2.57E-03	2.64E-02	5.32E-03
2043-10-01	17	89.3	6.94	2.26	0.0664	6.36	0.446	0.0253	0.00243	6.67E-06	1.40E+00	1.52E-05	6.72E-03	1.12E-02	9.66E-06	5.73E-02	1.29E-05	1.99E+01	2.71E-05	2.56E-03	2.64E-02	5.26E-03
2043-11-01	17	96.6	7.20	2.45	0.0715	6.64	0.464	0.0259	0.00261	6.54E-06	1.40E+00	1.52E-05	7.25E-03	1.17E-02	9.73E-06	6.19E-02	1.21E-05	2.04E+01	2.79E-05	2.58E-03	2.64E-02	5.45E-03
2043-12-01	17	100	7.14	2.54	0.0738	6.78	0.47	0.026	0.0027	6.51E-06	1.40E+00	1.52E-05	7.51E-03	1.18E-02	9.77E-06	6.39E-02	1.18E-05	2.06E+01	2.84E-05	2.59E-03	2.63E-02	5.55E-03
2044-01-01	17	101	7.08	2.55	0.0744	6.76	0.476	0.0261	0.00276	6.50E-06	1.40E+00	1.52E-05	7.49E-03	1.18E-02	9.79E-06	6.53E-02	1.17E-05	2.04E+01	2.82E-05	2.59E-03	2.63E-02	5.54E-03

TMF_NE_POND 30ppmTSS																							
Date	Mine Year	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
TMF NE Pond Statistics (Year 1 to Year																							
Minimum		1.731498	0.2054	0.00035411	4.594	0.03162	0.0002113	0.19219	0.3479	0.025639	0.000066	0.0000353	0.00004691	0.0021939	0.005557	0.0456447	1.3719E-06	0.00017153	0.002712	0.00003827	0.00020402	0.00207	0.004983
P10		1.75079	2.5374	0.00311931	39.114	0.0636	0.0052053	0.28559	4.1049	0.02952	0.0006555	0.0003979	0.00090751	0.0709939	0.072067	0.04665	0.000003641	0.00403753	0.007101	0.00091147	0.0004946	0.01506	0.02355
Median		1.7839	2.9894	0.00518531	44.714	0.07385	0.0057353	0.4562	5.0749	0.0301	0.0007364	0.0007691	0.00108551	0.2011839	0.088637	0.046825	0.000037511	0.00460953	0.008136	0.00128747	0.0007672	0.01666	0.02675
P90		1.872	3.5544	0.01024031	50.314	0.0783	0.0066653	0.9122	5.4949	0.030707	0.0008419	0.0008817	0.00124551	0.5411839	0.103637	0.04712	0.000045881	0.00566453	0.009361	0.00190747	0.0014947	0.01906	0.03385
Maximum		1.886	3.9844	0.01086031	52.314	0.0815	0.0075453	0.9842	5.7949	0.03091	0.0009369	0.0009026	0.00129551	0.5851839	0.115637	0.04733	0.000051411	0.00645453	0.010271	0.00198747	0.0015847	0.02126	3.50E-02
Monthly Results																							
2027-02-01	1	1.73E+00	2.05E-01	3.54E-04	4.59E+00	3.16E-02	2.11E-04	1.92E-01	3.49E-01	2.56E-02	6.60E-05	4.60E-05	4.69E-05	2.20E-03	5.56E-03	4.56E-02	2.60E-06	1.72E-04	2.71E-03	3.83E-05	2.04E-04	2.07E-03	4.98E-03
2027-03-01	1	1.73E+00	3.65E-01	5.03E-04	6.47E+00	3.37E-02	5.21E-04	1.95E-01	5.76E-01	2.59E-02	1.03E-04	7.99E-05	9.68E-05	5.39E-03	1.02E-02	4.57E-02	4.64E-06	4.36E-04	3.03E-03	8.70E-05	2.19E-04	2.88E-03	5.99E-03
2027-04-01	1	1.74E+00	1.06E+00	1.15E-03	1.47E+01	4.29E-02	1.88E-03	2.09E-01	1.56E+00	2.68E-02	2.62E-04	2.28E-04	3.15E-04	1.93E-02	3.03E-02	4.60E-02	1.36E-05	1.58E-03	4.42E-03	2.99E-04	2.83E-04	6.40E-03	1.04E-02
2027-05-01	1	1.86E+00	2.41E+00	8.96E-03	3.16E+01	6.67E-02	4.35E-03	8.32E-01	4.00E+00	2.87E-02	6.09E-04	5.82E-04	7.28E-04	4.83E-01	7.20E-02	4.66E-02	3.53E-05	3.66E-03	7.05E-03	1.63E-03	1.34E-03	1.38E-02	1.99E-02
2027-06-01	1	1.77E+00	3.55E+00	4.95E-03	4.42E+01	7.69E-02	6.67E-03	3.93E-01	5.22E+00	3.03E-02	8.40E-04	7.71E-04	1.09E-03	1.68E-01	1.03E-01	4.71E-02	4.64E-05	5.66E-03	9.36E-03	1.27E-03	7.25E-04	1.91E-02	2.63E-02
2027-07-01	1	1.76E+00	3.84E+00	4.26E-03	4.73E+01	7.97E-02	7.25E-03	3.12E-01	5.55E+00	3.06E-02	9.00E-04	8.22E-04	1.18E-03	1.10E-01	1.11E-01	4.73E-02	4.94E-05	6.15E-03	9.93E-03	1.22E-03	6.15E-04	2.05E-02	2.79E-02
2027-08-01	1	1.87E+00	3.12E+00	1.04E-02	4.00E+01	7.66E-02	5.71E-03	8.84E-01	5.01E+00	2.97E-02	7.78E-04	7.41E-04	9.50E-04	5.50E-01	9.19E-02	4.69E-02	4.50E-05	4.82E-03	8.46E-03	1.95E-03	1.51E-03	1.74E-02	2.42E-02
2027-09-01	1	1.88E+00	3.13E+00	1.06E-02	4.02E+01	7.69E-02	5.70E-03	9.40E-01	5.10E+00	2.97E-02	7.76E-04	7.41E-04	9.47E-04	5.59E-01	9.32E-02	4.69E-02	4.50E-05	4.80E-03	8.44E-03	1.97E-03	1.53E-03	1.74E-02	2.46E-02
2027-10-01	1	1.89E+00	3.01E+00	1.09E-02	3.89E+01	7.58E-02	5.46E-03	9.84E-01	4.99E+00	2.95E-02	7.51E-04	7.20E-04	9.09E-04	5.85E-01	9.01E-02	4.68E-02	4.37E-05	4.59E-03	8.20E-03	1.99E-03	1.58E-03	1.68E-02	2.40E-02
2027-11-01	1	1.88E+00	3.07E+00	1.06E-02	3.97E+01	7.62E-02	5.58E-03	9.76E-01	5.10E+00	2.96E-02	7.61E-04	7.27E-04	9.25E-04	5.57E-01	9.25E-02	4.69E-02	4.41E-05	4.69E-03	8.31E-03	1.95E-03	1.52E-03	1.71E-02	2.46E-02
2027-12-01	1	1.85E+00	3.28E+00	8.70E-03	4.18E+01	7.71E-02	6.03E-03	8.15E-01	5.27E+00	2.99E-02	7.96E-04	7.49E-04	9.92E-04	4.27E-01	9.83E-02	4.70E-02	4.54E-05	5.07E-03	8.73E-03	1.73E-03	1.26E-03	1.80E-02	2.57E-02
2028-01-01	1	1.84E+00	3.36E+00	8.17E-03	4.26E+01	7.75E-02	6.19E-03	7.55E-01	5.32E+00	3.00E-02	8.10E-04	7.59E-04	1.02E-03	3.89E-01	1.00E-01	4.70E-02	4.59E-05	5.21E-03	8.89E-03	1.67E-03	1.18E-03	1.83E-02	2.60E-02
2028-02-01	2	1.84E+00	3.37E+00	8.06E-03	4.28E+01	7.76E-02	6.23E-03	7.43E-01	5.33E+00	3.00E-02	8.13E-04	7.62E-04	1.03E-03	3.81E-01	1.00E-01	4.70E-02	4.61E-05	5.25E-03	8.93E-03	1.66E-03	1.17E-03	1.84E-02	2.61E-02
2028-03-01	2	1.83E+00	3.40E+00	7.89E-03	4.31E+01	7.78E-02	6.29E-03	7.23E-01	5.35E+00	3.01E-02	8.19E-04	7.66E-04	1.04E-03	3.68E-01	1.01E-01	4.70E-02	4.63E-05	5.30E-03	8.99E-03	1.64E-03	1.14E-03	1.85E-02	2.62E-02
2028-04-01	2	1.82E+00	3.52E+00	7.14E-03	4.44E+01	7.86E-02	6.55E-03	6.37E-01	5.43E+00	3.02E-02	8.42E-04	7.84E-04	1.08E-03	3.13E-01	1.04E-01	4.71E-02	4.73E-05	5.53E-03	9.25E-03	1.56E-03	1.03E-03	1.91E-02	2.68E-02
2028-05-01	2	1.87E+00	2.98E+00	1.02E-02	3.86E+01	7.47E-02	5.42E-03	9.13E-01	4.92E+00	2.95E-02	7.41E-04	7.11E-04	9.07E-04	5.41E-01	8.86E-02	4.68E-02	4.29E-05	4.56E-03	8.15E-03	1.89E-03	1.49E-03	1.66E-02	2.36E-02
2028-06-01	2	1.78E+00	3.68E+00	5.23E-03	4.59E+01	7.86E-02	6.91E-03	4.11E-01	5.43E+00	3.04E-02	8.70E-04	8.01E-04	1.14E-03	1.81E-01	1.07E-01	4.72E-02	4.81E-05	5.87E-03	9.61E-03	1.33E-03	7.58E-04	1.98E-02	2.71E-02
2028-07-01	2	1.76E+00	3.88E+00	4.36E-03	4.81E+01	8.03E-02	7.33E-03	3.18E-01	5.62E+00	3.07E-02	9.11E-04	8.32E-04	1.21E-03	1.14E-01	1.13E-01	4.73E-02	5.00E-05	6.23E-03	1.00E-02	1.24E-03	6.27E-04	2.07E-02	2.82E-02
2028-08-01	2	1.87E+00	3.13E+00	1.04E-02	4.03E+01	7.67E-02	5.74E-03	8.71E-01	5.07E+00	2.97E-02	7.80E-04	7.47E-04	9.63										

TMF_NE_POND 30ppmTSS																							
Date	Mine Year	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2032-01-01	5	1.82E+00	3.20E+00	7.30E-03	4.18E+01	7.41E-02	5.84E-03	6.95E-01	5.49E+00	2.98E-02	7.55E-04	7.65E-04	9.80E-04	3.29E-01	9.40E-02	4.69E-02	4.25E-05	4.88E-03	8.46E-03	1.49E-03	1.05E-03	1.72E-02	2.48E-02
2032-02-01	6	1.82E+00	3.19E+00	7.10E-03	4.22E+01	7.38E-02	5.85E-03	6.76E-01	5.44E+00	2.98E-02	7.54E-04	7.70E-04	9.91E-04	3.17E-01	9.35E-02	4.69E-02	4.24E-05	4.88E-03	8.44E-03	1.47E-03	1.02E-03	1.72E-02	2.52E-02
2032-03-01	6	1.81E+00	3.17E+00	6.80E-03	4.29E+01	7.33E-02	5.87E-03	6.46E-01	5.36E+00	2.99E-02	7.53E-04	7.77E-04	1.01E-03	2.98E-01	9.29E-02	4.69E-02	4.23E-05	4.87E-03	8.41E-03	1.43E-03	9.80E-04	1.72E-02	2.58E-02
2032-04-01	6	1.79E+00	3.09E+00	5.55E-03	4.53E+01	7.14E-02	5.95E-03	5.26E-01	5.04E+00	3.01E-02	7.49E-04	8.08E-04	1.09E-03	2.20E-01	9.01E-02	4.69E-02	4.17E-05	4.84E-03	8.26E-03	1.26E-03	8.14E-04	1.71E-02	2.84E-02
2032-05-01	6	1.78E+00	2.58E+00	4.73E-03	4.47E+01	6.42E-02	5.23E-03	4.59E-01	4.27E+00	3.00E-02	6.55E-04	8.11E-04	1.06E-03	1.89E-01	7.39E-02	4.67E-02	3.63E-05	4.06E-03	7.18E-03	1.08E-03	7.28E-04	1.51E-02	2.99E-02
2032-06-01	6	1.74E+00	2.74E+00	2.66E-03	4.92E+01	6.46E-02	5.79E-03	2.55E-01	4.08E+00	3.05E-02	7.02E-04	8.54E-04	1.21E-03	4.62E-02	7.84E-02	4.68E-02	3.81E-05	4.47E-03	7.57E-03	8.44E-04	4.37E-04	1.62E-02	3.34E-02
2032-07-01	6	1.79E+00	2.50E+00	5.07E-03	4.53E+01	6.34E-02	5.13E-03	4.65E-01	4.18E+00	3.00E-02	6.47E-04	8.37E-04	1.08E-03	2.16E-01	7.06E-02	4.66E-02	3.59E-05	3.93E-03	7.00E-03	1.12E-03	7.85E-04	1.48E-02	3.05E-02
2032-08-01	6	1.79E+00	2.47E+00	5.20E-03	4.50E+01	6.31E-02	5.07E-03	4.82E-01	4.19E+00	3.00E-02	6.40E-04	8.34E-04	1.06E-03	2.25E-01	7.00E-02	4.66E-02	3.56E-05	3.88E-03	6.94E-03	1.13E-03	8.02E-04	1.47E-02	3.03E-02
2032-09-01	6	1.78E+00	2.55E+00	4.68E-03	4.64E+01	6.37E-02	5.27E-03	4.36E-01	4.20E+00	3.01E-02	6.58E-04	8.47E-04	1.11E-03	1.87E-01	7.24E-02	4.67E-02	3.64E-05	4.04E-03	7.11E-03	1.08E-03	7.26E-04	1.51E-02	3.13E-02
2032-10-01	6	1.78E+00	2.56E+00	4.49E-03	4.66E+01	6.37E-02	5.32E-03	4.24E-01	4.19E+00	3.02E-02	6.61E-04	8.47E-04	1.11E-03	1.74E-01	7.29E-02	4.67E-02	3.65E-05	4.07E-03	7.14E-03	1.06E-03	6.99E-04	1.52E-02	3.16E-02
2032-11-01	6	1.77E+00	2.61E+00	4.04E-03	4.76E+01	6.40E-02	5.46E-03	3.83E-01	4.18E+00	3.03E-02	6.73E-04	8.54E-04	1.14E-03	1.42E-01	7.45E-02	4.67E-02	3.70E-05	4.18E-03	7.26E-03	1.00E-03	6.34E-04	1.55E-02	3.22E-02
2032-12-01	6	1.76E+00	2.66E+00	3.73E-03	4.83E+01	6.43E-02	5.57E-03	3.52E-01	4.17E+00	3.04E-02	6.84E-04	8.61E-04	1.17E-03	1.20E-01	7.58E-02	4.67E-02	3.75E-05	4.27E-03	7.36E-03	9.69E-04	5.89E-04	1.57E-02	3.28E-02
2033-01-01	6	1.76E+00	2.70E+00	3.67E-03	4.91E+01	6.48E-02	5.67E-03	3.44E-01	4.22E+00	3.05E-02	6.95E-04	8.72E-04	1.19E-03	1.14E-01	7.70E-02	4.67E-02	3.81E-05	4.35E-03	7.44E-03	9.70E-04	5.79E-04	1.60E-02	3.32E-02
2033-02-01	7	1.76E+00	2.74E+00	3.67E-03	4.99E+01	6.54E-02	5.77E-03	3.41E-01	4.27E+00	3.05E-02	7.06E-04	8.86E-04	1.21E-03	1.12E-01	7.83E-02	4.68E-02	3.87E-05	4.43E-03	7.53E-03	9.79E-04	5.77E-04	1.62E-02	3.37E-02
2033-03-01	7	1.76E+00	2.75E+00	3.57E-03	5.00E+01	6.54E-02	5.80E-03	3.32E-01	4.27E+00	3.06E-02	7.08E-04	8.87E-04	1.22E-03	1.05E-01	7.86E-02	4.68E-02	3.88E-05	4.45E-03	7.55E-03	9.68E-04	5.63E-04	1.63E-02	3.39E-02
2033-04-01	7	1.75E+00	2.78E+00	3.16E-03	5.06E+01	6.55E-02	5.89E-03	2.94E-01	4.23E+00	3.06E-02	7.16E-04	8.89E-04	1.24E-03	7.74E-02	7.95E-02	4.68E-02	3.90E-05	4.53E-03	7.63E-03	9.22E-04	5.06E-04	1.65E-02	3.43E-02
2033-05-01	7	1.77E+00	2.51E+00	4.24E-03	4.60E+01	6.29E-02	5.22E-03	4.08E-01	4.11E+00	3.01E-02	6.48E-04	8.28E-04	1.10E-03	1.58E-01	7.15E-02	4.66E-02	3.57E-05	3.99E-03	7.04E-03	1.01E-03	6.62E-04	1.49E-02	3.11E-02
2033-06-01	7	1.74E+00	2.72E+00	2.54E-03	4.96E+01	6.43E-02	5.78E-03	2.43E-01	4.04E+00	3.05E-02	7.00E-04	8.58E-04	1.22E-03	3.90E-02	7.78E-02	4.68E-02	3.80E-05	4.46E-03	7.54E-03	8.28E-04	4.21E-04	1.62E-02	3.37E-02
2033-07-01	7	1.79E+00	2.49E+00	5.03E-03	4.55E+01	6.32E-02	5.13E-03	4.57E-01	4.18E+00	3.00E-02	6.46E-04	8.39E-04	1.09E-03	2.13E-01	7.02E-02	4.66E-02	3.59E-05	3.93E-03	6.99E-03	1.12E-03	7.78E-04	1.48E-02	3.06E-02
2033-08-01	7	1.79E+00	2.47E+00	5.18E-03	4.52E+01	6.30E-02	5.07E-03	4.76E-01	4.19E+00	3.00E-02	6.39E-04	8.35E-04	1.07E-03	2.24E-01	6.96E-02	4.66E-02	3.56E-05	3.87E-03	6.93E-03	1.13E-03	7.98E-04	1.47E-02	3.04E-02
2033-09-01	7	1.78E+00	2.54E+00	4.67E-03	4.65E+01	6.36E-02	5.27E-03	4.32E-01	4.20E+00	3.01E-02	6.57E-04	8.47E-04	1.11E-03	1.86E-01	7.21E-02	4.67E-02	3.64E-05	4.03E-03	7.10E-03	1.08E-03	7.23E-04	1.51E-02	3.13E-02
2033-10-01	7	1.78E+00	2.56E+00	4.49E-03	4.68E+01	6.36E-02	5.31E-03	4.20E-01	4.20E+00	3.02E-02	6.60E-04	8.47E-04	1.12E-03	1.74E-01	7.26E-02	4.67E-02	3.65E-05	4.06E-03	7.13E-03	1.05E-03	6.97E-04	1.52E-02	3.15E-02
2033-11-01	7	1.77E+00	2.61E+00	4.05E-03	4.77E+01	6.40E-02	5.45E-03	3.80E-01	4.19E+00	3.03E-02	6.73E-04	8.54E-04	1.15E-03	1.42E-01	7.42E-02	4.67E-02	3.70E-05	4.18E-03	7.25E-03	1.00E-03	6.33E-04	1.55E-02	3.22E-02
2033-12-01	7	1.76E+00	2.65E+00	3.73E-03	4.85E+01	6.43E-02	5.56E-03	3.50E-01	4.18E+00	3.04E-02	6.83												

TMF_NE_POND 30ppmTSS																							
Date	Mine Year	Iron mg/L	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2037-07-01	11	1.74E+00	2.76E+00	2.27E-03	5.14E+01	6.48E-02	5.91E-03	2.13E-01	4.06E+00	3.07E-02	7.16E-04	8.73E-04	1.29E-03	1.82E-02	7.93E-02	4.68E-02	3.87E-05	4.60E-03	7.67E-03	8.09E-04	3.81E-04	1.65E-02	3.44E-02
2037-08-01	11	1.76E+00	2.58E+00	3.74E-03	4.84E+01	6.36E-02	5.44E-03	3.43E-01	4.15E+00	3.03E-02	6.70E-04	8.56E-04	1.18E-03	1.20E-01	7.36E-02	4.67E-02	3.67E-05	4.20E-03	7.25E-03	9.60E-04	5.87E-04	1.55E-02	3.21E-02
2037-09-01	11	1.76E+00	2.62E+00	3.60E-03	4.91E+01	6.39E-02	5.53E-03	3.32E-01	4.18E+00	3.04E-02	6.79E-04	8.63E-04	1.20E-03	1.09E-01	7.48E-02	4.67E-02	3.72E-05	4.27E-03	7.33E-03	9.48E-04	5.65E-04	1.57E-02	3.26E-02
2037-10-01	11	1.76E+00	2.59E+00	3.76E-03	4.87E+01	6.37E-02	5.46E-03	3.49E-01	4.18E+00	3.04E-02	6.72E-04	8.58E-04	1.19E-03	1.20E-01	7.40E-02	4.67E-02	3.68E-05	4.20E-03	7.26E-03	9.60E-04	5.86E-04	1.55E-02	3.23E-02
2037-11-01	11	1.76E+00	2.62E+00	3.52E-03	4.92E+01	6.39E-02	5.54E-03	3.29E-01	4.17E+00	3.04E-02	6.79E-04	8.61E-04	1.20E-03	1.03E-01	7.50E-02	4.67E-02	3.71E-05	4.27E-03	7.33E-03	9.36E-04	5.52E-04	1.57E-02	3.27E-02
2037-12-01	11	1.75E+00	2.66E+00	3.27E-03	4.99E+01	6.42E-02	5.65E-03	3.05E-01	4.17E+00	3.05E-02	6.90E-04	8.68E-04	1.23E-03	8.54E-02	7.63E-02	4.67E-02	3.77E-05	4.36E-03	7.43E-03	9.13E-04	5.17E-04	1.59E-02	3.32E-02
2038-01-01	11	1.75E+00	2.75E+00	3.26E-03	5.13E+01	6.53E-02	5.83E-03	2.99E-01	4.27E+00	3.07E-02	7.11E-04	8.92E-04	1.27E-03	8.15E-02	7.87E-02	4.68E-02	3.88E-05	4.51E-03	7.59E-03	9.29E-04	5.13E-04	1.64E-02	3.41E-02
2038-02-01	12	1.75E+00	2.75E+00	3.22E-03	5.14E+01	6.53E-02	5.84E-03	2.95E-01	4.27E+00	3.07E-02	7.12E-04	8.92E-04	1.27E-03	7.85E-02	7.88E-02	4.68E-02	3.88E-05	4.52E-03	7.60E-03	9.25E-04	5.07E-04	1.64E-02	3.42E-02
2038-03-01	12	1.75E+00	2.76E+00	3.15E-03	5.15E+01	6.53E-02	5.86E-03	2.89E-01	4.26E+00	3.07E-02	7.14E-04	8.93E-04	1.28E-03	7.38E-02	7.90E-02	4.68E-02	3.89E-05	4.54E-03	7.62E-03	9.17E-04	4.98E-04	1.65E-02	3.43E-02
2038-04-01	12	1.75E+00	2.78E+00	2.86E-03	5.19E+01	6.54E-02	5.93E-03	2.63E-01	4.22E+00	3.07E-02	7.20E-04	8.93E-04	1.29E-03	5.43E-02	7.98E-02	4.68E-02	3.92E-05	4.60E-03	7.68E-03	8.86E-04	4.58E-04	1.66E-02	3.46E-02
2038-05-01	12	1.77E+00	2.47E+00	4.13E-03	4.67E+01	6.24E-02	5.16E-03	3.85E-01	4.08E+00	3.01E-02	6.40E-04	8.29E-04	1.12E-03	1.48E-01	7.03E-02	4.66E-02	3.52E-05	3.96E-03	6.99E-03	9.81E-04	6.39E-04	1.48E-02	3.08E-02
2038-06-01	12	1.74E+00	2.68E+00	2.53E-03	5.03E+01	6.41E-02	5.74E-03	2.38E-01	4.03E+00	3.06E-02	6.98E-04	8.59E-04	1.26E-03	3.73E-02	7.72E-02	4.68E-02	3.78E-05	4.47E-03	7.52E-03	8.28E-04	4.17E-04	1.61E-02	3.36E-02
2038-07-01	12	1.74E+00	2.75E+00	2.27E-03	5.15E+01	6.47E-02	5.90E-03	2.13E-01	4.06E+00	3.07E-02	7.15E-04	8.73E-04	1.30E-03	1.82E-02	7.92E-02	4.68E-02	3.87E-05	4.60E-03	7.67E-03	8.09E-04	3.81E-04	1.65E-02	3.44E-02
2038-08-01	12	1.76E+00	2.58E+00	3.75E-03	4.86E+01	6.35E-02	5.43E-03	3.42E-01	4.13E+00	3.03E-02	6.70E-04	8.56E-04	1.19E-03	1.20E-01	7.35E-02	4.67E-02	3.67E-05	4.20E-03	7.25E-03	9.61E-04	5.87E-04	1.55E-02	3.21E-02
2038-09-01	12	1.76E+00	2.61E+00	3.61E-03	4.93E+01	6.39E-02	5.53E-03	3.31E-01	4.15E+00	3.04E-02	6.79E-04	8.63E-04	1.21E-03	1.09E-01	7.47E-02	4.67E-02	3.72E-05	4.27E-03	7.32E-03	9.49E-04	5.65E-04	1.57E-02	3.26E-02
2038-10-01	12	1.76E+00	2.59E+00	3.77E-03	4.88E+01	6.37E-02	5.46E-03	3.47E-01	4.16E+00	3.04E-02	6.72E-04	8.58E-04	1.19E-03	1.20E-01	7.39E-02	4.67E-02	3.68E-05	4.21E-03	7.26E-03	9.61E-04	5.86E-04	1.55E-02	3.22E-02
2038-11-01	12	1.76E+00	2.62E+00	3.54E-03	4.93E+01	6.39E-02	5.54E-03	3.27E-01	4.15E+00	3.04E-02	6.79E-04	8.61E-04	1.21E-03	1.03E-01	7.49E-02	4.67E-02	3.71E-05	4.27E-03	7.33E-03	9.37E-04	5.53E-04	1.57E-02	3.26E-02
2038-12-01	12	1.75E+00	2.65E+00	3.27E-03	4.99E+01	6.41E-02	5.63E-03	3.02E-01	4.14E+00	3.05E-02	6.89E-04	8.65E-04	1.23E-03	8.50E-02	7.60E-02	4.67E-02	3.76E-05	4.35E-03	7.41E-03	9.11E-04	5.16E-04	1.59E-02	3.31E-02
2039-01-01	12	1.73E+00	2.05E-01	3.54E-04	4.59E+00	3.16E-02	2.11E-04	1.92E-01	3.48E-01	2.56E-02	6.60E-05	3.53E-05	4.69E-05	2.19E-03	5.56E-03	4.56E-02	1.37E-06	1.72E-04	2.71E-03	3.83E-05	2.04E-04	2.07E-03	4.98E-03
2039-02-01	13	1.73E+00	3.65E-01	5.03E-04	6.47E+00	3.37E-02	5.21E-04	1.95E-01	5.76E-01	2.59E-02	1.03E-04	5.24E-05	9.68E-05	5.39E-03	1.02E-02	4.57E-02	1.47E-06	4.35E-04	3.03E-03	8.70E-05	2.19E-04	2.88E-03	5.99E-03
2039-03-01	13	1.74E+00	1.06E+00	1.15E-03	1.47E+01	4.28E-02	1.88E-03	2.09E-01	1.56E+00	2.68E-02	2.62E-04	1.27E-04	3.15E-04	1.93E-02	3.03E-02	4.60E-02	1.89E-06	1.58E-03	4.42E-03	2.99E-04	2.83E-04	6.40E-03	1.04E-02
2039-04-01	13	1.86E+00	2.41E+00	8.96E-03	3.16E+01	6.67E-02	4.35E-03	8.32E-01	4.00E+00	2.87E-02	6.09E-04	3.17E-04	7.28E-04	4.83E-01	7.20E-02	4.66E-02	3.22E-06	3.66E-03	7.05E-03	1.62E-03	1.33E-03	1.38E-02	1.99E-02
2039-05-01	13	1.77E+00	3.55E+00	4.95E-03	4.41E+01	7.69E-02	6.67E-03	3.93E-01	5.22E+00	3.03E-02	8.40E-04	4.03E-04	1.09E-03	1.68E-01	1.03E-01	4.71E-02	3.51E-06	5.66E-03	9.36E-03	1.27E-03	7.24E-04	1.91E-02	2.63E-02
2039-06-01	13	1.76E+00	3.84E+00	4.26E-03	4.73E+01	7.97E-02	7.25E-03	3.11E-01	5.55E+00	3.06E-02	9.00E-04	4.26E-04	1.18E-03	1.10E-01	1.11E-01	4.73E-02	3.60E-06	6.15E-03	9.93E-03E				

TMF_NE_POND 30ppmTSS																							
Date	Mine Year	Iron	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2043-01-01	16	1.83E+00	3.32E+00	7.87E-03	4.28E+01	7.65E-02	6.12E-03	7.18E-01	5.43E+00	3.00E-02	7.95E-04	4.05E-04	1.03E-03	3.64E-01	9.81E-02	4.70E-02	3.64E-06	5.14E-03	8.78E-03	1.61E-03	1.13E-03	1.80E-02	2.56E-02
2043-02-01	17	1.83E+00	3.35E+00	7.71E-03	4.32E+01	7.67E-02	6.18E-03	6.99E-01	5.45E+00	3.00E-02	8.01E-04	4.07E-04	1.04E-03	3.53E-01	9.89E-02	4.70E-02	3.64E-06	5.20E-03	8.85E-03	1.59E-03	1.11E-03	1.82E-02	2.58E-02
2043-03-01	17	1.81E+00	3.48E+00	6.99E-03	4.45E+01	7.77E-02	6.45E-03	6.17E-01	5.52E+00	3.02E-02	8.28E-04	4.14E-04	1.09E-03	3.01E-01	1.02E-01	4.71E-02	3.65E-06	5.45E-03	9.13E-03	1.52E-03	1.00E-03	1.88E-02	2.64E-02
2043-04-01	17	1.85E+00	2.89E+00	8.67E-03	3.81E+01	7.14E-02	5.17E-03	7.89E-01	5.18E+00	2.94E-02	6.95E-04	3.92E-04	8.77E-04	4.38E-01	8.39E-02	4.68E-02	3.61E-06	4.34E-03	7.84E-03	1.64E-03	1.26E-03	1.57E-02	2.26E-02
2043-05-01	17	1.77E+00	3.62E+00	5.01E-03	4.60E+01	7.77E-02	6.80E-03	3.96E-01	5.49E+00	3.04E-02	8.57E-04	4.20E-04	1.15E-03	1.67E-01	1.05E-01	4.72E-02	3.60E-06	5.79E-03	9.50E-03	1.29E-03	7.26E-04	1.95E-02	2.68E-02
2043-06-01	17	1.76E+00	3.84E+00	4.31E-03	4.83E+01	7.99E-02	7.25E-03	3.16E-01	5.64E+00	3.07E-02	9.04E-04	4.32E-04	1.23E-03	1.11E-01	1.12E-01	4.73E-02	3.64E-06	6.20E-03	9.97E-03	1.23E-03	6.19E-04	2.06E-02	2.81E-02
2043-07-01	17	1.75E+00	3.98E+00	4.13E-03	5.00E+01	8.15E-02	7.55E-03	2.89E-01	5.79E+00	3.09E-02	9.37E-04	4.44E-04	1.28E-03	9.36E-02	1.16E-01	4.73E-02	3.69E-06	6.45E-03	1.03E-02	1.24E-03	5.89E-04	2.13E-02	2.89E-02
2043-08-01	17	1.82E+00	3.40E+00	7.58E-03	4.41E+01	7.68E-02	6.22E-03	6.74E-01	5.71E+00	3.01E-02	8.05E-04	4.28E-04	1.05E-03	3.43E-01	9.90E-02	4.70E-02	3.75E-06	5.24E-03	8.89E-03	1.58E-03	1.09E-03	1.83E-02	2.58E-02
2043-09-01	17	1.85E+00	2.95E+00	8.75E-03	3.91E+01	7.22E-02	5.29E-03	8.02E-01	5.35E+00	2.94E-02	7.07E-04	4.02E-04	8.96E-04	4.39E-01	8.59E-02	4.68E-02	3.66E-06	4.42E-03	7.94E-03	1.65E-03	1.26E-03	1.60E-02	2.31E-02
2043-10-01	17	1.85E+00	2.91E+00	8.70E-03	3.87E+01	7.16E-02	5.21E-03	8.25E-01	5.34E+00	2.94E-02	6.94E-04	3.95E-04	8.78E-04	4.35E-01	8.53E-02	4.68E-02	3.62E-06	4.33E-03	7.84E-03	1.63E-03	1.25E-03	1.58E-02	2.30E-02
2043-11-01	17	1.83E+00	3.11E+00	7.72E-03	4.09E+01	7.33E-02	5.64E-03	7.47E-01	5.46E+00	2.97E-02	7.34E-04	4.00E-04	9.46E-04	3.60E-01	9.16E-02	4.69E-02	3.61E-06	4.70E-03	8.25E-03	1.53E-03	1.11E-03	1.67E-02	2.43E-02
2043-12-01	17	1.82E+00	3.20E+00	7.30E-03	4.18E+01	7.41E-02	5.84E-03	6.94E-01	5.49E+00	2.98E-02	7.55E-04	4.04E-04	9.80E-04	3.29E-01	9.40E-02	4.69E-02	3.61E-06	4.88E-03	8.46E-03	1.49E-03	1.05E-03	1.72E-02	2.48E-02
2044-01-01	17	1.82E+00	3.18E+00	7.10E-03	4.22E+01	7.38E-02	5.85E-03	6.76E-01	5.44E+00	2.98E-02	7.54E-04	4.06E-04	9.91E-04	3.17E-01	9.35E-02	4.69E-02	3.61E-06	4.88E-03	8.44E-03	1.47E-03	1.02E-03	1.72E-02	2.52E-02

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
Pond 3 Statistics (Year 4 to Year 42)																							
Minimum		22.6	11.5	2.41	0.000519	0.0733	0.00382	0.0137	0.00203	0.00000334	0.473	0.000005114	0.0006558	0.02031	0.00000392	0.000405	0.000005337	1.15	0.000008227	0.000849	0.008792	0.002025	0.592
P10		40.56	20.66	4.522	0.003816	0.00000412	0.00339	0.0206	0.003816	0.00000412	0.475	0.000005172	0.0011568	0.02471	0.00000473	0.0005566	0.000005427	1.461	0.000014147	0.0009446	0.008793	0.003081	0.592
Median		83.5	42.5	9.56	0.097	13.7	0.0981	0.0207	0.00807	0.00000413	0.476	0.000005172	0.0022568	0.02701	0.00000473	0.000899	0.000005437	2.031	0.000026847	0.00116	0.008793	0.005495	0.592
P90		101	51.3	11.3	0.121	17	0.122	0.0208	0.00956	0.00000415	0.476	0.000005173	0.0027208	0.04585	0.00000475	0.0011444	0.000005477	2.281	0.000032147	0.001249	0.008794	0.006485	0.5921
Maximum		102	52	11.6	0.122	17.3	0.123	0.0209	0.00981	0.00000416	0.476	0.000005174	0.0027868	0.08171	0.00000476	0.001206	0.000005777	2.301	0.000032547	0.001255	0.008847	0.006555	0.6194
Monthly Results																							
2027-01-01	1	12.7	6.50	1.4	0.00733	1.04	0.00951	0.018	0.00118	3.87E-06	4.75E-01	5.15E-06	4.26E-04	1.07E-01	4.42E-06	3.39E-04	5.73E-06	1.11E+00	5.94E-06	8.04E-04	8.82E-03	1.51E-03	6.06E-01
2027-02-01	1	13	6.64	1.43	0.00778	1.1	0.00992	0.018	0.00121	3.87E-06	4.75E-01	5.15E-06	4.31E-04	1.06E-01	4.42E-06	3.40E-04	5.71E-06	1.11E+00	5.99E-06	8.05E-04	8.82E-03	1.52E-03	6.05E-01
2027-03-01	1	13.4	6.85	1.48	0.00846	1.19	0.0105	0.0181	0.00125	3.86E-06	4.75E-01	5.15E-06	4.40E-04	1.04E-01	4.43E-06	3.41E-04	5.67E-06	1.11E+00	6.08E-06	8.07E-04	8.82E-03	1.55E-03	6.04E-01
2027-04-01	1	14.8	7.57	1.66	0.0109	1.53	0.0127	0.0181	0.0014	3.83E-06	4.74E-01	5.15E-06	4.68E-04	9.56E-02	4.43E-06	3.45E-04	5.53E-06	1.12E+00	6.37E-06	8.14E-04	8.81E-03	1.62E-03	6.02E-01
2027-05-01	1	16.6	8.47	1.88	0.014	1.97	0.0155	0.018	0.00158	3.76E-06	4.74E-01	5.15E-06	5.03E-04	8.39E-02	4.42E-06	3.49E-04	5.31E-06	1.12E+00	6.71E-06	8.21E-04	8.80E-03	1.72E-03	5.98E-01
2027-06-01	1	16.8	8.57	1.9	0.0143	2.02	0.0158	0.018	0.00161	3.76E-06	4.74E-01	5.15E-06	5.06E-04	8.27E-02	4.42E-06	3.50E-04	5.28E-06	1.12E+00	6.75E-06	8.22E-04	8.80E-03	1.73E-03	5.97E-01
2027-07-01	1	16.9	8.61	1.91	0.0144	2.03	0.0159	0.0181	0.00161	3.77E-06	4.74E-01	5.15E-06	5.09E-04	8.30E-02	4.43E-06	3.50E-04	5.30E-06	1.13E+00	6.78E-06	8.23E-04	8.80E-03	1.74E-03	5.97E-01
2027-08-01	1	16.9	8.64	1.92	0.0144	2.04	0.016	0.0181	0.00162	3.78E-06	4.74E-01	5.15E-06	5.10E-04	8.33E-02	4.44E-06	3.51E-04	5.31E-06	1.13E+00	6.80E-06	8.23E-04	8.80E-03	1.74E-03	5.98E-01
2027-09-01	1	17	8.68	1.93	0.0145	2.05	0.016	0.0182	0.00163	3.79E-06	4.74E-01	5.15E-06	5.12E-04	8.37E-02	4.44E-06	3.52E-04	5.33E-06	1.13E+00	6.83E-06	8.23E-04	8.80E-03	1.74E-03	5.98E-01
2027-10-01	1	16.9	8.60	1.91	0.0144	2.03	0.0159	0.0181	0.00161	3.77E-06	4.74E-01	5.15E-06	5.08E-04	8.30E-02	4.43E-06	3.50E-04	5.30E-06	1.12E+00	6.77E-06	8.23E-04	8.80E-03	1.74E-03	5.97E-01
2027-11-01	1	16.8	8.56	1.9	0.0143	2.02	0.0158	0.018	0.0016	3.75E-06	4.74E-01	5.15E-06	5.06E-04	8.26E-02	4.42E-06	3.49E-04	5.28E-06	1.12E+00	6.74E-06	8.22E-04	8.80E-03	1.73E-03	5.97E-01
2027-12-01	1	16.7	8.54	1.89	0.0143	2.02	0.0158	0.0179	0.0016	3.74E-06	4.74E-01	5.15E-06	5.05E-04	8.24E-02	4.41E-06	3.49E-04	5.27E-06	1.12E+00	6.73E-06	8.22E-04	8.80E-03	1.72E-03	5.97E-01
2028-01-01	2	16.7	8.54	1.9	0.0143	2.02	0.0158	0.0179	0.0016	3.74E-06	4.74E-01	5.15E-06	5.05E-04	8.24E-02	4.41E-06	3.49E-04	5.27E-06	1.12E+00	6.73E-06	8.22E-04	8.80E-03	1.72E-03	5.97E-01
2028-02-01	2	16.7	8.53	1.89	0.0143	2.02	0.0158	0.0182	0.00159	3.78E-06	4.74E-01	5.15E-06	5.05E-04	8.48E-02	4.44E-06	3.51E-04	5.29E-06	1.13E+00	6.70E-06	8.22E-04	8.80E-03	1.73E-03	5.97E-01
2028-03-01	2	16.7	8.53	1.88	0.0143	2.02	0.0157	0.0186	0.00158	3.83E-06	4.74E-01	5.16E-06	5.06E-04	8.84E-02	4.49E-06	3.54E-04	5.31E-06	1.15E+00	6.67E-06	8.21E-04	8.80E-03	1.72E-03	5.96E-01
2028-04-01	2	16.7	8.49	1.84	0.0142	2.01	0.0155	0.0197	0.00155	4.00E-06	4.75E-01	5.16E-06	5.08E-04	9.93E-02	4.62E-06	3.62E-04	5.39E-06	1.20E+00	6.54E-06	8.20E-04	8.80E-03	1.70E-03	5.94E-01
2028-05-01	2	16.5	8.39	1.79	0.0141	2	0.0152	0.0206	0.00151	4.12E-06	4.75E-01	5.17E-06	5.07E-04	1.09E-01	4.73E-06	3.68E-04	5.43E-06	1.25E+00	6.38E-06	8.18E-04	8.79E-03	1.69E-03	5.92E-01
2028-06-01	2	16.5	8.39	1.78	0.0141	2	0.0152	0.0207	0.0015	4.13E-06	4.75E-01	5.17E-06	5.07E-04	1.09E-01	4.73E-06	3.68E-04	5.44E-06	1.25E+00	6.37E-06	8.18E-04	8.79E-03	1.68E-03	5.92E-01
2028-07-01	2	16.6	8.41	1.79	0.0142	2	0.0153	0.0208	0.00151	4.14E-06	4.75E-01	5.17E-06	5.08E-04	1.10E-01	4.74E-06	3.69E-04	5.45E-06	1.25E+00	6.39E-06	8.18E-04	8.79E-03	1.69E-03	5.92E-01
2028-08-01	2	16.6	8.44	1.8	0.0142	2.01	0.0153	0.0208	0.00151	4.15E-06	4.75E-01	5.17E-06	5.09E-04	1.10E-01	4.75E-06	3.69E-04	5.46E-06	1.25E+00	6.40E-06	8.18E-04	8.79E-03	1.69E-03	5.92E-01
2028-09-01	2	16.7	8.46	1.8	0.0142	2.01	0.0153	0.0209	0.00152	4.16E-06	4.75E-01	5.17E-06	5.11E-04	1.10E-01	4.76E-06	3.70E-04	5.48E-06	1.26E+00	6.42E-06	8.19E-04	8.79E-03	1.69E-03	5.92E-01
2028-10-01	2	16.6	8.41	1.79	0.0142	2	0.0152	0.0207	0.00														

Pond_3 10ppmTSS

Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2032-08-01	6	47.9	24.40	5.36	0.0593	8.38	0.0604	0.0208	0.00451	4.15E-06	4.75E-01	5.17E-06	1.29E-03	4.37E-02	4.75E-06	5.64E-04	5.46E-06	1.60E+00	1.59E-05	9.79E-04	8.79E-03	3.47E-03	5.92E-01
2032-09-01	6	48.1	24.50	5.37	0.0595	8.41	0.0606	0.0209	0.00453	4.16E-06	4.76E-01	5.17E-06	1.29E-03	4.39E-02	4.76E-06	5.65E-04	5.48E-06	1.60E+00	1.60E-05	9.79E-04	8.79E-03	3.48E-03	5.92E-01
2032-10-01	6	47.7	24.30	5.34	0.0591	8.35	0.0602	0.0207	0.0045	4.14E-06	4.75E-01	5.17E-06	1.29E-03	4.36E-02	4.74E-06	5.63E-04	5.45E-06	1.60E+00	1.59E-05	9.78E-04	8.79E-03	3.46E-03	5.92E-01
2032-11-01	6	47.6	24.20	5.32	0.0589	8.32	0.06	0.0207	0.00448	4.13E-06	4.75E-01	5.17E-06	1.28E-03	4.34E-02	4.73E-06	5.62E-04	5.43E-06	1.59E+00	1.58E-05	9.77E-04	8.79E-03	3.46E-03	5.92E-01
2032-12-01	6	47.5	24.20	5.31	0.0588	8.31	0.0599	0.0206	0.00448	4.12E-06	4.75E-01	5.17E-06	1.28E-03	4.34E-02	4.73E-06	5.61E-04	5.43E-06	1.59E+00	1.58E-05	9.76E-04	8.79E-03	3.45E-03	5.92E-01
2033-01-01	7	47.5	24.20	5.31	0.0588	8.31	0.0599	0.0206	0.00448	4.12E-06	4.75E-01	5.17E-06	1.28E-03	4.34E-02	4.73E-06	5.61E-04	5.43E-06	1.59E+00	1.58E-05	9.76E-04	8.79E-03	3.45E-03	5.92E-01
2033-02-01	7	47.8	24.30	5.34	0.0589	8.33	0.06	0.0207	0.0045	4.13E-06	4.75E-01	5.17E-06	1.29E-03	4.33E-02	4.73E-06	5.65E-04	5.43E-06	1.60E+00	1.59E-05	9.78E-04	8.79E-03	3.47E-03	5.92E-01
2033-03-01	7	48.2	24.50	5.39	0.0591	8.35	0.0602	0.0207	0.00454	4.13E-06	4.75E-01	5.17E-06	1.30E-03	4.31E-02	4.74E-06	5.71E-04	5.44E-06	1.60E+00	1.60E-05	9.80E-04	8.79E-03	3.49E-03	5.92E-01
2033-04-01	7	49.5	25.20	5.52	0.0596	8.42	0.0607	0.0208	0.00465	4.15E-06	4.75E-01	5.17E-06	1.34E-03	4.25E-02	4.74E-06	5.88E-04	5.45E-06	1.63E+00	1.64E-05	9.86E-04	8.79E-03	3.56E-03	5.92E-01
2033-05-01	7	50.2	25.60	5.6	0.0596	8.42	0.0607	0.0207	0.00472	4.13E-06	4.75E-01	5.17E-06	1.36E-03	4.16E-02	4.73E-06	6.00E-04	5.44E-06	1.64E+00	1.66E-05	9.90E-04	8.79E-03	3.60E-03	5.92E-01
2033-06-01	7	50.3	25.60	5.6	0.0596	8.42	0.0607	0.0207	0.00472	4.13E-06	4.75E-01	5.17E-06	1.36E-03	4.16E-02	4.73E-06	6.01E-04	5.44E-06	1.64E+00	1.66E-05	9.91E-04	8.79E-03	3.61E-03	5.92E-01
2033-07-01	7	50.5	25.70	5.62	0.0598	8.45	0.0609	0.0208	0.00474	4.14E-06	4.75E-01	5.17E-06	1.37E-03	4.17E-02	4.74E-06	6.03E-04	5.45E-06	1.64E+00	1.67E-05	9.91E-04	8.79E-03	3.62E-03	5.92E-01
2033-08-01	7	50.6	25.70	5.64	0.06	8.47	0.0611	0.0208	0.00475	4.15E-06	4.75E-01	5.17E-06	1.37E-03	4.19E-02	4.75E-06	6.04E-04	5.46E-06	1.64E+00	1.67E-05	9.92E-04	8.79E-03	3.62E-03	5.92E-01
2033-09-01	7	50.8	25.80	5.65	0.0601	8.5	0.0612	0.0209	0.00476	4.16E-06	4.76E-01	5.17E-06	1.38E-03	4.20E-02	4.76E-06	6.05E-04	5.48E-06	1.65E+00	1.68E-05	9.93E-04	8.79E-03	3.63E-03	5.92E-01
2033-10-01	7	50.4	25.60	5.62	0.0597	8.44	0.0608	0.0207	0.00473	4.14E-06	4.75E-01	5.17E-06	1.37E-03	4.17E-02	4.74E-06	6.02E-04	5.45E-06	1.64E+00	1.67E-05	9.91E-04	8.79E-03	3.61E-03	5.92E-01
2033-11-01	7	50.2	25.60	5.6	0.0595	8.41	0.0606	0.0207	0.00472	4.13E-06	4.75E-01	5.17E-06	1.36E-03	4.16E-02	4.73E-06	6.01E-04	5.43E-06	1.64E+00	1.66E-05	9.90E-04	8.79E-03	3.60E-03	5.92E-01
2033-12-01	7	50.2	25.50	5.59	0.0594	8.4	0.0605	0.0206	0.00471	4.12E-06	4.75E-01	5.17E-06	1.36E-03	4.15E-02	4.73E-06	6.00E-04	5.43E-06	1.63E+00	1.66E-05	9.90E-04	8.79E-03	3.60E-03	5.92E-01
2034-01-01	8	50.2	25.50	5.59	0.0595	8.4	0.0605	0.0206	0.00471	4.12E-06	4.75E-01	5.17E-06	1.36E-03	4.15E-02	4.73E-06	6.00E-04	5.43E-06	1.63E+00	1.66E-05	9.90E-04	8.79E-03	3.60E-03	5.92E-01
2034-02-01	8	50.5	25.70	5.63	0.06	8.48	0.0611	0.0207	0.00474	4.13E-06	4.75E-01	5.17E-06	1.37E-03	4.14E-02	4.73E-06	6.00E-04	5.43E-06	1.64E+00	1.67E-05	9.91E-04	8.79E-03	3.62E-03	5.92E-01
2034-03-01	8	50.9	25.90	5.68	0.0609	8.6	0.062	0.0207	0.00479	4.13E-06	4.75E-01	5.17E-06	1.38E-03	4.13E-02	4.74E-06	5.99E-04	5.44E-06	1.64E+00	1.68E-05	9.94E-04	8.79E-03	3.64E-03	5.92E-01
2034-04-01	8	52.1	26.50	5.85	0.0635	8.98	0.0646	0.0208	0.00493	4.15E-06	4.75E-01	5.17E-06	1.40E-03	4.07E-02	4.74E-06	5.96E-04	5.45E-06	1.65E+00	1.72E-05	1.00E-03	8.79E-03	3.72E-03	5.92E-01
2034-05-01	8	52.9	26.90	5.95	0.0654	9.24	0.0665	0.0207	0.00501	4.13E-06	4.75E-01	5.17E-06	1.41E-03	4.00E-02	4.73E-06	5.91E-04	5.44E-06	1.65E+00	1.74E-05	1.00E-03	8.79E-03	3.76E-03	5.92E-01
2034-06-01	8	52.9	26.90	5.96	0.0655	9.25	0.0666	0.0207	0.00502	4.13E-06	4.75E-01	5.17E-06	1.41E-03	4.00E-02	4.73E-06	5.91E-04	5.44E-06	1.65E+00	1.74E-05	1.00E-03	8.79E-03	3.76E-03	5.92E-01
2034-07-01	8	53.1	27.00	5.98	0.0657	9.28	0.0668	0.0208	0.00504	4.14E-06	4.75E-01	5.17E-06	1.42E-03	4.01E-02	4.74E-06	5.92E-04	5.45E-06	1.65E+00	1.75E-05	1.01E-03	8.79E-03	3.77E-03	5.92E-01
2034-08-01	8	53.2	27.10	5.99	0.0659	9.31	0.067	0.0208	0.00505	4.15E-06	4.75E-01	5.17E-06	1.42E-03	4.02E-02	4.75E-06	5.93E-04	5.46E-06	1.66E+00	1.75E-05	1.01E-03	8.79E-03	3.78E-03	5.92E-01
2034-09-01	8	53.4	27.20	6.01	0.0661	9.34	0.0672	0.0209	0.00507	4.16E-06	4.76E-01	5.17E-06	1.43E-03	4.03E-02	4.76E-06	5.94E-04	5.48E-06	1.66E+00	1.76E-05	1.01E-03	8.79E-03	3.79E-03	5.92E-01
2034-10-01	8	53	27.00	5.97	0.0656	9.27	0.0667	0.0207	0.00503	4.14E-06	4.75E-01	5.17E-06	1.42E-03	4.00E-02	4.74E-06	5.92E-04	5.45E-06	1.65E+00	1.75E-05	1.01E-03	8.79E-03	3.77E-03	5.92E-01
2034-11-01	8	52.9	26.90	5.95	0.0654	9.24	0.0665	0.0207	0.00501	4.13E-06	4.75E-01	5.17E-06	1.41E-03	3.99E-02	4.73E-06	5.90E-04	5.43E-06	1.65E+00	1.74E-05	1.00E-03	8.79E-03	3.76E-03	5.92E-01
2034-12-01	8	52.8	26.90	5.94	0.0653	9.23	0.0664	0.0206	0.00501	4.12E-06	4.75E-01	5.17E-06	1.41E-03	3.99E-02	4.73E-06	5.90E-04	5.43E-06	1.65E+00	1.74E-05	1.00E-03	8.79E-03	3.75E-03	5.92E-01
2035-01-01	9	52.8	26.90	5.94	0.0653	9.23	0.0664	0.0206	0.00501	4.12E-06	4.75E-01	5.17E-06	1.41E-03	3.99E-02	4.73E-06	5.90E-04	5.43E-06	1.65E+00	1.74E-05	1.00E-03	8.79E-03	3.76E-03	5.92E-01
2035-02-01	9	53.4	27.20	6.02	0.0661	9.34	0.0672	0.0207	0.00507	4.13E-06	4.75E-01	5.17E-06	1.43E-03	3.96E-02	4.73E-06	5.94E-04	5.43E-06	1.65E+00	1.76E-05	1.01E-03	8.79E-03	3.79E-03	5.92E-01
2035-03-01	9	54.3	27.60	6.13	0.0672	9.49	0.0683	0.0207	0.00517	4.13E-06	4.75E-01	5.17E-06	1.45E-03	3.92E-02	4.74E-06	6.01E-04	5.44E-06	1.66E+00	1.79E-05	1.01E-03	8.79E-03	3.85E-03	5.92E-01
2035-04-01	9	57.2	29.10	6.48	0.0706	9.97	0.0717	0.0208	0.00547	4.15E-06	4.75E-01	5.17E-06	1.52E-03	3.79E-02	4.74E-06	6.21E-04	5.45E-06	1.69E+00	1.87E-05	1.03E-03	8.79E-03	4.01E-03	5.92E-01
2035-05-01	9	59.3	30.20	6.74	0.0731	10.3	0.0742	0.0207	0.00569	4.13E-06	4.75E-01	5.17E-06	1.57E-03	3.66E-02	4.73E-06	6.36E-04	5.44E-06	1.71E+00	1.94E-05	1.04E-03	8.79E-03	4.13E-03	5.92E-01
2035-06-01	9	59.4	30.20	6.76	0.0732	10.3	0.0743	0.0207	0.0057	4.13E-06	4.75E-01	5.17E-06	1.57E-03	3.65E-02	4.73E-06	6.37E-04	5.44E-06	1.71E+00	1.94E-05	1.04E-03	8.79E-03	4.14E-03	5.92E-01
2035-07-01	9	59.6	30.30	6.78	0.0735	10.4	0.0746	0.0208	0.00572	4.14E-06	4.75E-01	5.17E-06	1.58E-03	3.66E-02	4.74E-06	6.38E-04	5.45E-06	1.71E+00	1.95E-05	1.04E-03	8.79E-03	4.15E-03	5.92E-01
2035-08-01	9	59.8	30.40	6.8	0.0737	10.4	0.0748	0.0208	0.00573	4.15E-06	4.76E-01	5.17E-06	1.58E-03	3.67E-02	4.75E-06	6.39E-04	5.46E-06	1.72E+00	1.95E-05	1.04E-03	8.79E-03	4.16E-03	5.92E-01
2035-09-01	9	59.9	30.50	6.82	0.0739	10.4	0.075	0.0209	0.00575	4.16E-06	4.76E-01	5.17E-06	1.59E-03	3.68E-02	4.76E-06	6.41E-04	5.48E-06	1.72E+00	1.96E-05	1.04E-03	8.79E-03	4.17E-03	5.92E-01
2035-10-01	9	59.5	30.30	6.77	0.0734	10.4	0.0745	0.0207	0.00571	4.14E-06	4.75E-01	5.17E-06	1.58E-03	3.66E-02	4.74E-06	6.38E-04	5.45E-06	1.71E+00	1.95E-05	1.04E-03	8.79E-03	4.15E-03	5.92E-01
2035-11-01	9	59.3	30.20	6.75	0.0731	10.3	0.0742	0.0207	0.00569	4.13E-06	4.75E-01	5.17E-06	1.57E-03	3.65E-02	4.73E-06	6.36E-04	5.43E-06	1.71E+00	1.94E-05	1.04E-03	8.79E-03	4.14E-03	5.92E-01
2035-12-01	9	59.2	30.20	6.74	0.073	10.3	0.0741	0.0206	0.00568	4.12E-06	4.75E-01	5.17E-06	1.57E-03	3.64E-02	4.73E-06	6.35E-04	5.43E-06	1.70E+00	1.94E-05	1.04E-03	8.79E-03	4.13E-03	5.92E-01
2036-01-01	10	59.3	30.20	6.74	0.073	10.3	0.0741	0.0206	0.00569	4.12E-06	4.75E-01												

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2038-10-01	12	70.4	35.80	8.12	0.0859	12.1	0.087	0.0207	0.00686	4.14E-06	4.76E-01	5.17E-06	1.87E-03	3.22E-02	4.74E-06	7.31E-04	5.45E-06	1.82E+00	2.28E-05	1.10E-03	8.79E-03	4.78E-03	5.92E-01
2038-11-01	12	70.1	35.70	8.09	0.0856	12.1	0.0867	0.0207	0.00683	4.13E-06	4.75E-01	5.17E-06	1.86E-03	3.21E-02	4.73E-06	7.29E-04	5.43E-06	1.82E+00	2.27E-05	1.09E-03	8.79E-03	4.77E-03	5.92E-01
2038-12-01	12	70	35.60	8.08	0.0855	12.1	0.0866	0.0206	0.00682	4.12E-06	4.75E-01	5.17E-06	1.86E-03	3.20E-02	4.73E-06	7.28E-04	5.43E-06	1.81E+00	2.27E-05	1.09E-03	8.79E-03	4.76E-03	5.92E-01
2039-01-01	13	70	35.70	8.08	0.0855	12.1	0.0866	0.0206	0.00682	4.12E-06	4.75E-01	5.17E-06	1.86E-03	3.20E-02	4.73E-06	7.28E-04	5.43E-06	1.81E+00	2.27E-05	1.09E-03	8.79E-03	4.76E-03	5.92E-01
2039-02-01	13	71	36.20	8.2	0.0867	12.2	0.0878	0.0207	0.00692	4.13E-06	4.75E-01	5.17E-06	1.88E-03	3.18E-02	4.73E-06	7.33E-04	5.43E-06	1.83E+00	2.30E-05	1.10E-03	8.79E-03	4.82E-03	5.92E-01
2039-03-01	13	72.5	36.90	8.37	0.0884	12.5	0.0895	0.0207	0.00707	4.13E-06	4.75E-01	5.17E-06	1.92E-03	3.14E-02	4.74E-06	7.41E-04	5.44E-06	1.84E+00	2.34E-05	1.11E-03	8.79E-03	4.91E-03	5.92E-01
2039-04-01	13	77.1	39.30	8.92	0.0938	13.3	0.0949	0.0208	0.00753	4.15E-06	4.76E-01	5.17E-06	2.03E-03	3.03E-02	4.74E-06	7.64E-04	5.45E-06	1.90E+00	2.48E-05	1.13E-03	8.79E-03	5.17E-03	5.92E-01
2039-05-01	13	80.6	41.10	9.33	0.0979	13.8	0.099	0.0207	0.00788	4.13E-06	4.76E-01	5.17E-06	2.12E-03	2.90E-02	4.73E-06	7.80E-04	5.44E-06	1.94E+00	2.59E-05	1.15E-03	8.79E-03	5.37E-03	5.92E-01
2039-06-01	13	80.9	41.20	9.36	0.0982	13.9	0.0992	0.0207	0.0079	4.13E-06	4.76E-01	5.17E-06	2.12E-03	2.89E-02	4.73E-06	7.81E-04	5.44E-06	1.94E+00	2.60E-05	1.15E-03	8.79E-03	5.39E-03	5.92E-01
2039-07-01	13	81.1	41.30	9.39	0.0985	13.9	0.0996	0.0208	0.00792	4.14E-06	4.76E-01	5.17E-06	2.13E-03	2.90E-02	4.74E-06	7.83E-04	5.45E-06	1.95E+00	2.61E-05	1.15E-03	8.79E-03	5.40E-03	5.92E-01
2039-08-01	13	81.3	41.40	9.41	0.0987	14	0.0998	0.0208	0.00794	4.15E-06	4.76E-01	5.17E-06	2.13E-03	2.91E-02	4.75E-06	7.84E-04	5.46E-06	1.95E+00	2.61E-05	1.15E-03	8.79E-03	5.41E-03	5.92E-01
2039-09-01	13	81.6	41.50	9.44	0.099	14	0.1	0.0209	0.00797	4.16E-06	4.76E-01	5.17E-06	2.14E-03	2.92E-02	4.76E-06	7.86E-04	5.48E-06	1.95E+00	2.62E-05	1.15E-03	8.79E-03	5.43E-03	5.92E-01
2039-10-01	13	81	41.30	9.38	0.0984	13.9	0.0995	0.0207	0.00791	4.14E-06	4.76E-01	5.17E-06	2.13E-03	2.90E-02	4.74E-06	7.82E-04	5.45E-06	1.94E+00	2.60E-05	1.15E-03	8.79E-03	5.40E-03	5.92E-01
2039-11-01	13	80.8	41.10	9.34	0.098	13.9	0.0991	0.0207	0.00789	4.13E-06	4.75E-01	5.17E-06	2.12E-03	2.89E-02	4.73E-06	7.80E-04	5.43E-06	1.94E+00	2.59E-05	1.15E-03	8.79E-03	5.38E-03	5.92E-01
2039-12-01	13	80.6	41.10	9.33	0.0979	13.8	0.099	0.0206	0.00787	4.12E-06	4.75E-01	5.17E-06	2.12E-03	2.89E-02	4.73E-06	7.79E-04	5.43E-06	1.94E+00	2.59E-05	1.15E-03	8.79E-03	5.37E-03	5.92E-01
2040-01-01	14	80.7	41.10	9.33	0.0979	13.8	0.099	0.0206	0.00788	4.12E-06	4.75E-01	5.17E-06	2.12E-03	2.89E-02	4.73E-06	7.79E-04	5.43E-06	1.94E+00	2.59E-05	1.15E-03	8.79E-03	5.38E-03	5.92E-01
2040-02-01	14	81.5	41.50	9.42	0.0988	14	0.0999	0.0207	0.00795	4.13E-06	4.75E-01	5.17E-06	2.14E-03	2.87E-02	4.73E-06	7.84E-04	5.43E-06	1.95E+00	2.62E-05	1.15E-03	8.79E-03	5.42E-03	5.92E-01
2040-03-01	14	82.7	42.10	9.56	0.1	14.2	0.101	0.0207	0.00807	4.13E-06	4.76E-01	5.17E-06	2.17E-03	2.85E-02	4.74E-06	7.92E-04	5.44E-06	1.96E+00	2.65E-05	1.16E-03	8.79E-03	5.49E-03	5.92E-01
2040-04-01	14	86.3	44.00	9.98	0.104	14.8	0.106	0.0208	0.00843	4.15E-06	4.76E-01	5.17E-06	2.26E-03	2.78E-02	4.74E-06	8.16E-04	5.45E-06	2.01E+00	2.76E-05	1.18E-03	8.79E-03	5.70E-03	5.92E-01
2040-05-01	14	88.9	45.30	10.3	0.107	15.2	0.108	0.0207	0.00867	4.13E-06	4.76E-01	5.17E-06	2.32E-03	2.70E-02	4.73E-06	8.32E-04	5.44E-06	2.04E+00	2.84E-05	1.19E-03	8.79E-03	5.85E-03	5.92E-01
2040-06-01	14	89.1	45.40	10.3	0.108	15.2	0.109	0.0207	0.00869	4.13E-06	4.76E-01	5.17E-06	2.32E-03	2.70E-02	4.73E-06	8.33E-04	5.44E-06	2.04E+00	2.85E-05	1.19E-03	8.79E-03	5.86E-03	5.92E-01
2040-07-01	14	89.4	45.50	10.3	0.108	15.2	0.109	0.0208	0.00872	4.14E-06	4.76E-01	5.17E-06	2.33E-03	2.71E-02	4.74E-06	8.35E-04	5.45E-06	2.04E+00	2.86E-05	1.19E-03	8.79E-03	5.87E-03	5.92E-01
2040-08-01	14	89.6	45.60	10.4	0.108	15.3	0.109	0.0208	0.00874	4.15E-06	4.76E-01	5.17E-06	2.34E-03	2.71E-02	4.75E-06	8.37E-04	5.46E-06	2.05E+00	2.86E-05	1.19E-03	8.79E-03	5.89E-03	5.92E-01
2040-09-01	14	89.9	45.80	10.4	0.109	15.3	0.11	0.0209	0.00877	4.16E-06	4.76E-01	5.17E-06	2.34E-03	2.72E-02	4.76E-06	8.39E-04	5.48E-06	2.05E+00	2.87E-05	1.20E-03	8.79E-03	5.90E-03	5.92E-01
2040-10-01	14	89.3	45.50	10.3	0.108	15.2	0.109	0.0207	0.00871	4.14E-06	4.76E-01	5.17E-06	2.33E-03	2.70E-02	4.74E-06	8.35E-04	5.45E-06	2.04E+00	2.85E-05	1.19E-03	8.79E-03	5.87E-03	5.92E-01
2040-11-01	14	89	45.30	10.3	0.107	15.2	0.109	0.0207	0.00868	4.13E-06	4.76E-01	5.17E-06	2.32E-03	2.70E-02	4.73E-06	8.32E-04	5.43E-06	2.04E+00	2.84E-05	1.19E-03	8.79E-03	5.85E-03	5.92E-01
2040-12-01	14	88.8	45.20	10.3	0.107	15.2	0.108	0.0206	0.00867	4.12E-06	4.76E-01	5.17E-06</											

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2044-12-01	18	100	51.10	11.4	0.12	17	0.121	0.0206	0.0096	4.12E-06	4.76E-01	5.17E-06	2.65E-03	2.47E-02	4.73E-06	9.80E-04	5.43E-06	2.23E+00	3.19E-05	1.25E-03	8.79E-03	6.47E-03	5.92E-01
2045-01-01	19	100	51.10	11.4	0.12	17	0.121	0.0206	0.0096	4.12E-06	4.76E-01	5.17E-06	2.65E-03	2.47E-02	4.73E-06	9.81E-04	5.43E-06	2.23E+00	3.19E-05	1.25E-03	8.79E-03	6.47E-03	5.92E-01
2045-02-01	19	101	51.10	11.4	0.12	17	0.121	0.0207	0.0096	4.13E-06	4.76E-01	5.17E-06	2.66E-03	2.47E-02	4.73E-06	9.85E-04	5.43E-06	2.23E+00	3.20E-05	1.25E-03	8.79E-03	6.48E-03	5.92E-01
2045-03-01	19	101	51.20	11.4	0.121	17	0.122	0.0207	0.00961	4.13E-06	4.76E-01	5.17E-06	2.66E-03	2.48E-02	4.74E-06	9.91E-04	5.44E-06	2.24E+00	3.20E-05	1.25E-03	8.79E-03	6.49E-03	5.92E-01
2045-04-01	19	101	51.40	11.4	0.121	17.1	0.122	0.0208	0.00962	4.15E-06	4.76E-01	5.17E-06	2.68E-03	2.48E-02	4.74E-06	1.01E-03	5.45E-06	2.25E+00	3.21E-05	1.25E-03	8.79E-03	6.50E-03	5.92E-01
2045-05-01	19	101	51.20	11.3	0.121	17	0.122	0.0207	0.00956	4.13E-06	4.76E-01	5.17E-06	2.68E-03	2.47E-02	4.73E-06	1.02E-03	5.44E-06	2.25E+00	3.20E-05	1.25E-03	8.79E-03	6.48E-03	5.92E-01
2045-06-01	19	101	51.20	11.3	0.121	17	0.122	0.0207	0.00956	4.13E-06	4.76E-01	5.17E-06	2.68E-03	2.47E-02	4.73E-06	1.02E-03	5.44E-06	2.25E+00	3.20E-05	1.25E-03	8.79E-03	6.48E-03	5.92E-01
2045-07-01	19	101	51.40	11.4	0.121	17.1	0.122	0.0208	0.00959	4.14E-06	4.76E-01	5.17E-06	2.69E-03	2.48E-02	4.74E-06	1.02E-03	5.45E-06	2.26E+00	3.21E-05	1.25E-03	8.79E-03	6.50E-03	5.92E-01
2045-08-01	19	101	51.50	11.4	0.121	17.1	0.122	0.0208	0.00961	4.15E-06	4.76E-01	5.17E-06	2.70E-03	2.49E-02	4.75E-06	1.03E-03	5.46E-06	2.26E+00	3.22E-05	1.25E-03	8.79E-03	6.51E-03	5.92E-01
2045-09-01	19	102	51.70	11.4	0.122	17.2	0.123	0.0209	0.00964	4.16E-06	4.76E-01	5.17E-06	2.71E-03	2.50E-02	4.76E-06	1.03E-03	5.48E-06	2.27E+00	3.23E-05	1.25E-03	8.79E-03	6.53E-03	5.92E-01
2045-10-01	19	101	51.30	11.4	0.121	17.1	0.122	0.0207	0.00958	4.14E-06	4.76E-01	5.17E-06	2.69E-03	2.48E-02	4.74E-06	1.02E-03	5.45E-06	2.26E+00	3.21E-05	1.25E-03	8.79E-03	6.49E-03	5.92E-01
2045-11-01	19	101	51.20	11.3	0.12	17	0.122	0.0207	0.00955	4.13E-06	4.76E-01	5.17E-06	2.68E-03	2.47E-02	4.73E-06	1.02E-03	5.43E-06	2.25E+00	3.20E-05	1.25E-03	8.79E-03	6.47E-03	5.92E-01
2045-12-01	19	100	51.10	11.3	0.12	17	0.121	0.0206	0.00953	4.12E-06	4.76E-01	5.17E-06	2.67E-03	2.47E-02	4.73E-06	1.02E-03	5.43E-06	2.25E+00	3.19E-05	1.25E-03	8.79E-03	6.46E-03	5.92E-01
2046-01-01	20	100	51.10	11.3	0.12	17	0.121	0.0206	0.00953	4.12E-06	4.76E-01	5.17E-06	2.68E-03	2.47E-02	4.73E-06	1.02E-03	5.43E-06	2.25E+00	3.19E-05	1.25E-03	8.79E-03	6.46E-03	5.92E-01
2046-02-01	20	101	51.20	11.3	0.12	17	0.122	0.0207	0.00954	4.13E-06	4.76E-01	5.17E-06	2.68E-03	2.47E-02	4.73E-06	1.02E-03	5.43E-06	2.25E+00	3.20E-05	1.25E-03	8.79E-03	6.47E-03	5.92E-01
2046-03-01	20	101	51.30	11.3	0.121	17.1	0.122	0.0207	0.00956	4.13E-06	4.76E-01	5.17E-06	2.69E-03	2.47E-02	4.74E-06	1.03E-03	5.44E-06	2.26E+00	3.20E-05	1.25E-03	8.79E-03	6.48E-03	5.92E-01
2046-04-01	20	101	51.60	11.4	0.121	17.1	0.122	0.0208	0.00959	4.15E-06	4.76E-01	5.17E-06	2.71E-03	2.48E-02	4.74E-06	1.05E-03	5.45E-06	2.28E+00	3.22E-05	1.25E-03	8.79E-03	6.51E-03	5.92E-01
2046-05-01	20	101	51.40	11.3	0.121	17.1	0.122	0.0207	0.00954	4.13E-06	4.76E-01	5.17E-06	2.71E-03	2.47E-02	4.73E-06	1.05E-03	5.44E-06	2.28E+00	3.21E-05	1.25E-03	8.79E-03	6.49E-03	5.92E-01
2046-06-01	20	101	51.40	11.3	0.121	17.1	0.122	0.0207	0.00954	4.13E-06	4.76E-01	5.17E-06	2.71E-03	2.47E-02	4.73E-06	1.05E-03	5.44E-06	2.28E+00	3.21E-05	1.25E-03	8.79E-03	6.49E-03	5.92E-01
2046-07-01	20	102	51.60	11.4	0.121	17.2	0.123	0.0208	0.00958	4.14E-06	4.76E-01	5.17E-06	2.72E-03	2.47E-02	4.74E-06	1.06E-03	5.45E-06	2.28E+00	3.22E-05	1.25E-03	8.79E-03	6.51E-03	5.92E-01
2046-08-01	20	102	51.70	11.4	0.122	17.2	0.123	0.0208	0.0096	4.15E-06	4.76E-01	5.17E-06	2.73E-03	2.48E-02	4.75E-06	1.06E-03	5.46E-06	2.29E+00	3.23E-05	1.25E-03	8.79E-03	6.53E-03	5.92E-01
2046-09-01	20	102	51.90	11.4	0.122	17.3	0.123	0.0209	0.00963	4.16E-06	4.76E-01	5.17E-06	2.74E-03	2.49E-02	4.76E-06	1.06E-03	5.48E-06	2.29E+00	3.24E-05	1.26E-03	8.79E-03	6.55E-03	5.92E-01
2046-10-01	20	101	51.60	11.4	0.121	17.1	0.122	0.0207	0.00957	4.14E-06	4.76E-01	5.17E-06	2.72E-03	2.47E-02	4.74E-06	1.06E-03	5.45E-06	2.28E+00	3.22E-05	1.25E-03	8.79E-03	6.51E-03	5.92E-01
2046-11-01	20	101	51.40	11.3	0.121	17.1	0.122	0.0207	0.00953	4.13E-06	4.76E-01	5.17E-06	2.71E-03	2.46E-02	4.73E-06	1.05E-03	5.43E-06	2.27E+00	3.21E-05	1.25E-03	8.79E-03	6.49E-03	5.92E-01
2046-12-01	20	101	51.30	11.3	0.121	17.1	0.122	0.0206	0.00952	4.12E-06	4.76E-01	5.17E-06	2.70E-03	2.46E-02	4.73E-06	1.05E-03	5.43E-06	2.27E+00	3.21E-05	1.25E-03	8.79E-03	6.48E-03	5.92E-01
2047-01-01	21	101	51.30	11.3	0.121	17.1	0.122	0.0206	0.00952	4.12E-06	4.76E-01	5.17E-06	2.71E-03	2.46E-02	4.73E-06	1.05E-03	5.43E-06	2.27E+00	3.21E-05	1.25E-03	8.79E-03	6.48E-03	5.92E-01
2047-02-01	21	101	51.40	11.3	0.121	17.1	0.122	0.0207	0.00953	4.13E-06	4.76												

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2051-02-01	25	93.2	47.40	10.4	0.107	15.2	0.108	0.0207	0.00876	4.13E-06	4.76E-01	5.17E-06	2.52E-03	2.61E-02	4.73E-06	1.01E-03	5.43E-06	2.18E+00	2.97E-05	1.21E-03	8.79E-03	6.04E-03	5.92E-01
2051-03-01	25	93.1	47.30	10.4	0.108	15.2	0.109	0.0207	0.00875	4.13E-06	4.76E-01	5.17E-06	2.52E-03	2.62E-02	4.74E-06	1.02E-03	5.44E-06	2.18E+00	2.97E-05	1.21E-03	8.79E-03	6.03E-03	5.92E-01
2051-04-01	25	92.7	47.10	10.3	0.108	15.3	0.11	0.0208	0.0087	4.15E-06	4.76E-01	5.17E-06	2.51E-03	2.64E-02	4.76E-01	1.02E-03	5.45E-06	2.18E+00	2.95E-05	1.21E-03	8.79E-03	6.01E-03	5.92E-01
2051-05-01	25	91.6	46.60	10.2	0.108	15.3	0.11	0.0207	0.0086	4.13E-06	4.76E-01	5.17E-06	2.49E-03	2.64E-02	4.73E-06	1.02E-03	5.44E-06	2.17E+00	2.92E-05	1.20E-03	8.79E-03	5.95E-03	5.92E-01
2051-06-01	25	91.6	46.50	10.2	0.108	15.3	0.11	0.0207	0.0086	4.13E-06	4.76E-01	5.17E-06	2.49E-03	2.64E-02	4.73E-06	1.02E-03	5.44E-06	2.17E+00	2.92E-05	1.20E-03	8.79E-03	5.94E-03	5.92E-01
2051-07-01	25	91.9	46.70	10.2	0.109	15.4	0.11	0.0208	0.00862	4.14E-06	4.76E-01	5.17E-06	2.50E-03	2.65E-02	4.74E-06	1.02E-03	5.45E-06	2.18E+00	2.93E-05	1.20E-03	8.79E-03	5.96E-03	5.92E-01
2051-08-01	25	92.1	46.80	10.3	0.109	15.4	0.11	0.0208	0.00865	4.15E-06	4.76E-01	5.17E-06	2.50E-03	2.66E-02	4.75E-06	1.03E-03	5.46E-06	2.18E+00	2.94E-05	1.20E-03	8.79E-03	5.97E-03	5.92E-01
2051-09-01	25	92.4	47.00	10.3	0.109	15.5	0.111	0.0209	0.00867	4.16E-06	4.76E-01	5.17E-06	2.51E-03	2.67E-02	4.76E-06	1.03E-03	5.48E-06	2.19E+00	2.95E-05	1.21E-03	8.79E-03	5.99E-03	5.92E-01
2051-10-01	25	91.8	46.70	10.2	0.109	15.4	0.11	0.0207	0.00862	4.14E-06	4.76E-01	5.17E-06	2.49E-03	2.65E-02	4.74E-06	1.02E-03	5.45E-06	2.17E+00	2.93E-05	1.20E-03	8.79E-03	5.96E-03	5.92E-01
2051-11-01	25	91.5	46.50	10.2	0.108	15.3	0.109	0.0207	0.00859	4.13E-06	4.76E-01	5.17E-06	2.48E-03	2.64E-02	4.73E-06	1.02E-03	5.43E-06	2.17E+00	2.92E-05	1.20E-03	8.79E-03	5.94E-03	5.92E-01
2051-12-01	25	91.3	46.40	10.2	0.108	15.3	0.109	0.0206	0.00857	4.12E-06	4.76E-01	5.17E-06	2.48E-03	2.64E-02	4.73E-06	1.02E-03	5.43E-06	2.17E+00	2.91E-05	1.20E-03	8.79E-03	5.93E-03	5.92E-01
2052-01-01	26	91.4	46.40	10.2	0.108	15.3	0.109	0.0206	0.00857	4.12E-06	4.76E-01	5.17E-06	2.48E-03	2.64E-02	4.73E-06	1.02E-03	5.43E-06	2.17E+00	2.91E-05	1.20E-03	8.79E-03	5.93E-03	5.92E-01
2052-02-01	26	91.5	46.50	10.2	0.108	15.3	0.109	0.0207	0.00858	4.13E-06	4.76E-01	5.17E-06	2.49E-03	2.64E-02	4.73E-06	1.02E-03	5.43E-06	2.17E+00	2.92E-05	1.20E-03	8.79E-03	5.94E-03	5.92E-01
2052-03-01	26	91.7	46.60	10.2	0.109	15.4	0.11	0.0207	0.0086	4.13E-06	4.76E-01	5.17E-06	2.49E-03	2.64E-02	4.74E-06	1.03E-03	5.44E-06	2.17E+00	2.92E-05	1.20E-03	8.79E-03	5.95E-03	5.92E-01
2052-04-01	26	92.1	46.80	10.2	0.11	15.5	0.111	0.0208	0.00863	4.15E-06	4.76E-01	5.17E-06	2.51E-03	2.65E-02	4.74E-06	1.04E-03	5.45E-06	2.18E+00	2.94E-05	1.20E-03	8.79E-03	5.97E-03	5.92E-01
2052-05-01	26	91.8	46.60	10.2	0.11	15.5	0.111	0.0207	0.0086	4.13E-06	4.76E-01	5.17E-06	2.51E-03	2.64E-02	4.73E-06	1.05E-03	5.44E-06	2.18E+00	2.93E-05	1.20E-03	8.79E-03	5.95E-03	5.92E-01
2052-06-01	26	91.8	46.60	10.2	0.11	15.5	0.111	0.0207	0.0086	4.13E-06	4.76E-01	5.17E-06	2.51E-03	2.64E-02	4.73E-06	1.05E-03	5.44E-06	2.18E+00	2.93E-05	1.20E-03	8.79E-03	5.95E-03	5.92E-01
2052-07-01	26	92.1	46.80	10.2	0.11	15.6	0.111	0.0208	0.00863	4.14E-06	4.76E-01	5.17E-06	2.52E-03	2.65E-02	4.74E-06	1.05E-03	5.45E-06	2.19E+00	2.94E-05	1.20E-03	8.79E-03	5.97E-03	5.92E-01
2052-08-01	26	92.3	46.90	10.3	0.11	15.6	0.111	0.0208	0.00865	4.15E-06	4.76E-01	5.17E-06	2.52E-03	2.66E-02	4.75E-06	1.06E-03	5.46E-06	2.19E+00	2.94E-05	1.20E-03	8.79E-03	5.98E-03	5.92E-01
2052-09-01	26	92.6	47.10	10.3	0.111	15.6	0.112	0.0209	0.00868	4.16E-06	4.76E-01	5.17E-06	2.53E-03	2.66E-02	4.76E-06	1.06E-03	5.48E-06	2.20E+00	2.95E-05	1.21E-03	8.79E-03	6.00E-03	5.92E-01
2052-10-01	26	92	46.80	10.2	0.11	15.5	0.111	0.0207	0.00862	4.14E-06	4.76E-01	5.17E-06	2.52E-03	2.65E-02	4.74E-06	1.05E-03	5.45E-06	2.18E+00	2.93E-05	1.20E-03	8.79E-03	5.97E-03	5.92E-01
2052-11-01	26	91.7	46.60	10.2	0.11	15.5	0.111	0.0207	0.00859	4.13E-06	4.76E-01	5.17E-06	2.51E-03	2.64E-02	4.73E-06	1.05E-03	5.43E-06	2.18E+00	2.92E-05	1.20E-03	8.79E-03	5.95E-03	5.92E-01
2052-12-01	26	91.5	46.50	10.2	0.109	15.5	0.111	0.0206	0.00858	4.12E-06	4.76E-01	5.17E-06	2.50E-03	2.63E-02	4.73E-06	1.05E-03	5.43E-06	2.17E+00	2.92E-05	1.20E-03	8.79E-03	5.94E-03	5.92E-01
2053-01-01	27	91.6	46.50	10.2	0.109	15.5	0.111	0.0206	0.00858	4.12E-06	4.76E-01	5.17E-06	2.50E-03	2.63E-02	4.73E-06	1.05E-03	5.43E-06	2.18E+00	2.92E-05	1.20E-03	8.79E-03	5.94E-03	5.92E-01
2053-02-01	27	92	46.70	10.2	0.11	15.6	0.111	0.0207	0.00862	4.13E-06	4.76E-01	5.17E-06	2.52E-03	2.63E-02	4.73E-06	1.05E-03	5.43E-06	2.18E+00	2.93E-05	1.20E-03	8.79E-03	5.96E-03	5.92E-01
2053-03-01	27	92.6	47.10	10.3	0.111	15.7	0.112	0.0207	0.00868	4.13E-06	4.76E-01	5.17E-06	2.54E-03	2.63E-02	4.74E-06	1.06E-03	5.44E-06	2.19E+00	2.95E-05	1.21E-03	8.79E-03	6.00E-03	5.92E-01
2053-04-01	27	94.5	48.00	10.5	0.114	16.1	0.115	0.0208	0.00886	4.15E-06	4.76E-01	5.17E-06	2.59E-03	2.60E-02									

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2057-04-01	31	98.8	50.20	11	0.111	15.7	0.112	0.0208	0.00931	4.15E-06	4.76E-01	5.17E-06	2.72E-03	2.52E-02	4.74E-06	1.17E-03	5.45E-06	2.26E+00	3.14E-05	1.24E-03	8.79E-03	6.36E-03	5.92E-01
2057-05-01	31	97.4	49.50	10.9	0.107	15.1	0.108	0.0207	0.00918	4.13E-06	4.76E-01	5.17E-06	2.68E-03	2.53E-02	4.73E-06	1.15E-03	5.44E-06	2.24E+00	3.10E-05	1.23E-03	8.79E-03	6.28E-03	5.92E-01
2057-06-01	31	97.4	49.50	10.9	0.107	15.1	0.108	0.0207	0.00918	4.13E-06	4.76E-01	5.17E-06	2.68E-03	2.53E-02	4.73E-06	1.15E-03	5.44E-06	2.24E+00	3.10E-05	1.23E-03	8.79E-03	6.28E-03	5.92E-01
2057-07-01	31	97.7	49.70	10.9	0.107	15.1	0.108	0.0208	0.00921	4.14E-06	4.76E-01	5.17E-06	2.69E-03	2.54E-02	4.74E-06	1.15E-03	5.45E-06	2.25E+00	3.11E-05	1.23E-03	8.79E-03	6.30E-03	5.92E-01
2057-08-01	31	97.9	49.80	10.9	0.107	15.2	0.108	0.0208	0.00923	4.15E-06	4.76E-01	5.17E-06	2.70E-03	2.55E-02	4.75E-06	1.16E-03	5.46E-06	2.25E+00	3.12E-05	1.23E-03	8.79E-03	6.31E-03	5.92E-01
2057-09-01	31	98.2	49.90	11	0.108	15.2	0.109	0.0209	0.00926	4.16E-06	4.76E-01	5.17E-06	2.71E-03	2.55E-02	4.76E-06	1.16E-03	5.48E-06	2.26E+00	3.12E-05	1.24E-03	8.79E-03	6.33E-03	5.92E-01
2057-10-01	31	97.6	49.60	10.9	0.107	15.1	0.108	0.0207	0.0092	4.14E-06	4.76E-01	5.17E-06	2.69E-03	2.54E-02	4.74E-06	1.15E-03	5.45E-06	2.24E+00	3.10E-05	1.23E-03	8.79E-03	6.29E-03	5.92E-01
2057-11-01	31	97.3	49.40	10.9	0.107	15.1	0.108	0.0207	0.00917	4.13E-06	4.76E-01	5.17E-06	2.68E-03	2.53E-02	4.73E-06	1.15E-03	5.43E-06	2.24E+00	3.09E-05	1.23E-03	8.79E-03	6.27E-03	5.92E-01
2057-12-01	31	97.1	49.30	10.9	0.106	15	0.108	0.0206	0.00915	4.12E-06	4.76E-01	5.17E-06	2.68E-03	2.53E-02	4.73E-06	1.15E-03	5.43E-06	2.24E+00	3.09E-05	1.23E-03	8.79E-03	6.26E-03	5.92E-01
2058-01-01	32	97.1	49.40	10.9	0.107	15	0.108	0.0206	0.00915	4.12E-06	4.76E-01	5.17E-06	2.68E-03	2.53E-02	4.73E-06	1.15E-03	5.43E-06	2.24E+00	3.09E-05	1.23E-03	8.79E-03	6.27E-03	5.92E-01
2058-02-01	32	96.5	49.00	10.8	0.106	14.9	0.107	0.0207	0.00909	4.13E-06	4.76E-01	5.17E-06	2.66E-03	2.54E-02	4.73E-06	1.14E-03	5.43E-06	2.23E+00	3.07E-05	1.23E-03	8.79E-03	6.23E-03	5.92E-01
2058-03-01	32	95.5	48.50	10.7	0.105	14.8	0.106	0.0207	0.009	4.13E-06	4.76E-01	5.17E-06	2.63E-03	2.57E-02	4.74E-06	1.13E-03	5.44E-06	2.22E+00	3.04E-05	1.22E-03	8.79E-03	6.17E-03	5.92E-01
2058-04-01	32	92.4	46.90	10.3	0.101	14.2	0.102	0.0208	0.0087	4.15E-06	4.76E-01	5.17E-06	2.55E-03	2.65E-02	4.74E-06	1.10E-03	5.45E-06	2.18E+00	2.95E-05	1.21E-03	8.79E-03	6.00E-03	5.92E-01
2058-05-01	32	88.8	45.10	9.92	0.0964	13.6	0.0975	0.0207	0.00836	4.13E-06	4.76E-01	5.17E-06	2.45E-03	2.70E-02	4.73E-06	1.07E-03	5.44E-06	2.13E+00	2.83E-05	1.19E-03	8.79E-03	5.79E-03	5.92E-01
2058-06-01	32	88.6	45.00	9.9	0.0962	13.6	0.0973	0.0207	0.00835	4.13E-06	4.76E-01	5.17E-06	2.45E-03	2.71E-02	4.73E-06	1.06E-03	5.44E-06	2.13E+00	2.83E-05	1.19E-03	8.79E-03	5.78E-03	5.92E-01
2058-07-01	32	88.9	45.20	9.93	0.0965	13.6	0.0976	0.0208	0.00838	4.14E-06	4.76E-01	5.17E-06	2.45E-03	2.72E-02	4.74E-06	1.07E-03	5.45E-06	2.13E+00	2.84E-05	1.19E-03	8.79E-03	5.80E-03	5.92E-01
2058-08-01	32	89.1	45.30	9.96	0.0967	13.7	0.0978	0.0208	0.0084	4.15E-06	4.76E-01	5.17E-06	2.46E-03	2.72E-02	4.75E-06	1.07E-03	5.46E-06	2.14E+00	2.85E-05	1.19E-03	8.79E-03	5.81E-03	5.92E-01
2058-09-01	32	89.4	45.40	9.99	0.097	13.7	0.0981	0.0209	0.00842	4.16E-06	4.76E-01	5.17E-06	2.47E-03	2.73E-02	4.76E-06	1.07E-03	5.48E-06	2.14E+00	2.85E-05	1.19E-03	8.79E-03	5.83E-03	5.92E-01
2058-10-01	32	88.8	45.10	9.92	0.0964	13.6	0.0975	0.0207	0.00837	4.14E-06	4.76E-01	5.17E-06	2.45E-03	2.71E-02	4.74E-06	1.07E-03	5.45E-06	2.13E+00	2.84E-05	1.19E-03	8.79E-03	5.79E-03	5.92E-01
2058-11-01	32	88.5	45.00	9.89	0.0961	13.6	0.0971	0.0207	0.00834	4.13E-06	4.76E-01	5.17E-06	2.44E-03	2.70E-02	4.73E-06	1.06E-03	5.43E-06	2.13E+00	2.83E-05	1.19E-03	8.79E-03	5.78E-03	5.92E-01
2058-12-01	32	88.3	44.90	9.87	0.0959	13.5	0.097	0.0206	0.00832	4.12E-06	4.76E-01	5.17E-06	2.44E-03	2.70E-02	4.73E-06	1.06E-03	5.43E-06	2.12E+00	2.82E-05	1.18E-03	8.79E-03	5.77E-03	5.92E-01
2059-01-01	33	88.4	44.90	9.88	0.0959	13.6	0.097	0.0206	0.00833	4.12E-06	4.76E-01	5.17E-06	2.44E-03	2.70E-02	4.73E-06	1.06E-03	5.43E-06	2.13E+00	2.82E-05	1.18E-03	8.79E-03	5.77E-03	5.92E-01
2059-02-01	33	87.7	44.60	9.8	0.0951	13.4	0.0962	0.0207	0.00826	4.13E-06	4.76E-01	5.17E-06	2.42E-03	2.72E-02	4.73E-06	1.06E-03	5.43E-06	2.12E+00	2.80E-05	1.18E-03	8.79E-03	5.73E-03	5.92E-01
2059-03-01	33	86.7	44.10	9.69	0.0939	13.3	0.095	0.0207	0.00817	4.13E-06	4.76E-01	5.17E-06	2.40E-03	2.75E-02	4.74E-06	1.05E-03	5.44E-06	2.11E+00	2.77E-05	1.18E-03	8.79E-03	5.68E-03	5.92E-01
2059-04-01	33	83.5	42.50	9.34	0.09	12.7	0.0911	0.0208	0.00787	4.15E-06	4.76E-01	5.17E-06	2.31E-03	2.85E-02	4.74E-06	1.01E-03	5.45E-06	2.07E+00	2.68E-05	1.16E-03	8.79E-03	5.50E-03	5.92E-01
2059-05-01	33	80	40.70	8.94	0.0858	12.1	0.0869	0.0207	0.00754	4.13E-06	4.76E-01	5.17E-06	2.21E-03	2.92E-02	4.73E-06	9.78E-04	5.44E-06	2.02E+00	2.57E-05	1.14E-03	8.79E-03	5.29E-03	5.92E-01
2059-06-01	33	79.8	40.60	8.92	0.0856	12.1	0.0867	0.0207	0.00752	4.13E-06	4.76E-01	5.17E											

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2063-06-01	37	44.7	22.70	4.99	0.0432	6.1	0.0443	0.0207	0.00421	4.13E-06	4.75E-01	5.17E-06	1.26E-03	4.58E-02	4.73E-06	6.28E-04	5.44E-06	1.57E+00	1.49E-05	9.62E-04	8.79E-03	3.29E-03	5.92E-01
2063-07-01	37	44.8	22.80	5	0.0433	6.12	0.0444	0.0208	0.00422	4.14E-06	4.75E-01	5.17E-06	1.26E-03	4.60E-02	4.74E-06	6.30E-04	5.45E-06	1.58E+00	1.50E-05	9.63E-04	8.79E-03	3.30E-03	5.92E-01
2063-08-01	37	44.9	22.90	5.02	0.0434	6.14	0.0445	0.0208	0.00423	4.15E-06	4.75E-01	5.17E-06	1.27E-03	4.61E-02	4.75E-06	6.31E-04	5.46E-06	1.58E+00	1.50E-05	9.63E-04	8.79E-03	3.31E-03	5.92E-01
2063-09-01	37	45.1	22.90	5.03	0.0436	6.16	0.0447	0.0209	0.00424	4.16E-06	4.75E-01	5.17E-06	1.27E-03	4.62E-02	4.76E-06	6.32E-04	5.48E-06	1.58E+00	1.50E-05	9.64E-04	8.79E-03	3.32E-03	5.92E-01
2063-10-01	37	44.8	22.80	5	0.0433	6.11	0.0444	0.0207	0.00421	4.14E-06	4.75E-01	5.17E-06	1.26E-03	4.59E-02	4.74E-06	6.29E-04	5.45E-06	1.57E+00	1.49E-05	9.62E-04	8.79E-03	3.30E-03	5.92E-01
2063-11-01	37	44.6	22.70	4.98	0.0431	6.09	0.0442	0.0207	0.0042	4.13E-06	4.75E-01	5.17E-06	1.26E-03	4.58E-02	4.73E-06	6.28E-04	5.43E-06	1.57E+00	1.49E-05	9.61E-04	8.79E-03	3.29E-03	5.92E-01
2063-12-01	37	44.5	22.70	4.97	0.0431	6.08	0.0441	0.0206	0.00419	4.12E-06	4.75E-01	5.17E-06	1.26E-03	4.57E-02	4.73E-06	6.27E-04	5.43E-06	1.57E+00	1.49E-05	9.61E-04	8.79E-03	3.29E-03	5.92E-01
2064-01-01	38	44.6	22.70	4.97	0.0431	6.09	0.0442	0.0206	0.00419	4.12E-06	4.75E-01	5.17E-06	1.26E-03	4.57E-02	4.73E-06	6.27E-04	5.43E-06	1.57E+00	1.49E-05	9.61E-04	8.79E-03	3.29E-03	5.92E-01
2064-02-01	38	43.8	22.30	4.89	0.0422	5.96	0.0433	0.0207	0.00413	4.13E-06	4.75E-01	5.17E-06	1.24E-03	4.66E-02	4.73E-06	6.20E-04	5.43E-06	1.56E+00	1.47E-05	9.57E-04	8.79E-03	3.24E-03	5.92E-01
2064-03-01	38	42.8	21.80	4.78	0.0409	5.78	0.042	0.0207	0.00403	4.13E-06	4.75E-01	5.17E-06	1.21E-03	4.78E-02	4.74E-06	6.10E-04	5.44E-06	1.55E+00	1.43E-05	9.52E-04	8.79E-03	3.19E-03	5.92E-01
2064-04-01	38	39.4	20.10	4.4	0.0368	5.21	0.0379	0.0208	0.00371	4.15E-06	4.75E-01	5.17E-06	1.12E-03	5.16E-02	4.74E-06	5.76E-04	5.45E-06	1.51E+00	1.33E-05	9.35E-04	8.79E-03	3.00E-03	5.92E-01
2064-05-01	38	36.1	18.30	4.02	0.0328	4.63	0.0339	0.0207	0.00339	4.13E-06	4.75E-01	5.17E-06	1.02E-03	5.48E-02	4.73E-06	5.43E-04	5.44E-06	1.46E+00	1.23E-05	9.18E-04	8.79E-03	2.80E-03	5.92E-01
2064-06-01	38	35.9	18.30	4	0.0326	4.6	0.0337	0.0207	0.00338	4.13E-06	4.75E-01	5.17E-06	1.02E-03	5.50E-02	4.73E-06	5.41E-04	5.44E-06	1.46E+00	1.22E-05	9.17E-04	8.79E-03	2.80E-03	5.92E-01
2064-07-01	38	36	18.30	4.02	0.0327	4.62	0.0338	0.0208	0.00339	4.14E-06	4.75E-01	5.17E-06	1.02E-03	5.52E-02	4.74E-06	5.42E-04	5.45E-06	1.46E+00	1.23E-05	9.18E-04	8.79E-03	2.80E-03	5.92E-01
2064-08-01	38	36.1	18.40	4.03	0.0328	4.63	0.0339	0.0208	0.0034	4.15E-06	4.75E-01	5.17E-06	1.02E-03	5.53E-02	4.75E-06	5.43E-04	5.46E-06	1.47E+00	1.23E-05	9.18E-04	8.79E-03	2.81E-03	5.92E-01
2064-09-01	38	36.2	18.40	4.04	0.0329	4.64	0.034	0.0209	0.00341	4.16E-06	4.75E-01	5.17E-06	1.03E-03	5.55E-02	4.76E-06	5.44E-04	5.48E-06	1.47E+00	1.23E-05	9.19E-04	8.79E-03	2.81E-03	5.92E-01
2064-10-01	38	36	18.30	4.01	0.0327	4.61	0.0337	0.0207	0.00338	4.14E-06	4.75E-01	5.17E-06	1.02E-03	5.51E-02	4.74E-06	5.42E-04	5.45E-06	1.46E+00	1.23E-05	9.17E-04	8.79E-03	2.80E-03	5.92E-01
2064-11-01	38	35.8	18.20	4	0.0325	4.6	0.0336	0.0207	0.00337	4.13E-06	4.75E-01	5.17E-06	1.02E-03	5.49E-02	4.73E-06	5.41E-04	5.43E-06	1.46E+00	1.22E-05	9.17E-04	8.79E-03	2.79E-03	5.92E-01
2064-12-01	38	35.8	18.20	3.99	0.0325	4.59	0.0336	0.0206	0.00337	4.12E-06	4.75E-01	5.17E-06	1.02E-03	5.48E-02	4.73E-06	5.40E-04	5.43E-06	1.46E+00	1.22E-05	9.16E-04	8.79E-03	2.79E-03	5.92E-01
2065-01-01	39	35.8	18.20	3.99	0.0325	4.59	0.0336	0.0206	0.00337	4.12E-06	4.75E-01	5.17E-06	1.02E-03	5.48E-02	4.73E-06	5.40E-04	5.43E-06	1.46E+00	1.22E-05	9.17E-04	8.79E-03	2.79E-03	5.92E-01
2065-02-01	39	36.1	18.40	4.02	0.0318	4.49	0.0329	0.0205	0.00339	4.10E-06	4.75E-01	5.17E-06	1.02E-03	5.39E-02	4.71E-06	5.43E-04	5.43E-06	1.46E+00	1.23E-05	9.18E-04	8.79E-03	2.81E-03	5.92E-01
2065-03-01	39	36.5	18.60	4.07	0.0306	4.33	0.0318	0.0203	0.00343	4.07E-06	4.75E-01	5.17E-06	1.04E-03	5.25E-02	4.68E-06	5.47E-04	5.43E-06	1.46E+00	1.25E-05	9.21E-04	8.79E-03	2.83E-03	5.93E-01
2065-04-01	39	38	19.40	4.24	0.0264	3.73	0.0278	0.0193	0.00358	3.96E-06	4.75E-01	5.16E-06	1.08E-03	4.70E-02	4.58E-06	5.62E-04	5.42E-06	1.45E+00	1.31E-05	9.29E-04	8.80E-03	2.93E-03	5.96E-01
2065-05-01	39	40	20.40	4.46	0.0195	2.76	0.0213	0.0177	0.00376	3.74E-06	4.74E-01	5.15E-06	1.14E-03	3.81E-02	4.39E-06	5.81E-04	5.36E-06	1.43E+00	1.39E-05	9.41E-04	8.81E-03	3.05E-03	6.00E-01
2065-06-01	39	40.3	20.50	4.49	0.0186	2.63	0.0204	0.0175	0.00379	3.71E-06	4.74E-01	5.15E-06	1.15E-03	3.69E-02	4.36E-06	5.84E-04	5.35E-06	1.43E+00	1.40E-05	9.43E-04	8.81E-03	3.06E-03	6.00E-01
2065-07-01	39	40.5	20.60	4.51	0.0187	2.64	0.0204	0.0176	0.00381	3.72E-06	4.74E-01	5.15E-06	1.16E-03	3.70E-02	4.37E-06	5.86E-04	5.38E-06	1.43E+00	1.41E-05	9.44E-04	8.81E-03	3.08E-03	6.00E-01
2065-08-01	39	40.6	20.70	4.53	0.0187	2.65	0.0205	0.0176	0.00382	3.74E-06	4.74E-01	5.15E-06	1.16E-03	3.72E-02	4.38E-06	5.88E-04	5.39E-06	1.44E+00	1.41E-05	9.45E-04	8.81E-03	3.09E-03	6.01E-01
2065-09-01	39	40.8	20.80	4.55	0.0188	2.66	0.0206	0.0177	0.00384	3.75E-06	4.74E-01	5.15E-06	1.17E-03	3.74E-02	4.39E-06	5.90E-04	5.41E-06	1.44E+00	1.42E-05	9.46E-04	8.81E-03	3.10E-03	6.01E-01
2065-10-01	39	40.5	20.60	4.51	0.0186	2.63	0.0204	0.0176	0.00381	3.72E-06	4.74E-01	5.15E-06	1.16E-03	3.70E-02	4.37E-06	5.86E-04	5.37E-06	1.43E+00	1.41E-05	9.44E-04	8.81E-03	3.08E-03	6.00E-01
2065-11-01	39	40.2	20.50	4.49	0.0185	2.62	0.0203	0.0175	0.00378	3.70E-06	4.74E-01	5.15E-06	1.15E-03	3.68.									

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
Pond 3 Statistics (Year 4 to Year 42)																						
Minimum		0.1162	0.00121677	25.838	0.01367	0.0008551	0.1232	0.135	0.01144	0.0002253	0.0002242	0.00021117	0.0600613	0.018779	0.015366	0.000001747	0.00174151	0.001045	0.00038049	0.0002379	0.00515	0.02065
P10		0.1508	0.00145677	36.638	0.016004	0.0015451	0.1232	0.16296	0.013838	0.0003925	0.0003212	0.00038737	0.0603613	0.033939	0.0154996	0.000002207	0.00306351	0.001199	0.00063469	0.0002829	0.008818	0.03035
Median		0.2108	0.00194677	57.838	0.0208	0.0031851	0.1234	0.2113	0.0195	0.0007753	0.0003222	0.00079717	0.0607613	0.069679	0.015815	0.000002217	0.00631151	0.001524	0.00107249	0.0003739	0.01732	0.03045
P90		0.2408	0.00205677	65.538	0.0228	0.0038551	0.1239	0.2343	0.0218	0.0009323	0.0003242	0.00095117	0.0613613	0.083519	0.015941	0.000002227	0.00763151	0.001684	0.00127249	0.0003959	0.02082	0.03055
Maximum		0.2438	0.00336677	66.238	0.023	0.0038951	0.2464	0.2373	0.022	0.0009433	0.0003242	0.00097017	0.1840613	0.084979	0.015951	0.000002227	0.00775151	0.001699	0.00129249	0.0005599	0.02112	0.03065
Monthly Results																						
2027-01-01	1	1.10E-01	2.03E-03	2.38E+01	1.34E-02	4.82E-04	1.84E-01	1.30E-01	1.02E-02	1.44E-04	2.85E-04	1.28E-04	1.21E-01	1.11E-02	1.53E-02	2.05E-06	9.49E-04	9.82E-04	4.02E-04	3.49E-04	3.28E-03	2.67E-02
2027-02-01	1	1.10E-01	2.00E-03	2.39E+01	1.34E-02	4.93E-04	1.82E-01	1.30E-01	1.02E-02	1.46E-04	2.85E-04	1.31E-04	1.19E-01	1.14E-02	1.53E-02	2.05E-06	9.69E-04	9.83E-04	4.00E-04	3.45E-04	3.33E-03	2.67E-02
2027-03-01	1	1.10E-01	1.95E-03	2.42E+01	1.34E-02	5.09E-04	1.78E-01	1.30E-01	1.03E-02	1.49E-04	2.85E-04	1.34E-04	1.15E-01	1.17E-02	1.53E-02	2.05E-06	1.00E-03	9.85E-04	3.98E-04	3.39E-04	3.41E-03	2.68E-02
2027-04-01	1	1.10E-01	1.79E-03	2.49E+01	1.34E-02	5.64E-04	1.66E-01	1.30E-01	1.05E-02	1.60E-04	2.85E-04	1.48E-04	1.03E-01	1.29E-02	1.53E-02	2.04E-06	1.10E-03	9.90E-04	3.89E-04	3.16E-04	3.67E-03	2.69E-02
2027-05-01	1	1.10E-01	1.55E-03	2.56E+01	1.33E-02	6.32E-04	1.50E-01	1.30E-01	1.07E-02	1.74E-04	2.83E-04	1.65E-04	8.63E-02	1.45E-02	1.53E-02	2.02E-06	1.24E-03	9.95E-04	3.73E-04	2.82E-04	4.00E-03	2.67E-02
2027-06-01	1	1.10E-01	1.53E-03	2.56E+01	1.33E-02	6.40E-04	1.48E-01	1.30E-01	1.07E-02	1.76E-04	2.82E-04	1.67E-04	8.45E-02	1.47E-02	1.53E-02	2.01E-06	1.25E-03	9.96E-04	3.72E-04	2.79E-04	4.03E-03	2.67E-02
2027-07-01	1	1.10E-01	1.53E-03	2.57E+01	1.33E-02	6.43E-04	1.48E-01	1.30E-01	1.07E-02	1.77E-04	2.84E-04	1.68E-04	8.48E-02	1.47E-02	1.53E-02	2.02E-06	1.26E-03	9.97E-04	3.73E-04	2.80E-04	4.05E-03	2.68E-02
2027-08-01	1	1.11E-01	1.54E-03	2.58E+01	1.33E-02	6.46E-04	1.48E-01	1.30E-01	1.07E-02	1.77E-04	2.85E-04	1.68E-04	8.51E-02	1.48E-02	1.53E-02	2.03E-06	1.26E-03	9.97E-04	3.75E-04	2.81E-04	4.06E-03	2.69E-02
2027-09-01	1	1.11E-01	1.54E-03	2.59E+01	1.33E-02	6.48E-04	1.49E-01	1.31E-01	1.08E-02	1.78E-04	2.86E-04	1.69E-04	8.55E-02	1.48E-02	1.53E-02	2.03E-06	1.27E-03	9.98E-04	3.76E-04	2.81E-04	4.08E-03	2.70E-02
2027-10-01	1	1.10E-01	1.53E-03	2.57E+01	1.33E-02	6.43E-04	1.48E-01	1.30E-01	1.07E-02	1.76E-04	2.83E-04	1.68E-04	8.48E-02	1.47E-02	1.53E-02	2.02E-06	1.26E-03	9.96E-04	3.73E-04	2.80E-04	4.05E-03	2.68E-02
2027-11-01	1	1.10E-01	1.52E-03	2.56E+01	1.33E-02	6.40E-04	1.48E-01	1.30E-01	1.07E-02	1.76E-04	2.82E-04	1.67E-04	8.43E-02	1.46E-02	1.53E-02	2.01E-06	1.25E-03	9.96E-04	3.71E-04	2.79E-04	4.03E-03	2.67E-02
2027-12-01	1	1.10E-01	1.52E-03	2.56E+01	1.33E-02	6.38E-04	1.47E-01	1.30E-01	1.07E-02	1.75E-04	2.81E-04	1.66E-04	8.41E-02	1.46E-02	1.53E-02	2.01E-06	1.25E-03	9.95E-04	3.70E-04	2.78E-04	4.02E-03	2.66E-02
2028-01-01	2	1.10E-01	1.52E-03	2.56E+01	1.33E-02	6.38E-04	1.47E-01	1.30E-01	1.07E-02	1.75E-04	2.81E-04	1.66E-04	8.42E-02	1.46E-02	1.53E-02	2.01E-06	1.25E-03	9.95E-04	3.70E-04	2.78E-04	4.02E-03	2.66E-02
2028-02-01	2	1.11E-01	1.49E-03	2.58E+01	1.33E-02	6.38E-04	1.45E-01	1.31E-01	1.07E-02	1.75E-04	2.85E-04	1.66E-04	8.21E-02	1.46E-02	1.53E-02	2.03E-06	1.25E-03	9.96E-04	3.66E-04	2.74E-04	4.02E-03	2.70E-02
2028-03-01	2	1.14E-01	1.45E-03	2.61E+01	1.32E-02	6.37E-04	1.42E-01	1.32E-01	1.07E-02	1.75E-04	2.91E-04	1.65E-04	7.92E-02	1.45E-02	1.53E-02	2.06E-06	1.25E-03	9.96E-04	3.59E-04	2.67E-04	4.01E-03	2.75E-02
2028-04-01	2	1.21E-01	1.31E-03	2.72E+01	1.31E-02	6.34E-04	1.33E-01	1.37E-01	1.07E-02	1.73E-04	3.07E-04	1.62E-04	6.99E-02	1.43E-02	1.53E-02	2.15E-06	1.26E-03	9.97E-04	3.37E-04	2.47E-04	3.98E-03	2.91E-02
2028-05-01	2	1.27E-01	1.17E-03	2.80E+01	1.30E-02	6.26E-04	1.24E-01	1.41E-01	1.07E-02	1.70E-04	3.21E-04	1.58E-04	6.07E-02	1.41E-02	1.53E-02	2.21E-06	1.25E-03	9.96E-04	3.15E-04	2.27E-04	3.93E-03	3.04E-02
2028-06-01	2	1.27E-01	1.16E-03	2.80E+01	1.30E-02	6.26E-04	1.23E-01	1.42E-01	1.07E-02	1.70E-04	3.22E-04	1.58E-04	6.02E-02	1.41E-02	1.53E-02	2.22E-06	1.25E-03	9.96E-04	3.14E-04	2.26E-04	3.92E-03	3.05E-02
2028-07-01	2	1.27E-01	1.16E-03	2.81E+01	1.30E-02	6.28E-04	1.24E-01	1.42E-01	1.07E-02	1.70E-04	3.23E-04	1.58E-04	6.04E-02	1.41E-02	1.53E-02	2.22E-06	1.26E-03	9.97E-04	3.15E-04	2.27E-04	3.94E-03	3.06E-02
2028-08-01	2	1.28E-01	1.17E-03	2.82E+01	1.30E-02	6.30E-04	1.24E-01	1.42E-01	1.07E-02	1.71E-04	3.24E-04	1.59E-04	6.06E-02	1.41E-02	1.53E-02	2.23E-06	1.26E-03	9.97E-04	3.15E-04	2.27E-04	3.94E-03	3.06E-02
2028-09-01	2	1.28E-01	1.17E-03	2.83E+01	1.30E-02	6.32E-04	1.24E-01	1.42E-01	1.07E-02	1.71E-04	3.24E-04	1.59E-04	6.08E-02	1.42E-02	1.53E-02	2.23E-06	1.26E-03	9.97E-04	3.16E-04	2.28E-04	3.95E-03	3.07E-02
2028-10-01	2	1.27E-01	1.16E-03	2.81E+01	1.30E-02	6.27E-04	1.24E-01	1.42E-01	1.07E-02	1.70E-04	3.22E-04	1.58E										

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorus mg/L
2032-08-01	6	1.66E-01	1.49E-03	4.21E+01	1.66E-02	1.83E-03	1.24E-01	1.73E-01	1.48E-02	4.53E-04	3.24E-04	4.54E-04	6.08E-02	3.99E-02	1.56E-02	2.23E-06	3.63E-03	1.24E-03	6.71E-04	2.90E-04	1.02E-02	3.06E-02
2032-09-01	6	1.66E-01	1.50E-03	4.22E+01	1.66E-02	1.84E-03	1.24E-01	1.73E-01	1.48E-02	4.55E-04	3.24E-04	4.55E-04	6.10E-02	4.00E-02	1.56E-02	2.23E-06	3.64E-03	1.24E-03	6.73E-04	2.91E-04	1.02E-02	3.07E-02
2032-10-01	6	1.65E-01	1.49E-03	4.20E+01	1.65E-02	1.82E-03	1.24E-01	1.72E-01	1.48E-02	4.52E-04	3.22E-04	4.52E-04	6.06E-02	3.98E-02	1.55E-02	2.22E-06	3.62E-03	1.24E-03	6.69E-04	2.89E-04	1.02E-02	3.05E-02
2032-11-01	6	1.65E-01	1.48E-03	4.18E+01	1.65E-02	1.82E-03	1.23E-01	1.72E-01	1.48E-02	4.50E-04	3.21E-04	4.50E-04	6.04E-02	3.96E-02	1.55E-02	2.22E-06	3.60E-03	1.24E-03	6.67E-04	2.88E-04	1.02E-02	3.04E-02
2032-12-01	6	1.65E-01	1.48E-03	4.17E+01	1.65E-02	1.81E-03	1.23E-01	1.72E-01	1.48E-02	4.50E-04	3.21E-04	4.50E-04	6.03E-02	3.96E-02	1.55E-02	2.21E-06	3.60E-03	1.23E-03	6.65E-04	2.88E-04	1.01E-02	3.04E-02
2033-01-01	7	1.65E-01	1.48E-03	4.18E+01	1.65E-02	1.81E-03	1.23E-01	1.72E-01	1.48E-02	4.50E-04	3.21E-04	4.50E-04	6.03E-02	3.96E-02	1.55E-02	2.21E-06	3.60E-03	1.23E-03	6.66E-04	2.88E-04	1.01E-02	3.04E-02
2033-02-01	7	1.65E-01	1.49E-03	4.19E+01	1.66E-02	1.83E-03	1.23E-01	1.72E-01	1.48E-02	4.52E-04	3.21E-04	4.52E-04	6.04E-02	3.98E-02	1.55E-02	2.22E-06	3.62E-03	1.24E-03	6.69E-04	2.89E-04	1.02E-02	3.04E-02
2033-03-01	7	1.66E-01	1.49E-03	4.21E+01	1.66E-02	1.84E-03	1.23E-01	1.73E-01	1.48E-02	4.56E-04	3.22E-04	4.56E-04	6.05E-02	4.02E-02	1.56E-02	2.22E-06	3.65E-03	1.24E-03	6.74E-04	2.90E-04	1.03E-02	3.05E-02
2033-04-01	7	1.69E-01	1.51E-03	4.28E+01	1.68E-02	1.89E-03	1.24E-01	1.75E-01	1.50E-02	4.68E-04	3.23E-04	4.68E-04	6.07E-02	4.12E-02	1.56E-02	2.23E-06	3.75E-03	1.25E-03	6.88E-04	2.93E-04	1.05E-02	3.06E-02
2033-05-01	7	1.70E-01	1.51E-03	4.30E+01	1.69E-02	1.92E-03	1.23E-01	1.76E-01	1.51E-02	4.74E-04	3.22E-04	4.74E-04	6.05E-02	4.18E-02	1.56E-02	2.22E-06	3.81E-03	1.26E-03	6.96E-04	2.94E-04	1.07E-02	3.05E-02
2033-06-01	7	1.70E-01	1.52E-03	4.30E+01	1.69E-02	1.92E-03	1.23E-01	1.76E-01	1.51E-02	4.75E-04	3.22E-04	4.75E-04	6.05E-02	4.18E-02	1.56E-02	2.22E-06	3.81E-03	1.26E-03	6.97E-04	2.94E-04	1.07E-02	3.05E-02
2033-07-01	7	1.71E-01	1.52E-03	4.32E+01	1.69E-02	1.93E-03	1.24E-01	1.77E-01	1.51E-02	4.76E-04	3.23E-04	4.76E-04	6.07E-02	4.19E-02	1.56E-02	2.22E-06	3.83E-03	1.26E-03	6.99E-04	2.95E-04	1.07E-02	3.06E-02
2033-08-01	7	1.71E-01	1.52E-03	4.33E+01	1.69E-02	1.93E-03	1.24E-01	1.77E-01	1.52E-02	4.78E-04	3.24E-04	4.77E-04	6.08E-02	4.20E-02	1.56E-02	2.23E-06	3.84E-03	1.27E-03	7.01E-04	2.95E-04	1.07E-02	3.06E-02
2033-09-01	7	1.71E-01	1.53E-03	4.34E+01	1.69E-02	1.94E-03	1.24E-01	1.77E-01	1.52E-02	4.79E-04	3.24E-04	4.79E-04	6.10E-02	4.22E-02	1.56E-02	2.23E-06	3.85E-03	1.27E-03	7.03E-04	2.96E-04	1.08E-02	3.07E-02
2033-10-01	7	1.70E-01	1.52E-03	4.31E+01	1.69E-02	1.93E-03	1.24E-01	1.77E-01	1.51E-02	4.76E-04	3.22E-04	4.76E-04	6.06E-02	4.19E-02	1.56E-02	2.22E-06	3.82E-03	1.26E-03	6.98E-04	2.94E-04	1.07E-02	3.05E-02
2033-11-01	7	1.70E-01	1.51E-03	4.30E+01	1.69E-02	1.92E-03	1.23E-01	1.76E-01	1.51E-02	4.74E-04	3.21E-04	4.74E-04	6.04E-02	4.18E-02	1.56E-02	2.22E-06	3.81E-03	1.26E-03	6.96E-04	2.94E-04	1.07E-02	3.04E-02
2033-12-01	7	1.70E-01	1.51E-03	4.29E+01	1.69E-02	1.92E-03	1.23E-01	1.76E-01	1.51E-02	4.74E-04	3.21E-04	4.73E-04	6.03E-02	4.17E-02	1.56E-02	2.21E-06	3.80E-03	1.26E-03	6.95E-04	2.93E-04	1.06E-02	3.04E-02
2034-01-01	8	1.70E-01	1.51E-03	4.29E+01	1.69E-02	1.92E-03	1.23E-01	1.76E-01	1.51E-02	4.74E-04	3.21E-04	4.73E-04	6.03E-02	4.17E-02	1.56E-02	2.21E-06	3.80E-03	1.26E-03	6.95E-04	2.93E-04	1.06E-02	3.04E-02
2034-02-01	8	1.70E-01	1.52E-03	4.31E+01	1.69E-02	1.93E-03	1.23E-01	1.76E-01	1.51E-02	4.76E-04	3.21E-04	4.76E-04	6.04E-02	4.20E-02	1.56E-02	2.22E-06	3.82E-03	1.26E-03	6.98E-04	2.94E-04	1.07E-02	3.04E-02
2034-03-01	8	1.70E-01	1.52E-03	4.33E+01	1.69E-02	1.94E-03	1.23E-01	1.77E-01	1.52E-02	4.80E-04	3.22E-04	4.81E-04	6.05E-02	4.23E-02	1.56E-02	2.22E-06	3.85E-03	1.27E-03	7.04E-04	2.95E-04	1.08E-02	3.05E-02
2034-04-01	8	1.71E-01	1.54E-03	4.39E+01	1.71E-02	1.99E-03	1.24E-01	1.77E-01	1.54E-02	4.92E-04	3.23E-04	4.94E-04	6.07E-02	4.35E-02	1.56E-02	2.23E-06	3.94E-03	1.27E-03	7.19E-04	2.98E-04	1.10E-02	3.06E-02
2034-05-01	8	1.71E-01	1.54E-03	4.42E+01	1.71E-02	2.02E-03	1.23E-01	1.77E-01	1.55E-02	4.98E-04	3.22E-04	5.02E-04	6.05E-02	4.42E-02	1.56E-02	2.22E-06	3.99E-03	1.28E-03	7.28E-04	2.99E-04	1.12E-02	3.05E-02
2034-06-01	8	1.71E-01	1.54E-03	4.42E+01	1.71E-02	2.02E-03	1.23E-01	1.78E-01	1.55E-02	4.99E-04	3.22E-04	5.03E-04	6.05E-02	4.42E-02	1.56E-02	2.22E-06	4.00E-03	1.28E-03	7.28E-04	2.99E-04	1.12E-02	3.05E-02
2034-07-01	8	1.71E-01	1.55E-03	4.44E+01	1.72E-02	2.03E-03	1.24E-01	1.78E-01	1.55E-02	5.00E-04	3.23E-04	5.04E-04	6.07E-02	4.43E-02	1.56E-02	2.22E-06	4.01E-03	1.28E-03	7.31E-04	3.00E-04	1.12E-02	3.06E-02
2034-08-01	8	1.72E-01	1.55E-03	4.45E+01	1.72E-02	2.04E-03	1.24E-01	1.78E-01	1.55E-02	5.01E-04	3.24E-04	5.06E-04	6.08E-02	4.45E-02	1.56E-02	2.23E-06	4.02E-03	1.28E-03	7.33E-04	3.01E-04	1.13E-02	3.06E-02
2034-09-01	8	1.72E-01	1.56E-03	4.46E+01	1.72E-02	2.04E-03	1.24E-01	1.78E-01	1.55E-02	5.03E-04	3.2											

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese	Molybdenum	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2038-10-01	12	1.86E-01	1.73E-03	5.20E+01	1.91E-02	2.70E-03	1.24E-01	1.93E-01	1.78E-02	6.56E-04	3.22E-04	6.78E-04	6.07E-02	5.94E-02	1.57E-02	2.22E-06	5.26E-03	1.41E-03	9.33E-04	3.34E-04	1.47E-02	3.05E-02
2038-11-01	12	1.85E-01	1.72E-03	5.19E+01	1.91E-02	2.69E-03	1.23E-01	1.92E-01	1.78E-02	6.54E-04	3.21E-04	6.76E-04	6.05E-02	5.92E-02	1.57E-02	2.22E-06	5.24E-03	1.40E-03	9.30E-04	3.34E-04	1.46E-02	3.04E-02
2038-12-01	12	1.85E-01	1.72E-03	5.18E+01	1.91E-02	2.69E-03	1.23E-01	1.92E-01	1.78E-02	6.53E-04	3.21E-04	6.75E-04	6.04E-02	5.91E-02	1.57E-02	2.21E-06	5.23E-03	1.40E-03	9.28E-04	3.33E-04	1.46E-02	3.04E-02
2039-01-01	13	1.85E-01	1.72E-03	5.18E+01	1.91E-02	2.69E-03	1.23E-01	1.92E-01	1.78E-02	6.53E-04	3.21E-04	6.75E-04	6.05E-02	5.91E-02	1.57E-02	2.21E-06	5.23E-03	1.40E-03	9.29E-04	3.33E-04	1.46E-02	3.04E-02
2039-02-01	13	1.87E-01	1.73E-03	5.23E+01	1.92E-02	2.73E-03	1.23E-01	1.93E-01	1.79E-02	6.62E-04	3.21E-04	6.85E-04	6.05E-02	6.00E-02	1.57E-02	2.22E-06	5.31E-03	1.41E-03	9.40E-04	3.35E-04	1.48E-02	3.04E-02
2039-03-01	13	1.89E-01	1.75E-03	5.29E+01	1.93E-02	2.78E-03	1.23E-01	1.95E-01	1.81E-02	6.76E-04	3.22E-04	6.99E-04	6.06E-02	6.12E-02	1.57E-02	2.22E-06	5.42E-03	1.42E-03	9.57E-04	3.39E-04	1.51E-02	3.05E-02
2039-04-01	13	1.95E-01	1.80E-03	5.51E+01	1.99E-02	2.96E-03	1.24E-01	2.00E-01	1.87E-02	7.17E-04	3.23E-04	7.44E-04	6.09E-02	6.51E-02	1.58E-02	2.23E-06	5.77E-03	1.46E-03	1.01E-03	3.48E-04	1.61E-02	3.06E-02
2039-05-01	13	1.99E-01	1.84E-03	5.66E+01	2.03E-02	3.10E-03	1.23E-01	2.03E-01	1.92E-02	7.49E-04	3.22E-04	7.78E-04	6.07E-02	6.81E-02	1.58E-02	2.22E-06	6.03E-03	1.48E-03	1.05E-03	3.55E-04	1.68E-02	3.05E-02
2039-06-01	13	1.99E-01	1.84E-03	5.67E+01	2.03E-02	3.11E-03	1.23E-01	2.04E-01	1.92E-02	7.51E-04	3.22E-04	7.80E-04	6.07E-02	6.83E-02	1.58E-02	2.22E-06	6.04E-03	1.49E-03	1.05E-03	3.55E-04	1.68E-02	3.05E-02
2039-07-01	13	2.00E-01	1.84E-03	5.68E+01	2.03E-02	3.12E-03	1.24E-01	2.04E-01	1.93E-02	7.53E-04	3.23E-04	7.82E-04	6.09E-02	6.85E-02	1.58E-02	2.22E-06	6.06E-03	1.49E-03	1.05E-03	3.56E-04	1.69E-02	3.06E-02
2039-08-01	13	2.00E-01	1.85E-03	5.70E+01	2.04E-02	3.12E-03	1.24E-01	2.04E-01	1.93E-02	7.55E-04	3.24E-04	7.84E-04	6.10E-02	6.87E-02	1.58E-02	2.23E-06	6.08E-03	1.49E-03	1.06E-03	3.57E-04	1.69E-02	3.06E-02
2039-09-01	13	2.01E-01	1.85E-03	5.71E+01	2.04E-02	3.13E-03	1.24E-01	2.05E-01	1.93E-02	7.58E-04	3.24E-04	7.87E-04	6.12E-02	6.89E-02	1.58E-02	2.23E-06	6.10E-03	1.49E-03	1.06E-03	3.58E-04	1.69E-02	3.07E-02
2039-10-01	13	1.99E-01	1.84E-03	5.68E+01	2.03E-02	3.11E-03	1.24E-01	2.04E-01	1.93E-02	7.53E-04	3.22E-04	7.82E-04	6.08E-02	6.84E-02	1.58E-02	2.22E-06	6.06E-03	1.49E-03	1.05E-03	3.56E-04	1.68E-02	3.05E-02
2039-11-01	13	1.99E-01	1.84E-03	5.66E+01	2.03E-02	3.10E-03	1.23E-01	2.04E-01	1.92E-02	7.50E-04	3.21E-04	7.79E-04	6.06E-02	6.82E-02	1.58E-02	2.22E-06	6.04E-03	1.48E-03	1.05E-03	3.55E-04	1.68E-02	3.04E-02
2039-12-01	13	1.99E-01	1.83E-03	5.65E+01	2.03E-02	3.10E-03	1.23E-01	2.03E-01	1.92E-02	7.49E-04	3.21E-04	7.78E-04	6.05E-02	6.81E-02	1.58E-02	2.21E-06	6.03E-03	1.48E-03	1.05E-03	3.54E-04	1.68E-02	3.04E-02
2040-01-01	14	1.99E-01	1.83E-03	5.65E+01	2.03E-02	3.10E-03	1.23E-01	2.03E-01	1.92E-02	7.49E-04	3.21E-04	7.78E-04	6.05E-02	6.81E-02	1.58E-02	2.21E-06	6.03E-03	1.48E-03	1.05E-03	3.55E-04	1.68E-02	3.04E-02
2040-02-01	14	2.00E-01	1.84E-03	5.69E+01	2.04E-02	3.13E-03	1.23E-01	2.04E-01	1.93E-02	7.56E-04	3.21E-04	7.85E-04	6.06E-02	6.88E-02	1.58E-02	2.22E-06	6.09E-03	1.49E-03	1.06E-03	3.56E-04	1.69E-02	3.04E-02
2040-03-01	14	2.01E-01	1.86E-03	5.75E+01	2.05E-02	3.17E-03	1.23E-01	2.05E-01	1.95E-02	7.67E-04	3.22E-04	7.97E-04	6.07E-02	6.97E-02	1.58E-02	2.22E-06	6.18E-03	1.50E-03	1.07E-03	3.59E-04	1.72E-02	3.05E-02
2040-04-01	14	2.06E-01	1.90E-03	5.92E+01	2.09E-02	3.31E-03	1.24E-01	2.09E-01	2.00E-02	8.00E-04	3.23E-04	8.31E-04	6.10E-02	7.28E-02	1.58E-02	2.23E-06	6.46E-03	1.52E-03	1.11E-03	3.67E-04	1.79E-02	3.06E-02
2040-05-01	14	2.09E-01	1.92E-03	6.02E+01	2.12E-02	3.41E-03	1.23E-01	2.12E-01	2.03E-02	8.24E-04	3.22E-04	8.56E-04	6.07E-02	7.49E-02	1.59E-02	2.22E-06	6.65E-03	1.54E-03	1.14E-03	3.71E-04	1.84E-02	3.05E-02
2040-06-01	14	2.10E-01	1.92E-03	6.03E+01	2.12E-02	3.42E-03	1.23E-01	2.12E-01	2.03E-02	8.25E-04	3.22E-04	8.57E-04	6.08E-02	7.50E-02	1.59E-02	2.22E-06	6.66E-03	1.54E-03	1.14E-03	3.72E-04	1.84E-02	3.05E-02
2040-07-01	14	2.10E-01	1.93E-03	6.05E+01	2.12E-02	3.43E-03	1.24E-01	2.12E-01	2.04E-02	8.28E-04	3.23E-04	8.60E-04	6.09E-02	7.53E-02	1.59E-02	2.22E-06	6.68E-03	1.55E-03	1.15E-03	3.73E-04	1.85E-02	3.06E-02
2040-08-01	14	2.11E-01	1.93E-03	6.06E+01	2.13E-02	3.44E-03	1.24E-01	2.13E-01	2.04E-02	8.30E-04	3.24E-04	8.63E-04	6.11E-02	7.55E-02	1.59E-02	2.23E-06	6.70E-03	1.55E-03	1.15E-03	3.73E-04	1.85E-02	3.06E-02
2040-09-01	14	2.11E-01	1.94E-03	6.08E+01	2.13E-02	3.45E-03	1.24E-01	2.13E-01	2.04E-02	8.32E-04	3.24E-04	8.65E-04	6.13E-02	7.57E-02	1.59E-02	2.23E-06	6.72E-03	1.55E-03	1.16E-03	3.74E-04	1.86E-02	3.07E-02
2040-10-01	14	2.10E-01	1.93E-03	6.04E+01	2.12E-02	3.43E-03	1.24E-01	2.12E-01	2.04E-02	8.27E-04	3.22E-04	8.59E-04	6.09E-02	7.52E-02	1.59E-02	2.22E-06	6.68E-03	1.55E-03	1.15E-03	3.72E-04	1.85E-02	3.05E-02
2040-11-01	14	2.09E-01	1.92E-03	6.02E+01	2.12E-02																	

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese	Molybdenum	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2044-12-01	18	2.34E-01	2.04E-03	6.52E+01	2.26E-02	3.84E-03	1.23E-01	2.29E-01	2.17E-02	9.27E-04	3.21E-04	9.52E-04	6.07E-02	8.35E-02	1.59E-02	2.21E-06	7.57E-03	1.66E-03	1.27E-03	3.94E-04	2.07E-02	3.04E-02
2045-01-01	19	2.34E-01	2.04E-03	6.52E+01	2.27E-02	3.84E-03	1.23E-01	2.29E-01	2.18E-02	9.27E-04	3.21E-04	9.52E-04	6.07E-02	8.35E-02	1.59E-02	2.21E-06	7.57E-03	1.66E-03	1.27E-03	3.94E-04	2.07E-02	3.04E-02
2045-02-01	19	2.34E-01	2.04E-03	6.53E+01	2.27E-02	3.85E-03	1.23E-01	2.29E-01	2.18E-02	9.28E-04	3.21E-04	9.52E-04	6.08E-02	8.36E-02	1.59E-02	2.22E-06	7.58E-03	1.66E-03	1.27E-03	3.94E-04	2.07E-02	3.04E-02
2045-03-01	19	2.35E-01	2.05E-03	6.54E+01	2.27E-02	3.85E-03	1.23E-01	2.30E-01	2.18E-02	9.30E-04	3.22E-04	9.54E-04	6.09E-02	8.37E-02	1.59E-02	2.22E-06	7.60E-03	1.66E-03	1.27E-03	3.95E-04	2.08E-02	3.05E-02
2045-04-01	19	2.37E-01	2.05E-03	6.56E+01	2.28E-02	3.87E-03	1.24E-01	2.32E-01	2.18E-02	9.33E-04	3.23E-04	9.55E-04	6.11E-02	8.39E-02	1.59E-02	2.23E-06	7.64E-03	1.67E-03	1.27E-03	3.96E-04	2.08E-02	3.06E-02
2045-05-01	19	2.38E-01	2.05E-03	6.54E+01	2.27E-02	3.85E-03	1.23E-01	2.32E-01	2.18E-02	9.30E-04	3.22E-04	9.50E-04	6.08E-02	8.34E-02	1.59E-02	2.22E-06	7.61E-03	1.67E-03	1.27E-03	3.95E-04	2.08E-02	3.05E-02
2045-06-01	19	2.38E-01	2.05E-03	6.54E+01	2.27E-02	3.85E-03	1.23E-01	2.32E-01	2.18E-02	9.30E-04	3.22E-04	9.50E-04	6.09E-02	8.34E-02	1.59E-02	2.22E-06	7.61E-03	1.67E-03	1.27E-03	3.95E-04	2.08E-02	3.05E-02
2045-07-01	19	2.38E-01	2.05E-03	6.56E+01	2.28E-02	3.86E-03	1.24E-01	2.32E-01	2.18E-02	9.33E-04	3.23E-04	9.53E-04	6.11E-02	8.37E-02	1.59E-02	2.22E-06	7.64E-03	1.67E-03	1.27E-03	3.96E-04	2.08E-02	3.06E-02
2045-08-01	19	2.39E-01	2.06E-03	6.57E+01	2.28E-02	3.87E-03	1.24E-01	2.33E-01	2.18E-02	9.35E-04	3.24E-04	9.55E-04	6.12E-02	8.39E-02	1.59E-02	2.23E-06	7.66E-03	1.67E-03	1.27E-03	3.97E-04	2.09E-02	3.06E-02
2045-09-01	19	2.39E-01	2.06E-03	6.59E+01	2.29E-02	3.88E-03	1.24E-01	2.33E-01	2.19E-02	9.38E-04	3.24E-04	9.58E-04	6.14E-02	8.42E-02	1.59E-02	2.23E-06	7.68E-03	1.68E-03	1.28E-03	3.98E-04	2.09E-02	3.07E-02
2045-10-01	19	2.38E-01	2.05E-03	6.55E+01	2.28E-02	3.86E-03	1.24E-01	2.32E-01	2.18E-02	9.32E-04	3.22E-04	9.52E-04	6.10E-02	8.36E-02	1.59E-02	2.22E-06	7.63E-03	1.67E-03	1.27E-03	3.96E-04	2.08E-02	3.05E-02
2045-11-01	19	2.37E-01	2.04E-03	6.53E+01	2.27E-02	3.84E-03	1.23E-01	2.32E-01	2.17E-02	9.29E-04	3.21E-04	9.49E-04	6.08E-02	8.33E-02	1.59E-02	2.22E-06	7.60E-03	1.67E-03	1.27E-03	3.94E-04	2.07E-02	3.04E-02
2045-12-01	19	2.37E-01	2.04E-03	6.52E+01	2.27E-02	3.84E-03	1.23E-01	2.31E-01	2.17E-02	9.27E-04	3.21E-04	9.47E-04	6.07E-02	8.32E-02	1.59E-02	2.21E-06	7.59E-03	1.67E-03	1.26E-03	3.94E-04	2.07E-02	3.04E-02
2046-01-01	20	2.37E-01	2.04E-03	6.52E+01	2.27E-02	3.84E-03	1.23E-01	2.31E-01	2.17E-02	9.27E-04	3.21E-04	9.47E-04	6.07E-02	8.32E-02	1.59E-02	2.21E-06	7.59E-03	1.67E-03	1.26E-03	3.94E-04	2.07E-02	3.04E-02
2046-02-01	20	2.38E-01	2.04E-03	6.53E+01	2.27E-02	3.84E-03	1.23E-01	2.32E-01	2.17E-02	9.29E-04	3.21E-04	9.48E-04	6.08E-02	8.33E-02	1.59E-02	2.22E-06	7.61E-03	1.67E-03	1.27E-03	3.94E-04	2.07E-02	3.04E-02
2046-03-01	20	2.38E-01	2.05E-03	6.54E+01	2.28E-02	3.85E-03	1.23E-01	2.32E-01	2.18E-02	9.31E-04	3.22E-04	9.50E-04	6.09E-02	8.35E-02	1.59E-02	2.22E-06	7.63E-03	1.67E-03	1.27E-03	3.95E-04	2.08E-02	3.05E-02
2046-04-01	20	2.41E-01	2.06E-03	6.57E+01	2.29E-02	3.87E-03	1.24E-01	2.34E-01	2.18E-02	9.36E-04	3.23E-04	9.54E-04	6.11E-02	8.38E-02	1.59E-02	2.23E-06	7.67E-03	1.68E-03	1.27E-03	3.97E-04	2.09E-02	3.06E-02
2046-05-01	20	2.41E-01	2.05E-03	6.55E+01	2.28E-02	3.86E-03	1.23E-01	2.34E-01	2.18E-02	9.34E-04	3.22E-04	9.50E-04	6.09E-02	8.35E-02	1.59E-02	2.22E-06	7.66E-03	1.68E-03	1.27E-03	3.96E-04	2.08E-02	3.05E-02
2046-06-01	20	2.41E-01	2.05E-03	6.56E+01	2.29E-02	3.86E-03	1.23E-01	2.34E-01	2.18E-02	9.34E-04	3.22E-04	9.50E-04	6.09E-02	8.35E-02	1.59E-02	2.22E-06	7.66E-03	1.68E-03	1.27E-03	3.96E-04	2.09E-02	3.05E-02
2046-07-01	20	2.42E-01	2.06E-03	6.58E+01	2.29E-02	3.88E-03	1.24E-01	2.35E-01	2.18E-02	9.37E-04	3.23E-04	9.53E-04	6.11E-02	8.38E-02	1.59E-02	2.22E-06	7.69E-03	1.68E-03	1.27E-03	3.97E-04	2.09E-02	3.06E-02
2046-08-01	20	2.42E-01	2.06E-03	6.59E+01	2.29E-02	3.89E-03	1.24E-01	2.35E-01	2.19E-02	9.39E-04	3.24E-04	9.56E-04	6.12E-02	8.40E-02	1.59E-02	2.23E-06	7.71E-03	1.69E-03	1.28E-03	3.98E-04	2.10E-02	3.06E-02
2046-09-01	20	2.43E-01	2.07E-03	6.61E+01	2.30E-02	3.90E-03	1.24E-01	2.36E-01	2.19E-02	9.42E-04	3.24E-04	9.59E-04	6.14E-02	8.43E-02	1.60E-02	2.23E-06	7.73E-03	1.69E-03	1.28E-03	3.99E-04	2.10E-02	3.07E-02
2046-10-01	20	2.42E-01	2.06E-03	6.57E+01	2.29E-02	3.87E-03	1.24E-01	2.35E-01	2.18E-02	9.36E-04	3.22E-04	9.52E-04	6.10E-02	8.37E-02	1.59E-02	2.22E-06	7.68E-03	1.68E-03	1.27E-03	3.97E-04	2.09E-02	3.05E-02
2046-11-01	20	2.41E-01	2.05E-03	6.55E+01	2.28E-02	3.86E-03	1.23E-01	2.34E-01	2.18E-02	9.33E-04	3.21E-04	9.49E-04	6.08E-02	8.34E-02	1.59E-02	2.22E-06	7.65E-03	1.68E-03	1.27E-03	3.95E-04	2.08E-02	3.04E-02
2046-12-01	20	2.41E-01	2.05E-03	6.54E+01	2.28E-02	3.85E-03	1.23E-01	2.34E-01	2.18E-02	9.31E-04	3.21E-04	9.47E-04	6.07E-02	8.33E-02	1.59E-02	2.21E-06	7.64E-03	1.68E-03	1.27E-03	3.95E-04	2.08E-02	3.04E-02
2047-01-01	21	2.41E-01	2.05E-03	6.54E+01	2.28E-02																	

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese	Molybdenum	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2051-02-01	25	2.31E-01	1.97E-03	6.20E+01	2.19E-02	3.55E-03	1.23E-01	2.26E-01	2.07E-02	8.61E-04	3.21E-04	8.74E-04	6.07E-02	7.68E-02	1.59E-02	2.22E-06	7.06E-03	1.62E-03	1.18E-03	3.79E-04	1.92E-02	3.04E-02
2051-03-01	25	2.31E-01	1.97E-03	6.20E+01	2.19E-02	3.55E-03	1.23E-01	2.26E-01	2.07E-02	8.61E-04	3.22E-04	8.73E-04	6.08E-02	7.68E-02	1.59E-02	2.22E-06	7.05E-03	1.62E-03	1.18E-03	3.80E-04	1.92E-02	3.05E-02
2051-04-01	25	2.31E-01	1.97E-03	6.18E+01	2.19E-02	3.54E-03	1.24E-01	2.26E-01	2.07E-02	8.57E-04	3.23E-04	8.68E-04	6.10E-02	7.64E-02	1.59E-02	2.23E-06	7.02E-03	1.62E-03	1.17E-03	3.79E-04	1.91E-02	3.06E-02
2051-05-01	25	2.30E-01	1.95E-03	6.13E+01	2.18E-02	3.49E-03	1.23E-01	2.24E-01	2.05E-02	8.47E-04	3.22E-04	8.58E-04	6.08E-02	7.55E-02	1.59E-02	2.22E-06	6.94E-03	1.61E-03	1.16E-03	3.77E-04	1.89E-02	3.05E-02
2051-06-01	25	2.30E-01	1.95E-03	6.13E+01	2.18E-02	3.49E-03	1.23E-01	2.24E-01	2.05E-02	8.47E-04	3.22E-04	8.58E-04	6.08E-02	7.55E-02	1.59E-02	2.22E-06	6.94E-03	1.61E-03	1.16E-03	3.77E-04	1.89E-02	3.05E-02
2051-07-01	25	2.30E-01	1.96E-03	6.15E+01	2.18E-02	3.50E-03	1.24E-01	2.25E-01	2.06E-02	8.50E-04	3.23E-04	8.60E-04	6.10E-02	7.57E-02	1.59E-02	2.22E-06	6.97E-03	1.61E-03	1.16E-03	3.78E-04	1.90E-02	3.06E-02
2051-08-01	25	2.31E-01	1.96E-03	6.16E+01	2.18E-02	3.51E-03	1.24E-01	2.25E-01	2.06E-02	8.52E-04	3.24E-04	8.63E-04	6.11E-02	7.59E-02	1.59E-02	2.23E-06	6.98E-03	1.62E-03	1.17E-03	3.78E-04	1.90E-02	3.06E-02
2051-09-01	25	2.31E-01	1.97E-03	6.18E+01	2.19E-02	3.52E-03	1.24E-01	2.26E-01	2.06E-02	8.55E-04	3.24E-04	8.65E-04	6.13E-02	7.61E-02	1.59E-02	2.23E-06	7.00E-03	1.62E-03	1.17E-03	3.79E-04	1.91E-02	3.07E-02
2051-10-01	25	2.30E-01	1.96E-03	6.14E+01	2.18E-02	3.50E-03	1.24E-01	2.25E-01	2.05E-02	8.49E-04	3.22E-04	8.60E-04	6.09E-02	7.56E-02	1.59E-02	2.22E-06	6.96E-03	1.61E-03	1.16E-03	3.77E-04	1.90E-02	3.05E-02
2051-11-01	25	2.29E-01	1.95E-03	6.12E+01	2.18E-02	3.49E-03	1.23E-01	2.24E-01	2.05E-02	8.46E-04	3.21E-04	8.57E-04	6.07E-02	7.54E-02	1.59E-02	2.22E-06	6.93E-03	1.61E-03	1.16E-03	3.76E-04	1.89E-02	3.04E-02
2051-12-01	25	2.29E-01	1.95E-03	6.11E+01	2.17E-02	3.48E-03	1.23E-01	2.24E-01	2.05E-02	8.45E-04	3.21E-04	8.55E-04	6.06E-02	7.52E-02	1.59E-02	2.21E-06	6.92E-03	1.61E-03	1.16E-03	3.76E-04	1.89E-02	3.04E-02
2052-01-01	26	2.29E-01	1.95E-03	6.11E+01	2.17E-02	3.48E-03	1.23E-01	2.24E-01	2.05E-02	8.45E-04	3.21E-04	8.56E-04	6.06E-02	7.53E-02	1.59E-02	2.21E-06	6.92E-03	1.61E-03	1.16E-03	3.76E-04	1.89E-02	3.04E-02
2052-02-01	26	2.29E-01	1.95E-03	6.12E+01	2.18E-02	3.49E-03	1.23E-01	2.24E-01	2.05E-02	8.46E-04	3.21E-04	8.56E-04	6.07E-02	7.54E-02	1.59E-02	2.22E-06	6.93E-03	1.61E-03	1.16E-03	3.76E-04	1.89E-02	3.04E-02
2052-03-01	26	2.30E-01	1.95E-03	6.13E+01	2.18E-02	3.50E-03	1.23E-01	2.25E-01	2.05E-02	8.48E-04	3.22E-04	8.58E-04	6.08E-02	7.55E-02	1.59E-02	2.22E-06	6.95E-03	1.61E-03	1.16E-03	3.77E-04	1.89E-02	3.05E-02
2052-04-01	26	2.31E-01	1.96E-03	6.16E+01	2.18E-02	3.51E-03	1.24E-01	2.26E-01	2.06E-02	8.52E-04	3.23E-04	8.62E-04	6.10E-02	7.58E-02	1.59E-02	2.23E-06	6.98E-03	1.62E-03	1.17E-03	3.78E-04	1.90E-02	3.06E-02
2052-05-01	26	2.31E-01	1.95E-03	6.14E+01	2.18E-02	3.50E-03	1.23E-01	2.25E-01	2.05E-02	8.49E-04	3.22E-04	8.59E-04	6.08E-02	7.56E-02	1.59E-02	2.22E-06	6.96E-03	1.62E-03	1.16E-03	3.77E-04	1.90E-02	3.05E-02
2052-06-01	26	2.31E-01	1.95E-03	6.14E+01	2.18E-02	3.50E-03	1.23E-01	2.25E-01	2.05E-02	8.49E-04	3.22E-04	8.59E-04	6.08E-02	7.56E-02	1.59E-02	2.22E-06	6.96E-03	1.62E-03	1.16E-03	3.77E-04	1.90E-02	3.05E-02
2052-07-01	26	2.31E-01	1.96E-03	6.16E+01	2.19E-02	3.51E-03	1.24E-01	2.26E-01	2.06E-02	8.52E-04	3.23E-04	8.62E-04	6.10E-02	7.58E-02	1.59E-02	2.22E-06	6.98E-03	1.62E-03	1.17E-03	3.78E-04	1.90E-02	3.06E-02
2052-08-01	26	2.32E-01	1.96E-03	6.17E+01	2.19E-02	3.52E-03	1.24E-01	2.26E-01	2.06E-02	8.54E-04	3.24E-04	8.64E-04	6.12E-02	7.60E-02	1.59E-02	2.23E-06	7.00E-03	1.62E-03	1.17E-03	3.79E-04	1.91E-02	3.06E-02
2052-09-01	26	2.32E-01	1.97E-03	6.19E+01	2.19E-02	3.53E-03	1.24E-01	2.27E-01	2.06E-02	8.56E-04	3.24E-04	8.66E-04	6.13E-02	7.63E-02	1.59E-02	2.23E-06	7.02E-03	1.63E-03	1.17E-03	3.80E-04	1.91E-02	3.07E-02
2052-10-01	26	2.31E-01	1.96E-03	6.15E+01	2.18E-02	3.51E-03	1.24E-01	2.26E-01	2.06E-02	8.51E-04	3.22E-04	8.61E-04	6.09E-02	7.58E-02	1.59E-02	2.22E-06	6.97E-03	1.62E-03	1.16E-03	3.78E-04	1.90E-02	3.05E-02
2052-11-01	26	2.30E-01	1.95E-03	6.13E+01	2.18E-02	3.50E-03	1.23E-01	2.25E-01	2.05E-02	8.48E-04	3.21E-04	8.58E-04	6.07E-02	7.55E-02	1.59E-02	2.22E-06	6.95E-03	1.62E-03	1.16E-03	3.77E-04	1.89E-02	3.04E-02
2052-12-01	26	2.30E-01	1.95E-03	6.12E+01	2.18E-02	3.49E-03	1.23E-01	2.25E-01	2.05E-02	8.46E-04	3.21E-04	8.56E-04	6.06E-02	7.54E-02	1.59E-02	2.21E-06	6.94E-03	1.62E-03	1.16E-03	3.76E-04	1.89E-02	3.04E-02
2053-01-01	27	2.30E-01	1.95E-03	6.12E+01	2.18E-02	3.49E-03	1.23E-01	2.25E-01	2.05E-02	8.47E-04	3.21E-04	8.57E-04	6.06E-02	7.54E-02	1.59E-02	2.21E-06	6.94E-03	1.62E-03	1.16E-03	3.76E-04	1.89E-02	3.04E-02
2053-02-01	27	2.31E-01	1.95E-03	6.14E+01	2.18E-02	3.51E-03	1.23E-01	2.26E-01	2.06E-02	8.51E-04	3.21E-04	8.61E-04	6.07E-02	7.57E-02	1.59E-02	2.22E-06	6.97E-03	1.62E-03	1.16E-03	3.77E-04	1.90E-02	3.04E-02
2053-03-01	27	2.32E-01	1.96E-03	6.17E+01	2.19E-02																	

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorus mg/L
2057-04-01	31	2.38E-01	2.03E-03	6.45E+01	2.26E-02	3.77E-03	1.24E-01	2.32E-01	2.15E-02	9.12E-04	3.23E-04	9.27E-04	6.11E-02	8.15E-02	1.59E-02	2.23E-06	7.47E-03	1.67E-03	1.24E-03	3.91E-04	2.04E-02	3.06E-02
2057-05-01	31	2.36E-01	2.01E-03	6.39E+01	2.25E-02	3.72E-03	1.23E-01	2.30E-01	2.13E-02	9.00E-04	3.22E-04	9.14E-04	6.08E-02	8.04E-02	1.59E-02	2.22E-06	7.36E-03	1.66E-03	1.23E-03	3.88E-04	2.01E-02	3.05E-02
2057-06-01	31	2.36E-01	2.01E-03	6.39E+01	2.25E-02	3.71E-03	1.23E-01	2.30E-01	2.13E-02	8.99E-04	3.22E-04	9.14E-04	6.08E-02	8.04E-02	1.59E-02	2.22E-06	7.36E-03	1.66E-03	1.23E-03	3.88E-04	2.01E-02	3.05E-02
2057-07-01	31	2.36E-01	2.02E-03	6.41E+01	2.25E-02	3.73E-03	1.24E-01	2.31E-01	2.13E-02	9.02E-04	3.23E-04	9.17E-04	6.10E-02	8.06E-02	1.59E-02	2.22E-06	7.39E-03	1.66E-03	1.23E-03	3.89E-04	2.01E-02	3.06E-02
2057-08-01	31	2.37E-01	2.02E-03	6.42E+01	2.25E-02	3.74E-03	1.24E-01	2.31E-01	2.14E-02	9.04E-04	3.24E-04	9.19E-04	6.12E-02	8.08E-02	1.59E-02	2.23E-06	7.40E-03	1.67E-03	1.23E-03	3.90E-04	2.02E-02	3.06E-02
2057-09-01	31	2.38E-01	2.03E-03	6.44E+01	2.26E-02	3.75E-03	1.24E-01	2.32E-01	2.14E-02	9.07E-04	3.24E-04	9.22E-04	6.14E-02	8.11E-02	1.59E-02	2.23E-06	7.43E-03	1.67E-03	1.24E-03	3.91E-04	2.03E-02	3.07E-02
2057-10-01	31	2.36E-01	2.02E-03	6.40E+01	2.25E-02	3.72E-03	1.24E-01	2.30E-01	2.13E-02	9.01E-04	3.22E-04	9.16E-04	6.10E-02	8.05E-02	1.59E-02	2.22E-06	7.38E-03	1.66E-03	1.23E-03	3.89E-04	2.01E-02	3.05E-02
2057-11-01	31	2.36E-01	2.01E-03	6.38E+01	2.24E-02	3.71E-03	1.23E-01	2.30E-01	2.13E-02	8.98E-04	3.21E-04	9.13E-04	6.08E-02	8.03E-02	1.59E-02	2.22E-06	7.35E-03	1.66E-03	1.22E-03	3.88E-04	2.01E-02	3.04E-02
2057-12-01	31	2.35E-01	2.01E-03	6.37E+01	2.24E-02	3.70E-03	1.23E-01	2.30E-01	2.12E-02	8.97E-04	3.21E-04	9.11E-04	6.07E-02	8.01E-02	1.59E-02	2.21E-06	7.34E-03	1.66E-03	1.22E-03	3.87E-04	2.00E-02	3.04E-02
2058-01-01	32	2.35E-01	2.01E-03	6.37E+01	2.24E-02	3.71E-03	1.23E-01	2.30E-01	2.12E-02	8.97E-04	3.21E-04	9.12E-04	6.07E-02	8.02E-02	1.59E-02	2.21E-06	7.34E-03	1.66E-03	1.22E-03	3.87E-04	2.00E-02	3.04E-02
2058-02-01	32	2.34E-01	2.00E-03	6.34E+01	2.24E-02	3.68E-03	1.23E-01	2.29E-01	2.12E-02	8.91E-04	3.21E-04	9.05E-04	6.07E-02	7.96E-02	1.59E-02	2.22E-06	7.29E-03	1.65E-03	1.21E-03	3.86E-04	1.99E-02	3.04E-02
2058-03-01	32	2.33E-01	1.99E-03	6.30E+01	2.22E-02	3.64E-03	1.23E-01	2.28E-01	2.10E-02	8.83E-04	3.22E-04	8.97E-04	6.08E-02	7.88E-02	1.59E-02	2.22E-06	7.22E-03	1.65E-03	1.20E-03	3.84E-04	1.97E-02	3.05E-02
2058-04-01	32	2.29E-01	1.96E-03	6.17E+01	2.19E-02	3.52E-03	1.24E-01	2.25E-01	2.06E-02	8.54E-04	3.23E-04	8.67E-04	6.10E-02	7.63E-02	1.59E-02	2.23E-06	6.98E-03	1.62E-03	1.17E-03	3.79E-04	1.91E-02	3.06E-02
2058-05-01	32	2.24E-01	1.92E-03	6.00E+01	2.14E-02	3.39E-03	1.23E-01	2.20E-01	2.01E-02	8.22E-04	3.22E-04	8.34E-04	6.08E-02	7.33E-02	1.59E-02	2.22E-06	6.71E-03	1.59E-03	1.13E-03	3.71E-04	1.84E-02	3.05E-02
2058-06-01	32	2.23E-01	1.92E-03	6.00E+01	2.14E-02	3.38E-03	1.23E-01	2.20E-01	2.01E-02	8.20E-04	3.22E-04	8.32E-04	6.08E-02	7.32E-02	1.59E-02	2.22E-06	6.70E-03	1.59E-03	1.13E-03	3.71E-04	1.83E-02	3.05E-02
2058-07-01	32	2.24E-01	1.93E-03	6.02E+01	2.15E-02	3.39E-03	1.24E-01	2.21E-01	2.02E-02	8.23E-04	3.23E-04	8.35E-04	6.10E-02	7.34E-02	1.59E-02	2.22E-06	6.72E-03	1.59E-03	1.13E-03	3.72E-04	1.84E-02	3.06E-02
2058-08-01	32	2.25E-01	1.93E-03	6.03E+01	2.15E-02	3.40E-03	1.24E-01	2.21E-01	2.02E-02	8.25E-04	3.24E-04	8.37E-04	6.11E-02	7.36E-02	1.59E-02	2.23E-06	6.74E-03	1.59E-03	1.13E-03	3.72E-04	1.84E-02	3.06E-02
2058-09-01	32	2.25E-01	1.94E-03	6.05E+01	2.15E-02	3.41E-03	1.24E-01	2.21E-01	2.02E-02	8.27E-04	3.24E-04	8.40E-04	6.13E-02	7.38E-02	1.59E-02	2.23E-06	6.76E-03	1.60E-03	1.14E-03	3.73E-04	1.85E-02	3.07E-02
2058-10-01	32	2.24E-01	1.92E-03	6.01E+01	2.15E-02	3.39E-03	1.24E-01	2.20E-01	2.02E-02	8.22E-04	3.22E-04	8.34E-04	6.09E-02	7.34E-02	1.59E-02	2.22E-06	6.71E-03	1.59E-03	1.13E-03	3.71E-04	1.84E-02	3.05E-02
2058-11-01	32	2.23E-01	1.92E-03	5.99E+01	2.14E-02	3.38E-03	1.23E-01	2.20E-01	2.01E-02	8.19E-04	3.21E-04	8.31E-04	6.07E-02	7.31E-02	1.59E-02	2.22E-06	6.69E-03	1.59E-03	1.13E-03	3.70E-04	1.83E-02	3.04E-02
2058-12-01	32	2.23E-01	1.91E-03	5.98E+01	2.14E-02	3.37E-03	1.23E-01	2.20E-01	2.01E-02	8.18E-04	3.21E-04	8.30E-04	6.06E-02	7.30E-02	1.59E-02	2.21E-06	6.68E-03	1.59E-03	1.12E-03	3.70E-04	1.83E-02	3.04E-02
2059-01-01	33	2.23E-01	1.91E-03	5.98E+01	2.14E-02	3.37E-03	1.23E-01	2.20E-01	2.01E-02	8.18E-04	3.21E-04	8.30E-04	6.06E-02	7.30E-02	1.59E-02	2.21E-06	6.68E-03	1.59E-03	1.12E-03	3.70E-04	1.83E-02	3.04E-02
2059-02-01	33	2.22E-01	1.91E-03	5.95E+01	2.13E-02	3.35E-03	1.23E-01	2.19E-01	2.00E-02	8.12E-04	3.21E-04	8.24E-04	6.07E-02	7.24E-02	1.58E-02	2.22E-06	6.63E-03	1.58E-03	1.12E-03	3.69E-04	1.81E-02	3.04E-02
2059-03-01	33	2.21E-01	1.90E-03	5.91E+01	2.12E-02	3.31E-03	1.23E-01	2.18E-01	1.99E-02	8.03E-04	3.22E-04	8.15E-04	6.08E-02	7.17E-02	1.58E-02	2.22E-06	6.56E-03	1.57E-03	1.11E-03	3.67E-04	1.80E-02	3.05E-02
2059-04-01	33	2.17E-01	1.87E-03	5.78E+01	2.08E-02	3.19E-03	1.24E-01	2.15E-01	1.95E-02	7.75E-04	3.23E-04	7.85E-04	6.10E-02	6.91E-02	1.58E-02	2.23E-06	6.31E-03	1.55E-03	1.07E-03	3.61E-04	1.73E-02	3.06E-02
2059-05-01	33	2.11E-01	1.83E-03	5.62E+01	2.04E-02	3.05E-03	1.23E-01	2.10E-01	1.9.													

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2063-06-01	37	1.62E-01	1.46E-03	4.05E+01	1.63E-02	1.71E-03	1.23E-01	1.70E-01	1.44E-02	4.24E-04	3.22E-04	4.23E-04	6.04E-02	3.73E-02	1.55E-02	2.22E-06	3.37E-03	1.23E-03	6.33E-04	2.83E-04	9.56E-03	3.05E-02
2063-07-01	37	1.62E-01	1.46E-03	4.07E+01	1.63E-02	1.71E-03	1.24E-01	1.71E-01	1.44E-02	4.25E-04	3.23E-04	4.25E-04	6.06E-02	3.74E-02	1.55E-02	2.22E-06	3.38E-03	1.23E-03	6.35E-04	2.83E-04	9.59E-03	3.06E-02
2063-08-01	37	1.62E-01	1.46E-03	4.08E+01	1.63E-02	1.72E-03	1.24E-01	1.71E-01	1.44E-02	4.26E-04	3.24E-04	4.26E-04	6.08E-02	3.75E-02	1.55E-02	2.23E-06	3.39E-03	1.23E-03	6.37E-04	2.84E-04	9.61E-03	3.06E-02
2063-09-01	37	1.63E-01	1.47E-03	4.09E+01	1.63E-02	1.72E-03	1.24E-01	1.71E-01	1.44E-02	4.28E-04	3.24E-04	4.27E-04	6.10E-02	3.76E-02	1.55E-02	2.23E-06	3.40E-03	1.23E-03	6.39E-04	2.85E-04	9.64E-03	3.07E-02
2063-10-01	37	1.62E-01	1.46E-03	4.06E+01	1.63E-02	1.71E-03	1.24E-01	1.71E-01	1.44E-02	4.25E-04	3.22E-04	4.24E-04	6.06E-02	3.74E-02	1.55E-02	2.22E-06	3.38E-03	1.23E-03	6.35E-04	2.83E-04	9.58E-03	3.05E-02
2063-11-01	37	1.61E-01	1.45E-03	4.05E+01	1.62E-02	1.71E-03	1.23E-01	1.70E-01	1.44E-02	4.24E-04	3.21E-04	4.23E-04	6.04E-02	3.73E-02	1.55E-02	2.22E-06	3.37E-03	1.22E-03	6.32E-04	2.82E-04	9.55E-03	3.04E-02
2063-12-01	37	1.61E-01	1.45E-03	4.04E+01	1.62E-02	1.70E-03	1.23E-01	1.70E-01	1.44E-02	4.23E-04	3.21E-04	4.22E-04	6.03E-02	3.72E-02	1.55E-02	2.21E-06	3.36E-03	1.22E-03	6.31E-04	2.82E-04	9.54E-03	3.04E-02
2064-01-01	38	1.61E-01	1.45E-03	4.04E+01	1.62E-02	1.70E-03	1.23E-01	1.70E-01	1.44E-02	4.23E-04	3.21E-04	4.22E-04	6.03E-02	3.72E-02	1.55E-02	2.21E-06	3.36E-03	1.22E-03	6.32E-04	2.82E-04	9.54E-03	3.04E-02
2064-02-01	38	1.60E-01	1.45E-03	4.01E+01	1.62E-02	1.68E-03	1.23E-01	1.69E-01	1.43E-02	4.16E-04	3.21E-04	4.15E-04	6.03E-02	3.66E-02	1.55E-02	2.22E-06	3.31E-03	1.22E-03	6.24E-04	2.81E-04	9.39E-03	3.04E-02
2064-03-01	38	1.59E-01	1.44E-03	3.97E+01	1.60E-02	1.64E-03	1.23E-01	1.68E-01	1.41E-02	4.07E-04	3.22E-04	4.06E-04	6.04E-02	3.58E-02	1.55E-02	2.22E-06	3.23E-03	1.21E-03	6.12E-04	2.79E-04	9.19E-03	3.05E-02
2064-04-01	38	1.54E-01	1.40E-03	3.83E+01	1.56E-02	1.51E-03	1.24E-01	1.65E-01	1.37E-02	3.77E-04	3.23E-04	3.75E-04	6.06E-02	3.30E-02	1.55E-02	2.23E-06	2.98E-03	1.18E-03	5.75E-04	2.73E-04	8.52E-03	3.06E-02
2064-05-01	38	1.49E-01	1.37E-03	3.67E+01	1.52E-02	1.38E-03	1.23E-01	1.61E-01	1.32E-02	3.46E-04	3.22E-04	3.43E-04	6.04E-02	3.03E-02	1.55E-02	2.22E-06	2.72E-03	1.15E-03	5.36E-04	2.65E-04	7.84E-03	3.05E-02
2064-06-01	38	1.49E-01	1.36E-03	3.67E+01	1.52E-02	1.37E-03	1.23E-01	1.61E-01	1.32E-02	3.45E-04	3.22E-04	3.41E-04	6.04E-02	3.01E-02	1.55E-02	2.22E-06	2.71E-03	1.15E-03	5.34E-04	2.65E-04	7.81E-03	3.05E-02
2064-07-01	38	1.50E-01	1.37E-03	3.68E+01	1.52E-02	1.38E-03	1.24E-01	1.61E-01	1.32E-02	3.46E-04	3.23E-04	3.42E-04	6.06E-02	3.02E-02	1.55E-02	2.22E-06	2.72E-03	1.15E-03	5.36E-04	2.66E-04	7.83E-03	3.06E-02
2064-08-01	38	1.50E-01	1.37E-03	3.69E+01	1.52E-02	1.38E-03	1.24E-01	1.61E-01	1.32E-02	3.47E-04	3.24E-04	3.43E-04	6.07E-02	3.03E-02	1.55E-02	2.23E-06	2.72E-03	1.15E-03	5.37E-04	2.66E-04	7.85E-03	3.06E-02
2064-09-01	38	1.50E-01	1.38E-03	3.70E+01	1.53E-02	1.38E-03	1.24E-01	1.61E-01	1.33E-02	3.48E-04	3.24E-04	3.44E-04	6.09E-02	3.04E-02	1.55E-02	2.23E-06	2.73E-03	1.16E-03	5.39E-04	2.67E-04	7.87E-03	3.07E-02
2064-10-01	38	1.49E-01	1.37E-03	3.67E+01	1.52E-02	1.38E-03	1.24E-01	1.61E-01	1.32E-02	3.46E-04	3.22E-04	3.42E-04	6.05E-02	3.02E-02	1.55E-02	2.22E-06	2.71E-03	1.15E-03	5.35E-04	2.66E-04	7.82E-03	3.05E-02
2064-11-01	38	1.49E-01	1.36E-03	3.66E+01	1.52E-02	1.37E-03	1.23E-01	1.61E-01	1.32E-02	3.44E-04	3.21E-04	3.41E-04	6.03E-02	3.01E-02	1.55E-02	2.22E-06	2.70E-03	1.15E-03	5.33E-04	2.65E-04	7.80E-03	3.04E-02
2064-12-01	38	1.49E-01	1.36E-03	3.65E+01	1.52E-02	1.37E-03	1.23E-01	1.60E-01	1.32E-02	3.44E-04	3.21E-04	3.40E-04	6.02E-02	3.00E-02	1.55E-02	2.21E-06	2.70E-03	1.15E-03	5.33E-04	2.65E-04	7.78E-03	3.04E-02
2065-01-01	39	1.49E-01	1.36E-03	3.66E+01	1.52E-02	1.37E-03	1.23E-01	1.60E-01	1.32E-02	3.44E-04	3.21E-04	3.41E-04	6.02E-02	3.01E-02	1.55E-02	2.21E-06	2.70E-03	1.15E-03	5.33E-04	2.65E-04	7.79E-03	3.04E-02
2065-02-01	39	1.49E-01	1.40E-03	3.65E+01	1.53E-02	1.38E-03	1.25E-01	1.60E-01	1.32E-02	3.47E-04	3.19E-04	3.43E-04	6.23E-02	3.03E-02	1.55E-02	2.20E-06	2.72E-03	1.15E-03	5.40E-04	2.70E-04	7.85E-03	3.02E-02
2065-03-01	39	1.49E-01	1.45E-03	3.65E+01	1.54E-02	1.40E-03	1.29E-01	1.60E-01	1.33E-02	3.51E-04	3.15E-04	3.47E-04	6.56E-02	3.06E-02	1.55E-02	2.19E-06	2.75E-03	1.16E-03	5.52E-04	2.78E-04	7.94E-03	2.99E-02
2065-04-01	39	1.48E-01	1.64E-03	3.63E+01	1.57E-02	1.45E-03	1.41E-01	1.60E-01	1.35E-02	3.66E-04	3.02E-04	3.62E-04	7.75E-02	3.19E-02	1.55E-02	2.12E-06	2.87E-03	1.18E-03	5.95E-04	3.06E-04	8.27E-03	2.86E-02
2065-05-01	39	1.46E-01	1.93E-03	3.56E+01	1.62E-02	1.53E-03	1.58E-01	1.59E-01	1.38E-02	3.86E-04	2.79E-04	3.81E-04	9.52E-02	3.34E-02	1.55E-02	2.00E-06	3.02E-03	1.20E-03	6.54E-04	3.48E-04	8.69E-03	2.63E-02
2065-06-01	39	1.46E-01	1.97E-03	3.55E+01	1.63E-02	1.54E-03	1.61E-01	1.58E-01	1.38E-02	3.89E-04	2.75E-04	3.84E-04	9.77E-02	3.37E-02	1.55E-02	1.98E-06	3.04E-03	1.20E-03	6.63E-04	3.54E-04	8.76E-03	2.60E-02
2065-07-01	39	1.47E-01	1.98E-03	3.57E+01	1.63E-02	1.55E-03	1.61E-01	1.59E-01	1.38E-02	3.91E-04	2.77E-04	3.86E-04	9.83E-02	3.39E-02	1.55E-02	1.99E-06	3.05E-03	1.20E-03	6.67E-04	3.55E-04	8.80E-03	2.61E-02
2065-08-01	39	1.47E-01	1.99E-03	3.58E+01	1.64E-02	1.55E-03	1.62E-01	1.59E-01	1.39E-02	3.93E-04	2.78E-04	3.88E-04	9.87E-02	3.40E-02	1.55E-02	2.00E-06	3.07E-03	1.20E-03	6.70E-04	3.57E-04	8.83E-03	2.62E-02
2065-09-01	39	1.48E-01	2.00E-03	3.60E+01	1.64E-02	1.56E-03	1.62E-01	1.60E-01	1.39E-02	3.95E-04	2.79E-04	3.89E-04	9.92E-02	3.42E-02	1.55E-02	2.00E-06	3.08E-03	1.21E-03	6.73E-04	3.58E-04	8.87E-03	2.63E-02
2065-10-01	39	1.47E-01	1.98E-03	3.57E+01	1.63E-02	1.55E-03	1.61E-01	1.59E-01	1.38E-02	3.91E-04	2.77E-04	3.86E-04	9.83E-02	3.38E-02	1.55E-02	1.99E-06	3.05E-0					

Pond_3 15ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
Pond 3 Statistics (Year 4 to Year 42)																							
Minimum		22.6	11.5	2.41	0.000519	0.0733	0.00382	0.0137	0.00203	0.00000359	0.701	0.000007614	0.0006742	0.020815	0.00000508	0.000498	5.9655E-06	1.3705	8.5505E-06	0.0012135	0.013137	0.0023875	0.8805
P10		40.56	20.66	4.522	0.0328	4.63	0.0339	0.0206	0.003816	0.00000437	0.703	0.000007672	0.0011752	0.025215	0.00000589	0.0006496	6.0555E-06	1.6815	1.44705E-05	0.0013091	0.013138	0.0034435	0.8805
Median		83.5	42.5	9.56	0.097	13.7	0.0981	0.0207	0.00807	0.00000438	0.704	0.000007672	0.0022752	0.027515	0.00000589	0.000992	6.0655E-06	2.2515	2.71705E-05	0.0015245	0.013138	0.0058575	0.8805
P90		101	51.3	11.3	0.121	17	0.122	0.0208	0.00956	0.0000044	0.704	0.000007673	0.0027392	0.046355	0.00000591	0.0012374	6.1055E-06	2.5015	3.24705E-05	0.0016135	0.013139	0.0068475	0.8806
Maximum		102	52	11.6	0.122	17.3	0.123	0.0209	0.00981	0.00000441	0.704	0.000007674	0.0028052	0.082215	0.00000592	0.001299	6.4055E-06	2.5215	3.28705E-05	0.0016195	0.013192	0.0069175	0.9079
Monthly Results																							
2027-01-01	1	12.7	6.50	1.4	0.00733	1.04	0.00951	0.018	0.00118	4.12E-06	7.03E-01	7.65E-06	4.44E-04	1.08E-01	5.58E-06	4.32E-04	6.36E-06	1.33E+00	6.26E-06	1.17E-03	1.32E-02	1.87E-03	8.94E-01
2027-02-01	1	13	6.64	1.43	0.00778	1.1	0.00992	0.018	0.00121	4.12E-06	7.03E-01	7.65E-06	4.49E-04	1.07E-01	5.58E-06	4.33E-04	6.34E-06	1.33E+00	6.31E-06	1.17E-03	1.32E-02	1.89E-03	8.94E-01
2027-03-01	1	13.4	6.85	1.48	0.00846	1.19	0.0105	0.0181	0.00125	4.11E-06	7.03E-01	7.65E-06	4.58E-04	1.05E-01	5.59E-06	4.34E-04	6.30E-06	1.33E+00	6.40E-06	1.17E-03	1.32E-02	1.91E-03	8.93E-01
2027-04-01	1	14.8	7.57	1.66	0.0109	1.53	0.0127	0.0181	0.0014	4.08E-06	7.02E-01	7.65E-06	4.86E-04	9.61E-02	5.59E-06	4.38E-04	6.16E-06	1.34E+00	6.69E-06	1.18E-03	1.32E-02	1.99E-03	8.90E-01
2027-05-01	1	16.6	8.47	1.88	0.014	1.97	0.0155	0.018	0.00158	4.01E-06	7.02E-01	7.65E-06	5.21E-04	8.44E-02	5.58E-06	4.42E-04	5.94E-06	1.34E+00	7.03E-06	1.19E-03	1.31E-02	2.08E-03	8.86E-01
2027-06-01	1	16.8	8.57	1.9	0.0143	2.02	0.0158	0.018	0.00161	4.01E-06	7.02E-01	7.65E-06	5.24E-04	8.32E-02	5.58E-06	4.43E-04	5.91E-06	1.34E+00	7.07E-06	1.19E-03	1.31E-02	2.09E-03	8.86E-01
2027-07-01	1	16.9	8.61	1.91	0.0144	2.03	0.0159	0.0181	0.00161	4.02E-06	7.02E-01	7.65E-06	5.27E-04	8.35E-02	5.59E-06	4.43E-04	5.93E-06	1.35E+00	7.10E-06	1.19E-03	1.31E-02	2.10E-03	8.86E-01
2027-08-01	1	16.9	8.64	1.92	0.0144	2.04	0.016	0.0181	0.00162	4.03E-06	7.02E-01	7.65E-06	5.28E-04	8.38E-02	5.60E-06	4.44E-04	5.94E-06	1.35E+00	7.12E-06	1.19E-03	1.31E-02	2.10E-03	8.86E-01
2027-09-01	1	17	8.68	1.93	0.0145	2.05	0.016	0.0182	0.00163	4.04E-06	7.02E-01	7.65E-06	5.30E-04	8.42E-02	5.60E-06	4.45E-04	5.96E-06	1.35E+00	7.15E-06	1.19E-03	1.31E-02	2.10E-03	8.86E-01
2027-10-01	1	16.9	8.60	1.91	0.0144	2.03	0.0159	0.0181	0.00161	4.02E-06	7.02E-01	7.65E-06	5.26E-04	8.35E-02	5.59E-06	4.43E-04	5.93E-06	1.34E+00	7.09E-06	1.19E-03	1.31E-02	2.10E-03	8.86E-01
2027-11-01	1	16.8	8.56	1.9	0.0143	2.02	0.0158	0.018	0.0016	4.00E-06	7.02E-01	7.65E-06	5.24E-04	8.31E-02	5.58E-06	4.42E-04	5.91E-06	1.34E+00	7.06E-06	1.19E-03	1.31E-02	2.09E-03	8.86E-01
2027-12-01	1	16.7	8.54	1.89	0.0143	2.02	0.0158	0.0179	0.0016	3.99E-06	7.02E-01	7.65E-06	5.23E-04	8.29E-02	5.57E-06	4.42E-04	5.90E-06	1.34E+00	7.05E-06	1.19E-03	1.31E-02	2.09E-03	8.86E-01
2028-01-01	2	16.7	8.54	1.9	0.0143	2.02	0.0158	0.0179	0.0016	3.99E-06	7.02E-01	7.65E-06	5.23E-04	8.29E-02	5.57E-06	4.42E-04	5.90E-06	1.34E+00	7.05E-06	1.19E-03	1.31E-02	2.09E-03	8.86E-01
2028-02-01	2	16.7	8.53	1.89	0.0143	2.02	0.0158	0.0182	0.00159	4.03E-06	7.02E-01	7.65E-06	5.23E-04	8.53E-02	5.60E-06	4.44E-04	5.92E-06	1.35E+00	7.02E-06	1.19E-03	1.31E-02	2.08E-03	8.85E-01
2028-03-01	2	16.7	8.53	1.88	0.0143	2.02	0.0157	0.0186	0.00158	4.08E-06	7.02E-01	7.66E-06	5.24E-04	8.89E-02	5.65E-06	4.47E-04	5.94E-06	1.37E+00	6.99E-06	1.19E-03	1.31E-02	2.08E-03	8.85E-01
2028-04-01	2	16.7	8.49	1.84	0.0142	2.01	0.0155	0.0197	0.00155	4.25E-06	7.03E-01	7.66E-06	5.26E-04	9.98E-02	5.78E-06	4.55E-04	6.02E-06	1.42E+00	6.86E-06	1.18E-03	1.31E-02	2.07E-03	8.83E-01
2028-05-01	2	16.5	8.39	1.79	0.0141	2	0.0152	0.0206	0.00151	4.37E-06	7.03E-01	7.67E-06	5.25E-04	1.10E-01	5.89E-06	4.61E-04	6.06E-06	1.47E+00	6.70E-06	1.18E-03	1.31E-02	2.05E-03	8.81E-01
2028-06-01	2	16.5	8.39	1.78	0.0141	2	0.0152	0.0207	0.0015	4.38E-06	7.03E-01	7.67E-06	5.25E-04	1.10E-01	5.89E-06	4.61E-04	6.07E-06	1.47E+00	6.69E-06	1.18E-03	1.31E-02	2.05E-03	8.81E-01
2028-07-01	2	16.6	8.41	1.79	0.0142	2	0.0153	0.0208	0.00151	4.39E-06	7.03E-01	7.67E-06	5.26E-04	1.11E-01	5.90E-06	4.62E-04	6.08E-06	1.47E+00	6.71E-06	1.18E-03	1.31E-02	2.05E-03	8.81E-01
2028-08-01	2	16.6	8.44	1.8	0.0142	2.01	0.0153	0.0208	0.00151	4.40E-06	7.03E-01	7.67E-06	5.27E-04	1.11E-01	5.91E-06	4.62E-04	6.09E-06	1.47E+00	6.72E-06	1.18E-03	1.31E-02	2.05E-03	8.81E-01
2028-09-01	2	16.7	8.46	1.8	0.0142	2.01	0.0153	0.0209	0.00152	4.41E-06	7.03E-01	7.67E-06	5.29E-04	1.11E-01	5.92E-06	4.63E-04	6.11E-06	1.48E+00	6.74E-06	1.18E-03	1.31E-02	2.05E-03	8.81E-01
2028-10-01	2	16.6	8.41	1.79	0.0142	2	0.0152	0.0207	0.00151	4.39E-06	7.03E-01	7.67E-06	5.26E-04	1.11E-01	5.90E-06	4.61E-04	6.08E-06	1.47E+00	6.70E-06	1.18E-03	1.31E-02	2.05E-03	8.81E-01
2028-11-01	2	16.5	8.38	1.78	0.0141	1.99	0.0152	0.0207	0.0015	4.38E-06	7.03E-01	7.67E-06	5.24E-04	1.10E-01	5.89E-06	4.61E-04	6.06E-06	1.47E+00	6.68E-06	1.18E-0			

Pond_3 15ppmTSS																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2032-08-01	6	47.9	24.40	5.36	0.0593	8.38	0.0604	0.0208	0.00451	4.40E-06	7.03E-01	7.67E-06	1.31E-03	4.42E-02	5.91E-06	6.57E-04	6.09E-06	1.82E+00	1.63E-05	1.34E-03	1.31E-02	3.83E-03	8.81E-01
2032-09-01	6	48.1	24.50	5.37	0.0595	8.41	0.0606	0.0209	0.00453	4.41E-06	7.04E-01	7.67E-06	1.31E-03	4.44E-02	5.92E-06	6.58E-04	6.11E-06	1.82E+00	1.64E-05	1.34E-03	1.31E-02	3.84E-03	8.81E-01
2032-10-01	6	47.7	24.30	5.34	0.0591	8.35	0.0602	0.0207	0.0045	4.39E-06	7.03E-01	7.67E-06	1.31E-03	4.41E-02	5.90E-06	6.56E-04	6.08E-06	1.82E+00	1.63E-05	1.34E-03	1.31E-02	3.82E-03	8.81E-01
2032-11-01	6	47.6	24.20	5.32	0.0589	8.32	0.06	0.0207	0.00448	4.38E-06	7.03E-01	7.67E-06	1.30E-03	4.39E-02	5.89E-06	6.55E-04	6.06E-06	1.81E+00	1.62E-05	1.34E-03	1.31E-02	3.82E-03	8.81E-01
2032-12-01	6	47.5	24.20	5.31	0.0588	8.31	0.0599	0.0206	0.00448	4.37E-06	7.03E-01	7.67E-06	1.30E-03	4.39E-02	5.89E-06	6.54E-04	6.06E-06	1.81E+00	1.62E-05	1.34E-03	1.31E-02	3.81E-03	8.81E-01
2033-01-01	7	47.5	24.20	5.31	0.0588	8.31	0.0599	0.0206	0.00448	4.37E-06	7.03E-01	7.67E-06	1.30E-03	4.39E-02	5.89E-06	6.54E-04	6.06E-06	1.81E+00	1.62E-05	1.34E-03	1.31E-02	3.81E-03	8.81E-01
2033-02-01	7	47.8	24.30	5.34	0.0589	8.33	0.06	0.0207	0.0045	4.38E-06	7.03E-01	7.67E-06	1.31E-03	4.38E-02	5.89E-06	6.58E-04	6.06E-06	1.82E+00	1.63E-05	1.34E-03	1.31E-02	3.83E-03	8.81E-01
2033-03-01	7	48.2	24.50	5.39	0.0591	8.35	0.0602	0.0207	0.00454	4.38E-06	7.03E-01	7.67E-06	1.32E-03	4.36E-02	5.90E-06	6.64E-04	6.07E-06	1.82E+00	1.64E-05	1.34E-03	1.31E-02	3.85E-03	8.81E-01
2033-04-01	7	49.5	25.20	5.52	0.0596	8.42	0.0607	0.0208	0.00465	4.40E-06	7.03E-01	7.67E-06	1.36E-03	4.30E-02	5.90E-06	6.81E-04	6.08E-06	1.85E+00	1.68E-05	1.35E-03	1.31E-02	3.92E-03	8.81E-01
2033-05-01	7	50.2	25.60	5.6	0.0596	8.42	0.0607	0.0207	0.00472	4.38E-06	7.03E-01	7.67E-06	1.38E-03	4.21E-02	5.89E-06	6.93E-04	6.07E-06	1.86E+00	1.70E-05	1.35E-03	1.31E-02	3.96E-03	8.81E-01
2033-06-01	7	50.3	25.60	5.6	0.0596	8.42	0.0607	0.0207	0.00472	4.38E-06	7.03E-01	7.67E-06	1.38E-03	4.21E-02	5.89E-06	6.94E-04	6.07E-06	1.86E+00	1.70E-05	1.36E-03	1.31E-02	3.97E-03	8.81E-01
2033-07-01	7	50.5	25.70	5.62	0.0598	8.45	0.0609	0.0208	0.00474	4.39E-06	7.03E-01	7.67E-06	1.39E-03	4.22E-02	5.90E-06	6.96E-04	6.08E-06	1.86E+00	1.71E-05	1.36E-03	1.31E-02	3.98E-03	8.81E-01
2033-08-01	7	50.6	25.70	5.64	0.06	8.47	0.0611	0.0208	0.00475	4.40E-06	7.03E-01	7.67E-06	1.39E-03	4.24E-02	5.91E-06	6.97E-04	6.09E-06	1.86E+00	1.71E-05	1.36E-03	1.31E-02	3.98E-03	8.81E-01
2033-09-01	7	50.8	25.80	5.65	0.0601	8.5	0.0612	0.0209	0.00476	4.41E-06	7.04E-01	7.67E-06	1.40E-03	4.25E-02	5.92E-06	6.98E-04	6.11E-06	1.87E+00	1.72E-05	1.36E-03	1.31E-02	3.99E-03	8.81E-01
2033-10-01	7	50.4	25.60	5.62	0.0597	8.44	0.0608	0.0207	0.00473	4.39E-06	7.03E-01	7.67E-06	1.39E-03	4.22E-02	5.90E-06	6.95E-04	6.08E-06	1.86E+00	1.71E-05	1.36E-03	1.31E-02	3.97E-03	8.81E-01
2033-11-01	7	50.2	25.60	5.6	0.0595	8.41	0.0606	0.0207	0.00472	4.38E-06	7.03E-01	7.67E-06	1.38E-03	4.21E-02	5.89E-06	6.94E-04	6.06E-06	1.86E+00	1.70E-05	1.35E-03	1.31E-02	3.96E-03	8.81E-01
2033-12-01	7	50.2	25.50	5.59	0.0594	8.4	0.0605	0.0206	0.00471	4.37E-06	7.03E-01	7.67E-06	1.38E-03	4.20E-02	5.89E-06	6.93E-04	6.06E-06	1.85E+00	1.70E-05	1.35E-03	1.31E-02	3.96E-03	8.81E-01
2034-01-01	8	50.2	25.50	5.59	0.0595	8.4	0.0605	0.0206	0.00471	4.37E-06	7.03E-01	7.67E-06	1.38E-03	4.20E-02	5.89E-06	6.93E-04	6.06E-06	1.85E+00	1.70E-05	1.35E-03	1.31E-02	3.96E-03	8.81E-01
2034-02-01	8	50.5	25.70	5.63	0.06	8.48	0.0611	0.0207	0.00474	4.38E-06	7.03E-01	7.67E-06	1.39E-03	4.19E-02	5.89E-06	6.93E-04	6.06E-06	1.86E+00	1.71E-05	1.36E-03	1.31E-02	3.98E-03	8.81E-01
2034-03-01	8	50.9	25.90	5.68	0.0609	8.6	0.062	0.0207	0.00479	4.38E-06	7.03E-01	7.67E-06	1.40E-03	4.18E-02	5.90E-06	6.92E-04	6.07E-06	1.86E+00	1.72E-05	1.36E-03	1.31E-02	4.00E-03	8.81E-01
2034-04-01	8	52.1	26.50	5.85	0.0635	8.98	0.0646	0.0208	0.00493	4.40E-06	7.03E-01	7.67E-06	1.42E-03	4.12E-02	5.90E-06	6.89E-04	6.08E-06	1.87E+00	1.76E-05	1.36E-03	1.31E-02	4.08E-03	8.81E-01
2034-05-01	8	52.9	26.90	5.95	0.0654	9.24	0.0665	0.0207	0.00501	4.38E-06	7.03E-01	7.67E-06	1.43E-03	4.05E-02	5.89E-06	6.84E-04	6.07E-06	1.87E+00	1.78E-05	1.37E-03	1.31E-02	4.12E-03	8.81E-01
2034-06-01	8	52.9	26.90	5.96	0.0655	9.25	0.0666	0.0207	0.00502	4.38E-06	7.03E-01	7.67E-06	1.43E-03	4.05E-02	5.89E-06	6.84E-04	6.07E-06	1.87E+00	1.78E-05	1.37E-03	1.31E-02	4.12E-03	8.81E-01
2034-07-01	8	53.1	27.00	5.98	0.0657	9.28	0.0668	0.0208	0.00504	4.39E-06	7.03E-01	7.67E-06	1.44E-03	4.06E-02	5.90E-06	6.85E-04	6.08E-06	1.87E+00	1.79E-05	1.37E-03	1.31E-02	4.13E-03	8.81E-01
2034-08-01	8	53.2	27.10	5.99	0.0659	9.31	0.067	0.0208	0.00505	4.40E-06	7.03E-01	7.67E-06	1.44E-03	4.07E-02	5.91E-06	6.86E-04	6.09E-06	1.88E+00	1.79E-05	1.37E-03	1.31E-02	4.14E-03	8.81E-01
2034-09-01	8	53.4	27.20	6.01	0.0661	9.34	0.0672	0.0209	0.00507	4.41E-06	7.04E-01	7.67E-06	1.45E-03	4.08E-02	5.92E-06	6.87E-04	6.11E-06	1.88E+00	1.80E-05	1.37E-03	1.31E-02	4.15E-03	8.81E-01
2034-10-01	8	53	27.00	5.97	0.0656																		

Pond_3 15ppmTSS																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2038-10-01	12	70.4	35.80	8.12	0.0859	12.1	0.087	0.0207	0.00686	4.39E-06	7.04E-01	7.67E-06	1.89E-03	3.27E-02	5.90E-06	8.24E-04	6.08E-06	2.04E+00	2.32E-05	1.46E-03	1.31E-02	5.14E-03	8.81E-01
2038-11-01	12	70.1	35.70	8.09	0.0856	12.1	0.0867	0.0207	0.00683	4.38E-06	7.03E-01	7.67E-06	1.88E-03	3.26E-02	5.89E-06	8.22E-04	6.06E-06	2.04E+00	2.31E-05	1.46E-03	1.31E-02	5.13E-03	8.81E-01
2038-12-01	12	70	35.60	8.08	0.0855	12.1	0.0866	0.0206	0.00682	4.37E-06	7.03E-01	7.67E-06	1.88E-03	3.25E-02	5.89E-06	8.21E-04	6.06E-06	2.03E+00	2.31E-05	1.46E-03	1.31E-02	5.12E-03	8.81E-01
2039-01-01	13	70	35.70	8.08	0.0855	12.1	0.0866	0.0206	0.00682	4.37E-06	7.03E-01	7.67E-06	1.88E-03	3.25E-02	5.89E-06	8.21E-04	6.06E-06	2.03E+00	2.31E-05	1.46E-03	1.31E-02	5.12E-03	8.81E-01
2039-02-01	13	71	36.20	8.2	0.0867	12.2	0.0878	0.0207	0.00692	4.38E-06	7.03E-01	7.67E-06	1.90E-03	3.23E-02	5.89E-06	8.26E-04	6.06E-06	2.05E+00	2.34E-05	1.46E-03	1.31E-02	5.18E-03	8.81E-01
2039-03-01	13	72.5	36.90	8.37	0.0884	12.5	0.0895	0.0207	0.00707	4.38E-06	7.03E-01	7.67E-06	1.94E-03	3.19E-02	5.90E-06	8.34E-04	6.07E-06	2.06E+00	2.38E-05	1.47E-03	1.31E-02	5.27E-03	8.81E-01
2039-04-01	13	77.1	39.30	8.92	0.0938	13.3	0.0949	0.0208	0.00753	4.40E-06	7.04E-01	7.67E-06	2.05E-03	3.08E-02	5.90E-06	8.57E-04	6.08E-06	2.12E+00	2.52E-05	1.49E-03	1.31E-02	5.53E-03	8.81E-01
2039-05-01	13	80.6	41.10	9.33	0.0979	13.8	0.099	0.0207	0.00788	4.38E-06	7.04E-01	7.67E-06	2.14E-03	2.95E-02	5.89E-06	8.73E-04	6.07E-06	2.16E+00	2.63E-05	1.51E-03	1.31E-02	5.73E-03	8.81E-01
2039-06-01	13	80.9	41.20	9.36	0.0982	13.9	0.0992	0.0207	0.0079	4.38E-06	7.04E-01	7.67E-06	2.14E-03	2.94E-02	5.89E-06	8.74E-04	6.07E-06	2.16E+00	2.64E-05	1.51E-03	1.31E-02	5.75E-03	8.81E-01
2039-07-01	13	81.1	41.30	9.39	0.0985	13.9	0.0996	0.0208	0.00792	4.39E-06	7.04E-01	7.67E-06	2.15E-03	2.95E-02	5.90E-06	8.76E-04	6.08E-06	2.17E+00	2.65E-05	1.51E-03	1.31E-02	5.76E-03	8.81E-01
2039-08-01	13	81.3	41.40	9.41	0.0987	14	0.0998	0.0208	0.00794	4.40E-06	7.04E-01	7.67E-06	2.15E-03	2.96E-02	5.91E-06	8.77E-04	6.09E-06	2.17E+00	2.65E-05	1.52E-03	1.31E-02	5.77E-03	8.81E-01
2039-09-01	13	81.6	41.50	9.44	0.099	14	0.1	0.0209	0.00797	4.41E-06	7.04E-01	7.67E-06	2.16E-03	2.97E-02	5.92E-06	8.79E-04	6.11E-06	2.17E+00	2.66E-05	1.52E-03	1.31E-02	5.79E-03	8.81E-01
2039-10-01	13	81	41.30	9.38	0.0984	13.9	0.0995	0.0207	0.00791	4.39E-06	7.04E-01	7.67E-06	2.15E-03	2.95E-02	5.90E-06	8.75E-04	6.08E-06	2.16E+00	2.64E-05	1.51E-03	1.31E-02	5.76E-03	8.81E-01
2039-11-01	13	80.8	41.10	9.34	0.098	13.9	0.0991	0.0207	0.00789	4.38E-06	7.03E-01	7.67E-06	2.14E-03	2.94E-02	5.89E-06	8.73E-04	6.06E-06	2.16E+00	2.63E-05	1.51E-03	1.31E-02	5.74E-03	8.81E-01
2039-12-01	13	80.6	41.10	9.33	0.0979	13.8	0.099	0.0206	0.00787	4.37E-06	7.03E-01	7.67E-06	2.14E-03	2.94E-02	5.89E-06	8.72E-04	6.06E-06	2.16E+00	2.63E-05	1.51E-03	1.31E-02	5.73E-03	8.81E-01
2040-01-01	14	80.7	41.10	9.33	0.0979	13.8	0.099	0.0206	0.00788	4.37E-06	7.03E-01	7.67E-06	2.14E-03	2.94E-02	5.89E-06	8.72E-04	6.06E-06	2.16E+00	2.63E-05	1.51E-03	1.31E-02	5.74E-03	8.81E-01
2040-02-01	14	81.5	41.50	9.42	0.0988	14	0.0999	0.0207	0.00795	4.38E-06	7.03E-01	7.67E-06	2.16E-03	2.92E-02	5.89E-06	8.77E-04	6.06E-06	2.17E+00	2.66E-05	1.52E-03	1.31E-02	5.78E-03	8.81E-01
2040-03-01	14	82.7	42.10	9.56	0.1	14.2	0.101	0.0207	0.00807	4.38E-06	7.04E-01	7.67E-06	2.19E-03	2.90E-02	5.90E-06	8.85E-04	6.07E-06	2.18E+00	2.69E-05	1.52E-03	1.31E-02	5.85E-03	8.81E-01
2040-04-01	14	86.3	44.00	9.98	0.104	14.8	0.106	0.0208	0.00843	4.40E-06	7.04E-01	7.67E-06	2.28E-03	2.83E-02	5.90E-06	9.09E-04	6.08E-06	2.23E+00	2.80E-05	1.54E-03	1.31E-02	6.06E-03	8.81E-01
2040-05-01	14	88.9	45.30	10.3	0.107	15.2	0.108	0.0207	0.00867	4.38E-06	7.04E-01	7.67E-06	2.34E-03	2.75E-02	5.89E-06	9.25E-04	6.07E-06	2.26E+00	2.88E-05	1.55E-03	1.31E-02	6.21E-03	8.81E-01
2040-06-01	14	89.1	45.40	10.3	0.108	15.2	0.109	0.0207	0.00869	4.38E-06	7.04E-01	7.67E-06	2.34E-03	2.75E-02	5.89E-06	9.26E-04	6.07E-06	2.26E+00	2.89E-05	1.56E-03	1.31E-02	6.22E-03	8.81E-01
2040-07-01	14	89.4	45.50	10.3	0.108	15.2	0.109	0.0208	0.00872	4.39E-06	7.04E-01	7.67E-06	2.35E-03	2.76E-02	5.90E-06	9.28E-04	6.08E-06	2.26E+00	2.90E-05	1.56E-03	1.31E-02	6.23E-03	8.81E-01
2040-08-01	14	89.6	45.60	10.4	0.108	15.3	0.109	0.0208	0.00874	4.40E-06	7.04E-01	7.67E-06	2.36E-03	2.76E-02	5.91E-06	9.30E-04	6.09E-06	2.27E+00	2.90E-05	1.56E-03	1.31E-02	6.25E-03	8.81E-01
2040-09-01	14	89.9	45.80	10.4	0.109	15.3	0.11	0.0209	0.00877	4.41E-06	7.04E-01	7.67E-06	2.36E-03	2.77E-02	5.92E-06	9.32E-04	6.11E-06	2.27E+00	2.91E-05	1.56E-03	1.31E-02	6.26E-03	8.81E-01
2040-10-01	14	89.3	45.50	10.3	0.108	15.2	0.109	0.0207	0.00871	4.39E-06	7.04E-01	7.67E-06	2.35E-03	2.75E-02	5.90E-06	9.28E-04	6.08E-06	2.26E+00	2.89E-05	1.56E-03	1.31E-02	6.23E-03	8.81E-01
2040-11-01	14	89	45.30	10.3	0.107	15.2	0.109	0.0207	0.00868	4.38E-06	7.04E-01	7.67E-06	2.34E-03	2.75E-02	5.89E-06	9.25E-04	6.06E-06	2.26E+00	2.88E-05	1.55E-03	1.31E-02	6.21E-03	8.81E-01
2040-12-01	14	88.8	45.20	10.3	0.107																		

Pond_3 15ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2044-12-01	18	100	51.10	11.4	0.12	17	0.121	0.0206	0.0096	4.37E-06	7.04E-01	7.67E-06	2.67E-03	2.52E-02	5.89E-06	1.07E-03	6.06E-06	2.45E+00	3.23E-05	1.61E-03	1.31E-02	6.83E-03	8.81E-01
2045-01-01	19	100	51.10	11.4	0.12	17	0.121	0.0206	0.0096	4.37E-06	7.04E-01	7.67E-06	2.67E-03	2.52E-02	5.89E-06	1.07E-03	6.06E-06	2.45E+00	3.23E-05	1.61E-03	1.31E-02	6.83E-03	8.81E-01
2045-02-01	19	101	51.10	11.4	0.12	17	0.121	0.0207	0.0096	4.38E-06	7.04E-01	7.67E-06	2.68E-03	2.52E-02	5.89E-06	1.08E-03	6.06E-06	2.45E+00	3.24E-05	1.61E-03	1.31E-02	6.84E-03	8.81E-01
2045-03-01	19	101	51.20	11.4	0.121	17	0.122	0.0207	0.00961	4.38E-06	7.04E-01	7.67E-06	2.68E-03	2.53E-02	5.90E-06	1.08E-03	6.07E-06	2.46E+00	3.24E-05	1.61E-03	1.31E-02	6.85E-03	8.81E-01
2045-04-01	19	101	51.40	11.4	0.121	17.1	0.122	0.0208	0.00962	4.40E-06	7.04E-01	7.67E-06	2.70E-03	2.53E-02	5.90E-06	1.10E-03	6.08E-06	2.47E+00	3.25E-05	1.61E-03	1.31E-02	6.86E-03	8.81E-01
2045-05-01	19	101	51.20	11.3	0.121	17	0.122	0.0207	0.00956	4.38E-06	7.04E-01	7.67E-06	2.70E-03	2.52E-02	5.89E-06	1.11E-03	6.07E-06	2.47E+00	3.24E-05	1.61E-03	1.31E-02	6.84E-03	8.81E-01
2045-06-01	19	101	51.20	11.3	0.121	17	0.122	0.0207	0.00956	4.38E-06	7.04E-01	7.67E-06	2.70E-03	2.52E-02	5.89E-06	1.11E-03	6.07E-06	2.47E+00	3.24E-05	1.61E-03	1.31E-02	6.84E-03	8.81E-01
2045-07-01	19	101	51.40	11.4	0.121	17.1	0.122	0.0208	0.00959	4.39E-06	7.04E-01	7.67E-06	2.71E-03	2.53E-02	5.90E-06	1.12E-03	6.08E-06	2.48E+00	3.25E-05	1.61E-03	1.31E-02	6.86E-03	8.81E-01
2045-08-01	19	101	51.50	11.4	0.121	17.1	0.122	0.0208	0.00961	4.40E-06	7.04E-01	7.67E-06	2.72E-03	2.54E-02	5.91E-06	1.12E-03	6.09E-06	2.48E+00	3.26E-05	1.62E-03	1.31E-02	6.87E-03	8.81E-01
2045-09-01	19	102	51.70	11.4	0.122	17.2	0.123	0.0209	0.00964	4.41E-06	7.04E-01	7.67E-06	2.73E-03	2.55E-02	5.92E-06	1.12E-03	6.11E-06	2.49E+00	3.27E-05	1.62E-03	1.31E-02	6.89E-03	8.81E-01
2045-10-01	19	101	51.30	11.4	0.121	17.1	0.122	0.0207	0.00958	4.39E-06	7.04E-01	7.67E-06	2.71E-03	2.53E-02	5.90E-06	1.12E-03	6.08E-06	2.48E+00	3.25E-05	1.61E-03	1.31E-02	6.85E-03	8.81E-01
2045-11-01	19	101	51.20	11.3	0.12	17	0.122	0.0207	0.00955	4.38E-06	7.04E-01	7.67E-06	2.70E-03	2.52E-02	5.89E-06	1.11E-03	6.06E-06	2.47E+00	3.24E-05	1.61E-03	1.31E-02	6.83E-03	8.81E-01
2045-12-01	19	100	51.10	11.3	0.12	17	0.121	0.0206	0.00953	4.37E-06	7.04E-01	7.67E-06	2.69E-03	2.52E-02	5.89E-06	1.11E-03	6.06E-06	2.47E+00	3.23E-05	1.61E-03	1.31E-02	6.82E-03	8.81E-01
2046-01-01	20	100	51.10	11.3	0.12	17	0.121	0.0206	0.00953	4.37E-06	7.04E-01	7.67E-06	2.70E-03	2.52E-02	5.89E-06	1.11E-03	6.06E-06	2.47E+00	3.23E-05	1.61E-03	1.31E-02	6.82E-03	8.81E-01
2046-02-01	20	101	51.20	11.3	0.12	17	0.122	0.0207	0.00954	4.38E-06	7.04E-01	7.67E-06	2.70E-03	2.52E-02	5.89E-06	1.12E-03	6.06E-06	2.47E+00	3.24E-05	1.61E-03	1.31E-02	6.83E-03	8.81E-01
2046-03-01	20	101	51.30	11.3	0.121	17.1	0.122	0.0207	0.00956	4.38E-06	7.04E-01	7.67E-06	2.71E-03	2.52E-02	5.90E-06	1.12E-03	6.07E-06	2.48E+00	3.24E-05	1.61E-03	1.31E-02	6.84E-03	8.81E-01
2046-04-01	20	101	51.60	11.4	0.121	17.1	0.122	0.0208	0.00959	4.40E-06	7.04E-01	7.67E-06	2.73E-03	2.53E-02	5.90E-06	1.14E-03	6.08E-06	2.50E+00	3.26E-05	1.62E-03	1.31E-02	6.87E-03	8.81E-01
2046-05-01	20	101	51.40	11.3	0.121	17.1	0.122	0.0207	0.00954	4.38E-06	7.04E-01	7.67E-06	2.73E-03	2.52E-02	5.89E-06	1.15E-03	6.07E-06	2.50E+00	3.25E-05	1.61E-03	1.31E-02	6.85E-03	8.81E-01
2046-06-01	20	101	51.40	11.3	0.121	17.1	0.122	0.0207	0.00954	4.38E-06	7.04E-01	7.67E-06	2.73E-03	2.52E-02	5.89E-06	1.15E-03	6.07E-06	2.50E+00	3.25E-05	1.61E-03	1.31E-02	6.85E-03	8.81E-01
2046-07-01	20	102	51.60	11.4	0.121	17.2	0.123	0.0208	0.00958	4.39E-06	7.04E-01	7.67E-06	2.74E-03	2.52E-02	5.90E-06	1.15E-03	6.08E-06	2.50E+00	3.26E-05	1.62E-03	1.31E-02	6.87E-03	8.81E-01
2046-08-01	20	102	51.70	11.4	0.122	17.2	0.123	0.0208	0.0096	4.40E-06	7.04E-01	7.67E-06	2.75E-03	2.53E-02	5.91E-06	1.15E-03	6.09E-06	2.51E+00	3.27E-05	1.62E-03	1.31E-02	6.89E-03	8.81E-01
2046-09-01	20	102	51.90	11.4	0.122	17.3	0.123	0.0209	0.00963	4.41E-06	7.04E-01	7.67E-06	2.76E-03	2.54E-02	5.92E-06	1.16E-03	6.11E-06	2.51E+00	3.28E-05	1.62E-03	1.31E-02	6.91E-03	8.81E-01
2046-10-01	20	101	51.60	11.4	0.121	17.1	0.122	0.0207	0.00957	4.39E-06	7.04E-01	7.67E-06	2.74E-03	2.52E-02	5.90E-06	1.15E-03	6.08E-06	2.50E+00	3.26E-05	1.62E-03	1.31E-02	6.87E-03	8.81E-01
2046-11-01	20	101	51.40	11.3	0.121	17.1	0.122	0.0207	0.00953	4.38E-06	7.04E-01	7.67E-06	2.73E-03	2.51E-02	5.89E-06	1.15E-03	6.06E-06	2.49E+00	3.25E-05	1.61E-03	1.31E-02	6.85E-03	8.81E-01
2046-12-01	20	101	51.30	11.3	0.121	17.1	0.122	0.0206	0.00952	4.37E-06	7.04E-01	7.67E-06	2.72E-03	2.51E-02	5.89E-06	1.15E-03	6.06E-06	2.49E+00	3.25E-05	1.61E-03	1.31E-02	6.84E-03	8.81E-01
2047-01-01	21	101	51.30	11.3	0.121	17.1	0.122	0.0206	0.00952	4.37E-06	7.04E-01	7.67E-06	2.73E-03	2.51E-02	5.89E-06	1.15E-03	6.06E-06	2.49E+00	3.25E-05	1.61E-03	1.31E-02	6.84E-03	8.81E-01
2047-02-01	21	101	51.40	11.3	0.121	17.1	0.122	0.0207	0.00953	4.38E-06	7.04E-01	7.67E-06	2.73E-03	2.51E-02	5.89E-06	1.15E-03	6.06						

Pond_3 15ppmTSS																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2051-02-01	25	93.2	47.40	10.4	0.107	15.2	0.108	0.0207	0.00876	4.38E-06	7.04E-01	7.67E-06	2.54E-03	2.66E-02	5.89E-06	1.11E-03	6.06E-06	2.40E+00	3.01E-05	1.57E-03	1.31E-02	6.40E-03	8.81E-01
2051-03-01	25	93.1	47.30	10.4	0.108	15.2	0.109	0.0207	0.00875	4.38E-06	7.04E-01	7.67E-06	2.54E-03	2.67E-02	5.90E-06	1.11E-03	6.07E-06	2.40E+00	3.01E-05	1.57E-03	1.31E-02	6.39E-03	8.81E-01
2051-04-01	25	92.7	47.10	10.3	0.108	15.3	0.11	0.0208	0.0087	4.40E-06	7.04E-01	7.67E-06	2.53E-03	2.69E-02	5.90E-06	1.12E-03	6.08E-06	2.40E+00	2.99E-05	1.57E-03	1.31E-02	6.37E-03	8.81E-01
2051-05-01	25	91.6	46.60	10.2	0.108	15.3	0.11	0.0207	0.0086	4.38E-06	7.04E-01	7.67E-06	2.51E-03	2.69E-02	5.89E-06	1.11E-03	6.07E-06	2.39E+00	2.96E-05	1.57E-03	1.31E-02	6.31E-03	8.81E-01
2051-06-01	25	91.6	46.50	10.2	0.108	15.3	0.11	0.0207	0.0086	4.38E-06	7.04E-01	7.67E-06	2.51E-03	2.69E-02	5.89E-06	1.11E-03	6.07E-06	2.39E+00	2.96E-05	1.57E-03	1.31E-02	6.30E-03	8.81E-01
2051-07-01	25	91.9	46.70	10.2	0.109	15.4	0.11	0.0208	0.00862	4.39E-06	7.04E-01	7.67E-06	2.52E-03	2.70E-02	5.90E-06	1.12E-03	6.08E-06	2.40E+00	2.97E-05	1.57E-03	1.31E-02	6.32E-03	8.81E-01
2051-08-01	25	92.1	46.80	10.3	0.109	15.4	0.11	0.0208	0.00865	4.40E-06	7.04E-01	7.67E-06	2.52E-03	2.71E-02	5.91E-06	1.12E-03	6.09E-06	2.40E+00	2.98E-05	1.57E-03	1.31E-02	6.33E-03	8.81E-01
2051-09-01	25	92.4	47.00	10.3	0.109	15.5	0.111	0.0209	0.00867	4.41E-06	7.04E-01	7.67E-06	2.53E-03	2.72E-02	5.92E-06	1.12E-03	6.11E-06	2.41E+00	2.99E-05	1.57E-03	1.31E-02	6.35E-03	8.81E-01
2051-10-01	25	91.8	46.70	10.2	0.109	15.4	0.11	0.0207	0.00862	4.39E-06	7.04E-01	7.67E-06	2.51E-03	2.70E-02	5.90E-06	1.12E-03	6.08E-06	2.39E+00	2.97E-05	1.57E-03	1.31E-02	6.32E-03	8.81E-01
2051-11-01	25	91.5	46.50	10.2	0.108	15.3	0.109	0.0207	0.00859	4.38E-06	7.04E-01	7.67E-06	2.50E-03	2.69E-02	5.89E-06	1.11E-03	6.06E-06	2.39E+00	2.96E-05	1.56E-03	1.31E-02	6.30E-03	8.81E-01
2051-12-01	25	91.3	46.40	10.2	0.108	15.3	0.109	0.0206	0.00857	4.37E-06	7.04E-01	7.67E-06	2.50E-03	2.69E-02	5.89E-06	1.11E-03	6.06E-06	2.39E+00	2.95E-05	1.56E-03	1.31E-02	6.29E-03	8.81E-01
2052-01-01	26	91.4	46.40	10.2	0.108	15.3	0.109	0.0206	0.00857	4.37E-06	7.04E-01	7.67E-06	2.50E-03	2.69E-02	5.89E-06	1.11E-03	6.06E-06	2.39E+00	2.95E-05	1.56E-03	1.31E-02	6.29E-03	8.81E-01
2052-02-01	26	91.5	46.50	10.2	0.108	15.3	0.109	0.0207	0.00858	4.38E-06	7.04E-01	7.67E-06	2.51E-03	2.69E-02	5.89E-06	1.12E-03	6.06E-06	2.39E+00	2.96E-05	1.56E-03	1.31E-02	6.30E-03	8.81E-01
2052-03-01	26	91.7	46.60	10.2	0.109	15.4	0.11	0.0207	0.0086	4.38E-06	7.04E-01	7.67E-06	2.51E-03	2.69E-02	5.90E-06	1.12E-03	6.07E-06	2.39E+00	2.96E-05	1.57E-03	1.31E-02	6.31E-03	8.81E-01
2052-04-01	26	92.1	46.80	10.2	0.11	15.5	0.111	0.0208	0.00863	4.40E-06	7.04E-01	7.67E-06	2.53E-03	2.70E-02	5.90E-06	1.14E-03	6.08E-06	2.40E+00	2.98E-05	1.57E-03	1.31E-02	6.33E-03	8.81E-01
2052-05-01	26	91.8	46.60	10.2	0.11	15.5	0.111	0.0207	0.0086	4.38E-06	7.04E-01	7.67E-06	2.53E-03	2.69E-02	5.89E-06	1.14E-03	6.07E-06	2.40E+00	2.97E-05	1.57E-03	1.31E-02	6.31E-03	8.81E-01
2052-06-01	26	91.8	46.60	10.2	0.11	15.5	0.111	0.0207	0.0086	4.38E-06	7.04E-01	7.67E-06	2.53E-03	2.69E-02	5.89E-06	1.14E-03	6.07E-06	2.40E+00	2.97E-05	1.57E-03	1.31E-02	6.31E-03	8.81E-01
2052-07-01	26	92.1	46.80	10.2	0.11	15.6	0.111	0.0208	0.00863	4.39E-06	7.04E-01	7.67E-06	2.54E-03	2.70E-02	5.90E-06	1.15E-03	6.08E-06	2.41E+00	2.98E-05	1.57E-03	1.31E-02	6.33E-03	8.81E-01
2052-08-01	26	92.3	46.90	10.3	0.11	15.6	0.111	0.0208	0.00865	4.40E-06	7.04E-01	7.67E-06	2.54E-03	2.71E-02	5.91E-06	1.15E-03	6.09E-06	2.41E+00	2.98E-05	1.57E-03	1.31E-02	6.34E-03	8.81E-01
2052-09-01	26	92.6	47.10	10.3	0.111	15.6	0.112	0.0209	0.00868	4.41E-06	7.04E-01	7.67E-06	2.55E-03	2.71E-02	5.92E-06	1.15E-03	6.11E-06	2.42E+00	2.99E-05	1.57E-03	1.31E-02	6.36E-03	8.81E-01
2052-10-01	26	92	46.80	10.2	0.11	15.5	0.111	0.0207	0.00862	4.39E-06	7.04E-01	7.67E-06	2.54E-03	2.70E-02	5.90E-06	1.15E-03	6.08E-06	2.40E+00	2.97E-05	1.57E-03	1.31E-02	6.33E-03	8.81E-01
2052-11-01	26	91.7	46.60	10.2	0.11	15.5	0.111	0.0207	0.00859	4.38E-06	7.04E-01	7.67E-06	2.53E-03	2.69E-02	5.89E-06	1.14E-03	6.06E-06	2.40E+00	2.96E-05	1.57E-03	1.31E-02	6.31E-03	8.81E-01
2052-12-01	26	91.5	46.50	10.2	0.109	15.5	0.111	0.0206	0.00858	4.37E-06	7.04E-01	7.67E-06	2.52E-03	2.68E-02	5.89E-06	1.14E-03	6.06E-06	2.39E+00	2.96E-05	1.56E-03	1.31E-02	6.30E-03	8.81E-01
2053-01-01	27	91.6	46.50	10.2	0.109	15.5	0.111	0.0206	0.00858	4.37E-06	7.04E-01	7.67E-06	2.52E-03	2.68E-02	5.89E-06	1.14E-03	6.06E-06	2.40E+00	2.96E-05	1.56E-03	1.31E-02	6.30E-03	8.81E-01
2053-02-01	27	92	46.70	10.2	0.11	15.6	0.111	0.0207	0.00862	4.38E-06	7.04E-01	7.67E-06	2.54E-03	2.68E-02	5.89E-06	1.15E-03	6.06E-06	2.40E+00	2.97E-05	1.57E-03	1.31E-02	6.32E-03	8.81E-01
2053-03-01	27	92.6	47.10	10.3	0.111	15.7	0.112	0.0207	0.00868	4.38E-06	7.04E-01	7.67E-06	2.56E-03	2.68E-02	5.90E-06	1.16E-03	6.07E-06	2.41E+00	2.99E-05	1.57E-03	1.31E-02	6.36E-03	8.81E-01
2053-04-01	27	94.5	48.00	10.5	0.114	16.1	0.115	0.02086															

Pond_3 15ppmTSS																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2057-04-01	31	98.8	50.20	11	0.111	15.7	0.112	0.0208	0.00931	4.40E-06	7.04E-01	7.67E-06	2.74E-03	2.57E-02	5.90E-06	1.26E-03	6.08E-06	2.48E+00	3.18E-05	1.60E-03	1.31E-02	6.72E-03	8.81E-01
2057-05-01	31	97.4	49.50	10.9	0.107	15.1	0.108	0.0207	0.00918	4.38E-06	7.04E-01	7.67E-06	2.70E-03	2.58E-02	5.89E-06	1.25E-03	6.07E-06	2.46E+00	3.14E-05	1.60E-03	1.31E-02	6.64E-03	8.81E-01
2057-06-01	31	97.4	49.50	10.9	0.107	15.1	0.108	0.0207	0.00918	4.38E-06	7.04E-01	7.67E-06	2.70E-03	2.58E-02	5.89E-06	1.24E-03	6.07E-06	2.46E+00	3.14E-05	1.59E-03	1.31E-02	6.64E-03	8.81E-01
2057-07-01	31	97.7	49.70	10.9	0.107	15.1	0.108	0.0208	0.00921	4.39E-06	7.04E-01	7.67E-06	2.71E-03	2.59E-02	5.90E-06	1.25E-03	6.08E-06	2.47E+00	3.15E-05	1.60E-03	1.31E-02	6.66E-03	8.81E-01
2057-08-01	31	97.9	49.80	10.9	0.107	15.2	0.108	0.0208	0.00923	4.40E-06	7.04E-01	7.67E-06	2.72E-03	2.60E-02	5.91E-06	1.25E-03	6.09E-06	2.47E+00	3.16E-05	1.60E-03	1.31E-02	6.67E-03	8.81E-01
2057-09-01	31	98.2	49.90	11	0.108	15.2	0.109	0.0209	0.00926	4.41E-06	7.04E-01	7.67E-06	2.73E-03	2.60E-02	5.92E-06	1.25E-03	6.11E-06	2.48E+00	3.16E-05	1.60E-03	1.31E-02	6.69E-03	8.81E-01
2057-10-01	31	97.6	49.60	10.9	0.107	15.1	0.108	0.0207	0.0092	4.39E-06	7.04E-01	7.67E-06	2.71E-03	2.59E-02	5.90E-06	1.25E-03	6.08E-06	2.46E+00	3.14E-05	1.60E-03	1.31E-02	6.65E-03	8.81E-01
2057-11-01	31	97.3	49.40	10.9	0.107	15.1	0.108	0.0207	0.00917	4.38E-06	7.04E-01	7.67E-06	2.70E-03	2.58E-02	5.89E-06	1.24E-03	6.06E-06	2.46E+00	3.13E-05	1.59E-03	1.31E-02	6.63E-03	8.81E-01
2057-12-01	31	97.1	49.30	10.9	0.106	15	0.108	0.0206	0.00915	4.37E-06	7.04E-01	7.67E-06	2.70E-03	2.58E-02	5.89E-06	1.24E-03	6.06E-06	2.46E+00	3.13E-05	1.59E-03	1.31E-02	6.62E-03	8.81E-01
2058-01-01	32	97.1	49.40	10.9	0.107	15	0.108	0.0206	0.00915	4.37E-06	7.04E-01	7.67E-06	2.70E-03	2.58E-02	5.89E-06	1.24E-03	6.06E-06	2.46E+00	3.13E-05	1.59E-03	1.31E-02	6.63E-03	8.81E-01
2058-02-01	32	96.5	49.00	10.8	0.106	14.9	0.107	0.0207	0.00909	4.38E-06	7.04E-01	7.67E-06	2.68E-03	2.59E-02	5.89E-06	1.24E-03	6.06E-06	2.45E+00	3.11E-05	1.59E-03	1.31E-02	6.59E-03	8.81E-01
2058-03-01	32	95.5	48.50	10.7	0.105	14.8	0.106	0.0207	0.009	4.38E-06	7.04E-01	7.67E-06	2.65E-03	2.62E-02	5.90E-06	1.23E-03	6.07E-06	2.44E+00	3.08E-05	1.59E-03	1.31E-02	6.53E-03	8.81E-01
2058-04-01	32	92.4	46.90	10.3	0.101	14.2	0.102	0.0208	0.0087	4.40E-06	7.04E-01	7.67E-06	2.57E-03	2.70E-02	5.90E-06	1.19E-03	6.08E-06	2.40E+00	2.99E-05	1.57E-03	1.31E-02	6.36E-03	8.81E-01
2058-05-01	32	88.8	45.10	9.92	0.0964	13.6	0.0975	0.0207	0.00836	4.38E-06	7.04E-01	7.67E-06	2.47E-03	2.75E-02	5.89E-06	1.16E-03	6.07E-06	2.35E+00	2.87E-05	1.55E-03	1.31E-02	6.15E-03	8.81E-01
2058-06-01	32	88.6	45.00	9.9	0.0962	13.6	0.0973	0.0207	0.00835	4.38E-06	7.04E-01	7.67E-06	2.47E-03	2.76E-02	5.89E-06	1.16E-03	6.07E-06	2.35E+00	2.87E-05	1.55E-03	1.31E-02	6.14E-03	8.81E-01
2058-07-01	32	88.9	45.20	9.93	0.0965	13.6	0.0976	0.0208	0.00838	4.39E-06	7.04E-01	7.67E-06	2.47E-03	2.77E-02	5.90E-06	1.16E-03	6.08E-06	2.35E+00	2.88E-05	1.55E-03	1.31E-02	6.16E-03	8.81E-01
2058-08-01	32	89.1	45.30	9.96	0.0967	13.7	0.0978	0.0208	0.0084	4.40E-06	7.04E-01	7.67E-06	2.48E-03	2.77E-02	5.91E-06	1.16E-03	6.09E-06	2.36E+00	2.89E-05	1.55E-03	1.31E-02	6.17E-03	8.81E-01
2058-09-01	32	89.4	45.40	9.99	0.097	13.7	0.0981	0.0209	0.00842	4.41E-06	7.04E-01	7.67E-06	2.49E-03	2.78E-02	5.92E-06	1.17E-03	6.11E-06	2.36E+00	2.89E-05	1.55E-03	1.31E-02	6.19E-03	8.81E-01
2058-10-01	32	88.8	45.10	9.92	0.0964	13.6	0.0975	0.0207	0.00837	4.39E-06	7.04E-01	7.67E-06	2.47E-03	2.76E-02	5.90E-06	1.16E-03	6.08E-06	2.35E+00	2.88E-05	1.55E-03	1.31E-02	6.15E-03	8.81E-01
2058-11-01	32	88.5	45.00	9.89	0.0961	13.6	0.0971	0.0207	0.00834	4.38E-06	7.04E-01	7.67E-06	2.46E-03	2.75E-02	5.89E-06	1.16E-03	6.06E-06	2.35E+00	2.87E-05	1.55E-03	1.31E-02	6.14E-03	8.81E-01
2058-12-01	32	88.3	44.90	9.87	0.0959	13.5	0.097	0.0206	0.00832	4.37E-06	7.04E-01	7.67E-06	2.46E-03	2.75E-02	5.89E-06	1.15E-03	6.06E-06	2.34E+00	2.86E-05	1.55E-03	1.31E-02	6.13E-03	8.81E-01
2059-01-01	33	88.4	44.90	9.88	0.0959	13.6	0.097	0.0206	0.00833	4.37E-06	7.04E-01	7.67E-06	2.46E-03	2.75E-02	5.89E-06	1.16E-03	6.06E-06	2.35E+00	2.86E-05	1.55E-03	1.31E-02	6.13E-03	8.81E-01
2059-02-01	33	87.7	44.60	9.8	0.0951	13.4	0.0962	0.0207	0.00826	4.38E-06	7.04E-01	7.67E-06	2.44E-03	2.77E-02	5.89E-06	1.15E-03	6.06E-06	2.34E+00	2.84E-05	1.55E-03	1.31E-02	6.09E-03	8.81E-01
2059-03-01	33	86.7	44.10	9.69	0.0939	13.3	0.095	0.0207	0.00817	4.38E-06	7.04E-01	7.67E-06	2.42E-03	2.80E-02	5.90E-06	1.14E-03	6.07E-06	2.33E+00	2.81E-05	1.54E-03	1.31E-02	6.04E-03	8.81E-01
2059-04-01	33	83.5	42.50	9.34	0.09	12.7	0.0911	0.0208	0.00787	4.40E-06	7.04E-01	7.67E-06	2.33E-03	2.90E-02	5.90E-06	1.11E-03	6.08E-06	2.29E+00	2.72E-05	1.52E-03	1.31E-02	5.86E-03	8.81E-01
2059-05-01	33	80	40.70	8.94	0.0858	12.1	0.0869	0.0207	0.00754	4.38E-06	7.04E-01	7.67E-06	2.23E-03	2.97E-02	5.89E-06	1.07E-03	6.07E-06	2.24E+00	2.61E-05	1.51E-03	1.31E-02	5.65E-03	8.81E-01
2059-06-01	33	79.8	40.60	8.92	0.0856																		

Pond_3 15ppmTSS																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2063-06-01	37	44.7	22.70	4.99	0.0432	6.1	0.0443	0.0207	0.00421	4.38E-06	7.03E-01	7.67E-06	1.28E-03	4.63E-02	5.89E-06	7.21E-04	6.07E-06	1.79E+00	1.53E-05	1.33E-03	1.31E-02	3.65E-03	8.81E-01
2063-07-01	37	44.8	22.80	5	0.0433	6.12	0.0444	0.0208	0.00422	4.39E-06	7.03E-01	7.67E-06	1.28E-03	4.65E-02	5.90E-06	7.23E-04	6.08E-06	1.80E+00	1.54E-05	1.33E-03	1.31E-02	3.66E-03	8.81E-01
2063-08-01	37	44.9	22.90	5.02	0.0434	6.14	0.0445	0.0208	0.00423	4.40E-06	7.03E-01	7.67E-06	1.29E-03	4.66E-02	5.91E-06	7.24E-04	6.09E-06	1.80E+00	1.54E-05	1.33E-03	1.31E-02	3.67E-03	8.81E-01
2063-09-01	37	45.1	22.90	5.03	0.0436	6.16	0.0447	0.0209	0.00424	4.41E-06	7.03E-01	7.67E-06	1.29E-03	4.67E-02	5.92E-06	7.25E-04	6.11E-06	1.80E+00	1.54E-05	1.33E-03	1.31E-02	3.68E-03	8.81E-01
2063-10-01	37	44.8	22.80	5	0.0433	6.11	0.0444	0.0207	0.00421	4.39E-06	7.03E-01	7.67E-06	1.28E-03	4.64E-02	5.90E-06	7.22E-04	6.08E-06	1.79E+00	1.53E-05	1.33E-03	1.31E-02	3.66E-03	8.81E-01
2063-11-01	37	44.6	22.70	4.98	0.0431	6.09	0.0442	0.0207	0.0042	4.38E-06	7.03E-01	7.67E-06	1.28E-03	4.63E-02	5.89E-06	7.21E-04	6.06E-06	1.79E+00	1.53E-05	1.33E-03	1.31E-02	3.65E-03	8.81E-01
2063-12-01	37	44.5	22.70	4.97	0.0431	6.08	0.0441	0.0206	0.00419	4.37E-06	7.03E-01	7.67E-06	1.28E-03	4.62E-02	5.89E-06	7.20E-04	6.06E-06	1.79E+00	1.53E-05	1.33E-03	1.31E-02	3.65E-03	8.81E-01
2064-01-01	38	44.6	22.70	4.97	0.0431	6.09	0.0442	0.0206	0.00419	4.37E-06	7.03E-01	7.67E-06	1.28E-03	4.62E-02	5.89E-06	7.20E-04	6.06E-06	1.79E+00	1.53E-05	1.33E-03	1.31E-02	3.65E-03	8.81E-01
2064-02-01	38	43.8	22.30	4.89	0.0422	5.96	0.0433	0.0207	0.00413	4.38E-06	7.03E-01	7.67E-06	1.26E-03	4.71E-02	5.89E-06	7.13E-04	6.06E-06	1.78E+00	1.51E-05	1.32E-03	1.31E-02	3.60E-03	8.81E-01
2064-03-01	38	42.8	21.80	4.78	0.0409	5.78	0.042	0.0207	0.00403	4.38E-06	7.03E-01	7.67E-06	1.23E-03	4.83E-02	5.90E-06	7.03E-04	6.07E-06	1.77E+00	1.47E-05	1.32E-03	1.31E-02	3.55E-03	8.81E-01
2064-04-01	38	39.4	20.10	4.4	0.0368	5.21	0.0379	0.0208	0.00371	4.40E-06	7.03E-01	7.67E-06	1.14E-03	5.21E-02	5.90E-06	6.69E-04	6.08E-06	1.73E+00	1.37E-05	1.30E-03	1.31E-02	3.36E-03	8.81E-01
2064-05-01	38	36.1	18.30	4.02	0.0328	4.63	0.0339	0.0207	0.00339	4.38E-06	7.03E-01	7.67E-06	1.04E-03	5.53E-02	5.89E-06	6.36E-04	6.07E-06	1.68E+00	1.27E-05	1.28E-03	1.31E-02	3.16E-03	8.81E-01
2064-06-01	38	35.9	18.30	4	0.0326	4.6	0.0337	0.0207	0.00338	4.38E-06	7.03E-01	7.67E-06	1.04E-03	5.55E-02	5.89E-06	6.34E-04	6.07E-06	1.68E+00	1.26E-05	1.28E-03	1.31E-02	3.16E-03	8.81E-01
2064-07-01	38	36	18.30	4.02	0.0327	4.62	0.0338	0.0208	0.00339	4.39E-06	7.03E-01	7.67E-06	1.04E-03	5.57E-02	5.90E-06	6.35E-04	6.08E-06	1.68E+00	1.27E-05	1.28E-03	1.31E-02	3.16E-03	8.81E-01
2064-08-01	38	36.1	18.40	4.03	0.0328	4.63	0.0339	0.0208	0.00334	4.40E-06	7.03E-01	7.67E-06	1.04E-03	5.58E-02	5.91E-06	6.36E-04	6.09E-06	1.69E+00	1.27E-05	1.28E-03	1.31E-02	3.17E-03	8.81E-01
2064-09-01	38	36.2	18.40	4.04	0.0329	4.64	0.034	0.0209	0.00341	4.41E-06	7.03E-01	7.67E-06	1.05E-03	5.60E-02	5.92E-06	6.37E-04	6.11E-06	1.69E+00	1.27E-05	1.28E-03	1.31E-02	3.17E-03	8.81E-01
2064-10-01	38	36	18.30	4.01	0.0327	4.61	0.0337	0.0207	0.00338	4.39E-06	7.03E-01	7.67E-06	1.04E-03	5.56E-02	5.90E-06	6.35E-04	6.08E-06	1.68E+00	1.27E-05	1.28E-03	1.31E-02	3.16E-03	8.81E-01
2064-11-01	38	35.8	18.20	4	0.0325	4.6	0.0336	0.0207	0.00337	4.38E-06	7.03E-01	7.67E-06	1.04E-03	5.54E-02	5.89E-06	6.34E-04	6.06E-06	1.68E+00	1.26E-05	1.28E-03	1.31E-02	3.15E-03	8.81E-01
2064-12-01	38	35.8	18.20	3.99	0.0325	4.59	0.0336	0.0206	0.00337	4.37E-06	7.03E-01	7.67E-06	1.04E-03	5.53E-02	5.89E-06	6.33E-04	6.06E-06	1.68E+00	1.26E-05	1.28E-03	1.31E-02	3.15E-03	8.81E-01
2065-01-01	39	35.8	18.20	3.99	0.0325	4.59	0.0336	0.0206	0.00337	4.37E-06	7.03E-01	7.67E-06	1.04E-03	5.53E-02	5.89E-06	6.33E-04	6.06E-06	1.68E+00	1.26E-05	1.28E-03	1.31E-02	3.15E-03	8.81E-01
2065-02-01	39	36.1	18.40	4.02	0.0318	4.49	0.0329	0.0205	0.00339	4.35E-06	7.03E-01	7.67E-06	1.04E-03	5.44E-02	5.87E-06	6.36E-04	6.06E-06	1.68E+00	1.27E-05	1.28E-03	1.31E-02	3.17E-03	8.81E-01
2065-03-01	39	36.5	18.60	4.07	0.0306	4.33	0.0318	0.0203	0.00343	4.32E-06	7.03E-01	7.67E-06	1.06E-03	5.30E-02	5.84E-06	6.40E-04	6.06E-06	1.68E+00	1.29E-05	1.29E-03	1.31E-02	3.19E-03	8.82E-01
2065-04-01	39	38	19.40	4.24	0.0264	3.73	0.0278	0.0193	0.00358	4.21E-06	7.03E-01	7.66E-06	1.10E-03	4.75E-02	5.74E-06	6.55E-04	6.05E-06	1.67E+00	1.35E-05	1.29E-03	1.31E-02	3.29E-03	8.84E-01
2065-05-01	39	40	20.40	4.46	0.0195	2.76	0.0213	0.0177	0.00376	3.99E-06	7.02E-01	7.65E-06	1.16E-03	3.86E-02	5.55E-06	6.74E-04	5.99E-06	1.65E+00	1.43E-05	1.31E-03	1.32E-02	3.41E-03	8.88E-01
2065-06-01	39	40.3	20.50	4.49	0.0186	2.63	0.0204	0.0175	0.00379	3.96E-06	7.02E-01	7.65E-06	1.17E-03	3.74E-02	5.52E-06	6.77E-04	5.98E-06	1.65E+00	1.44E-05	1.31E-03	1.32E-02	3.42E-03	8.89E-01
2065-07-01	39	40.5	20.60	4.51	0.0187	2.64	0.0204	0.0176	0.00381	3.97E-06	7.02E-01	7.65E-06	1.18E-03	3.75E-02	5.53E-06	6.79E-04	6.01E-06	1.65E+00	1.45E-05	1.31E-03	1.32E-02	3.44E-03	8.89E-01
2065-08-01	39	40.6	20.70	4.53	0.0187	2.65	0.0205	0.0176	0.00382	3.99E-06	7.02E-01	7.65E-06	1.18E-03	3.77E-02	5.54E-06	6.81E-04	6.02E-06	1.66E+00	1.45E-05	1.31E-03	1.32E-02	3.45E-03	8.89E-01
2065-09-01	39	40.8	20.80	4.55	0.0188	2.66	0.0206	0.0177	0.00384	4.00E-06	7.02E-01	7.65E-06	1.19E-03	3.79E-02	5.55E-06	6.83E-04	6.04E-06	1.66E+00	1.46E-05	1.31E-03	1.32E-02	3.46E-03	8.89E-01
2065-10-01	39	40.5	20.60	4.51	0.0186	2.63	0.0204	0.0176	0.00381	3.97E-06	7.02E-01	7.65E-06	1.18E-03	3.75E-02	5.53E-06	6.79E-04	6.00E-06	1.65E+00	1.45E-05	1.31E-03	1.32E-02	3.44E-03	8.89E-01
2065-11-01	39	40.2	20.50	4.49	0.0185	2.62	0.0203	0.0175	0.00378	3.95E-06	7.02E-01	7.65E-06	1.17E-03	3.73E-02	5.52E-06	6.77E-04	5.98E						

Pond_3 15ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
Pond 3 Statistics (Year 4 to Year 42)																						
Minimum		0.1336	0.001260155	26.407	0.01872	0.00085765	0.1549	0.16915	0.01569	0.00023245	0.0002283	0.000213755	0.060009195	0.0192185	0.022966	1.9655E-06	0.001742265	0.0014635	0.000381735	0.00027035	0.00541	0.021375
P10		0.1682	0.001500155	37.207	0.021054	0.00154765	0.1549	0.19711	0.018088	0.00039965	0.0003253	0.000389955	0.06039195	0.0343785	0.0230996	2.4255E-06	0.003064265	0.0016175	0.000635935	0.00031535	0.009078	0.031075
Median		0.2282	0.001990155	58.407	0.02585	0.00318765	0.1551	0.24545	0.02375	0.00078245	0.0003263	0.000799755	0.06079195	0.0701185	0.023415	2.4355E-06	0.006312265	0.0019425	0.001073735	0.00040635	0.01758	0.031175
P90		0.2582	0.002100155	66.107	0.02785	0.00385765	0.1556	0.26845	0.02605	0.00093945	0.0003283	0.000953755	0.06139195	0.0839585	0.023541	2.4455E-06	0.007632265	0.0021025	0.001273735	0.00042835	0.02108	0.031275
Maximum		0.2612	0.003410155	66.807	0.02805	0.00389765	0.2781	0.27145	0.02625	0.00095045	0.0003283	0.000972755	0.18409195	0.0854185	0.023551	2.4455E-06	0.007752265	0.0021175	0.001293735	0.00059235	0.02138	0.031375
Monthly Results																						
2027-01-01	1	1.27E-01	2.07E-03	2.44E+01	1.85E-02	4.85E-04	2.16E-01	1.64E-01	1.44E-02	1.51E-04	2.89E-04	1.31E-04	1.21E-01	1.15E-02	2.29E-02	2.27E-06	9.49E-04	1.40E-03	4.04E-04	3.81E-04	3.54E-03	2.74E-02
2027-02-01	1	1.27E-01	2.04E-03	2.45E+01	1.85E-02	4.96E-04	2.14E-01	1.64E-01	1.45E-02	1.53E-04	2.89E-04	1.34E-04	1.19E-01	1.18E-02	2.29E-02	2.27E-06	9.69E-04	1.40E-03	4.02E-04	3.77E-04	3.59E-03	2.74E-02
2027-03-01	1	1.27E-01	1.99E-03	2.48E+01	1.85E-02	5.12E-04	2.10E-01	1.64E-01	1.45E-02	1.56E-04	2.89E-04	1.37E-04	1.15E-01	1.21E-02	2.29E-02	2.27E-06	1.00E-03	1.40E-03	4.00E-04	3.71E-04	3.67E-03	2.75E-02
2027-04-01	1	1.28E-01	1.83E-03	2.55E+01	1.84E-02	5.67E-04	1.98E-01	1.64E-01	1.47E-02	1.67E-04	2.89E-04	1.51E-04	1.03E-01	1.33E-02	2.29E-02	2.26E-06	1.10E-03	1.41E-03	3.91E-04	3.48E-04	3.93E-03	2.76E-02
2027-05-01	1	1.27E-01	1.59E-03	2.62E+01	1.84E-02	6.35E-04	1.81E-01	1.64E-01	1.50E-02	1.81E-04	2.87E-04	1.68E-04	8.63E-02	1.49E-02	2.29E-02	2.24E-06	1.24E-03	1.41E-03	3.75E-04	3.14E-04	4.26E-03	2.74E-02
2027-06-01	1	1.27E-01	1.57E-03	2.62E+01	1.83E-02	6.43E-04	1.79E-01	1.64E-01	1.50E-02	1.83E-04	2.86E-04	1.70E-04	8.45E-02	1.51E-02	2.29E-02	2.23E-06	1.25E-03	1.41E-03	3.74E-04	3.11E-04	4.29E-03	2.74E-02
2027-07-01	1	1.28E-01	1.57E-03	2.63E+01	1.84E-02	6.46E-04	1.80E-01	1.64E-01	1.50E-02	1.84E-04	2.88E-04	1.71E-04	8.48E-02	1.51E-02	2.29E-02	2.24E-06	1.26E-03	1.42E-03	3.75E-04	3.12E-04	4.31E-03	2.75E-02
2027-08-01	1	1.28E-01	1.58E-03	2.64E+01	1.84E-02	6.49E-04	1.80E-01	1.64E-01	1.50E-02	1.84E-04	2.89E-04	1.71E-04	8.51E-02	1.52E-02	2.29E-02	2.25E-06	1.26E-03	1.42E-03	3.77E-04	3.13E-04	4.32E-03	2.76E-02
2027-09-01	1	1.28E-01	1.58E-03	2.65E+01	1.84E-02	6.51E-04	1.80E-01	1.65E-01	1.50E-02	1.85E-04	2.90E-04	1.72E-04	8.55E-02	1.52E-02	2.29E-02	2.25E-06	1.27E-03	1.42E-03	3.78E-04	3.13E-04	4.34E-03	2.77E-02
2027-10-01	1	1.28E-01	1.57E-03	2.63E+01	1.84E-02	6.46E-04	1.80E-01	1.64E-01	1.50E-02	1.83E-04	2.87E-04	1.71E-04	8.48E-02	1.51E-02	2.29E-02	2.24E-06	1.26E-03	1.41E-03	3.75E-04	3.12E-04	4.31E-03	2.75E-02
2027-11-01	1	1.27E-01	1.56E-03	2.62E+01	1.83E-02	6.43E-04	1.79E-01	1.64E-01	1.50E-02	1.83E-04	2.86E-04	1.70E-04	8.43E-02	1.50E-02	2.29E-02	2.23E-06	1.25E-03	1.41E-03	3.73E-04	3.11E-04	4.29E-03	2.74E-02
2027-12-01	1	1.27E-01	1.56E-03	2.62E+01	1.83E-02	6.41E-04	1.79E-01	1.64E-01	1.50E-02	1.82E-04	2.85E-04	1.69E-04	8.41E-02	1.50E-02	2.29E-02	2.23E-06	1.25E-03	1.41E-03	3.72E-04	3.10E-04	4.28E-03	2.73E-02
2028-01-01	2	1.27E-01	1.56E-03	2.62E+01	1.83E-02	6.41E-04	1.79E-01	1.64E-01	1.50E-02	1.82E-04	2.85E-04	1.69E-04	8.42E-02	1.50E-02	2.29E-02	2.23E-06	1.25E-03	1.41E-03	3.72E-04	3.10E-04	4.28E-03	2.73E-02
2028-02-01	2	1.29E-01	1.53E-03	2.64E+01	1.83E-02	6.41E-04	1.77E-01	1.65E-01	1.50E-02	1.82E-04	2.89E-04	1.69E-04	8.21E-02	1.50E-02	2.29E-02	2.25E-06	1.25E-03	1.41E-03	3.68E-04	3.06E-04	4.28E-03	2.77E-02
2028-03-01	2	1.31E-01	1.49E-03	2.67E+01	1.83E-02	6.40E-04	1.74E-01	1.66E-01	1.50E-02	1.82E-04	2.95E-04	1.68E-04	7.92E-02	1.49E-02	2.29E-02	2.28E-06	1.25E-03	1.41E-03	3.61E-04	2.99E-04	4.27E-03	2.82E-02
2028-04-01	2	1.38E-01	1.35E-03	2.78E+01	1.82E-02	6.37E-04	1.65E-01	1.71E-01	1.49E-02	1.80E-04	3.11E-04	1.65E-04	6.99E-02	1.47E-02	2.29E-02	2.37E-06	1.26E-03	1.42E-03	3.39E-04	2.79E-04	4.24E-03	2.98E-02
2028-05-01	2	1.44E-01	1.21E-03	2.86E+01	1.80E-02	6.29E-04	1.56E-01	1.75E-01	1.49E-02	1.77E-04	3.25E-04	1.61E-04	6.07E-02	1.45E-02	2.29E-02	2.43E-06	1.25E-03	1.41E-03	3.17E-04	2.59E-04	4.19E-03	3.11E-02
2028-06-01	2	1.44E-01	1.20E-03	2.86E+01	1.80E-02	6.29E-04	1.55E-01	1.76E-01	1.49E-02	1.77E-04	3.26E-04	1.61E-04	6.02E-02	1.45E-02	2.29E-02	2.44E-06	1.25E-03	1.41E-03	3.16E-04	2.58E-04	4.18E-03	3.12E-02
2028-07-01	2	1.45E-01	1.20E-03	2.87E+01	1.80E-02	6.31E-04	1.55E-01	1.76E-01	1.49E-02	1.77E-04	3.27E-04	1.61E-04	6.04E-02	1.45E-02	2.29E-02	2.44E-06	1.26E-03	1.42E-03	3.17E-04	2.59E-04	4.20E-03	3.13E-02
2028-08-01	2	1.45E-01	1.21E-03	2.88E+01	1.80E-02	6.33E-04	1.55E-01	1.76E-01	1.49E-02	1.78E-04	3.28E-04	1.62E-04	6.06E-02	1.45E-02	2.29E-02	2.45E-06	1.26E-03	1.42E-03	3.17E-04	2.59E-04	4.20E-03	3.13E-02
2028-09-01	2	1.45E-01	1.21E-03	2.89E+01	1.80E-02	6.35E-04	1.56E-01	1.76E-01	1.49E-02	1.78E-04	3.28E-04	1.62E-04	6.08E-02	1.46E-02	2.29E-02	2.45E-06	1.26E-03	1.42E-03	3.18E-04	2.60E-04	4.21E-03	3.14E-02
2028-10-01	2	1.45E-01	1.20E-03	2.87E+01	1.80E-02	6.30E-04	1.55E-															

Pond_3 15ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese	Molybdenum	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorus mg/L
2032-08-01	6	1.83E-01	1.53E-03	4.27E+01	2.16E-02	1.83E-03	1.55E-01	2.07E-01	1.91E-02	4.60E-04	3.28E-04	4.57E-04	6.08E-02	4.03E-02	2.32E-02	2.45E-06	3.63E-03	1.66E-03	6.73E-04	3.22E-04	1.05E-02	3.13E-02
2032-09-01	6	1.83E-01	1.54E-03	4.28E+01	2.16E-02	1.84E-03	1.56E-01	2.07E-01	1.91E-02	4.62E-04	3.28E-04	4.58E-04	6.10E-02	4.04E-02	2.32E-02	2.45E-06	3.64E-03	1.66E-03	6.75E-04	3.23E-04	1.05E-02	3.14E-02
2032-10-01	6	1.82E-01	1.53E-03	4.26E+01	2.16E-02	1.82E-03	1.55E-01	2.06E-01	1.90E-02	4.59E-04	3.26E-04	4.55E-04	6.06E-02	4.02E-02	2.31E-02	2.44E-06	3.62E-03	1.65E-03	6.71E-04	3.21E-04	1.04E-02	3.12E-02
2032-11-01	6	1.82E-01	1.52E-03	4.24E+01	2.16E-02	1.82E-03	1.55E-01	2.06E-01	1.90E-02	4.57E-04	3.25E-04	4.53E-04	6.04E-02	4.00E-02	2.31E-02	2.44E-06	3.60E-03	1.65E-03	6.69E-04	3.20E-04	1.04E-02	3.11E-02
2032-12-01	6	1.82E-01	1.52E-03	4.23E+01	2.16E-02	1.81E-03	1.55E-01	2.06E-01	1.90E-02	4.57E-04	3.25E-04	4.53E-04	6.03E-02	4.00E-02	2.31E-02	2.43E-06	3.60E-03	1.65E-03	6.67E-04	3.20E-04	1.04E-02	3.11E-02
2033-01-01	7	1.82E-01	1.52E-03	4.24E+01	2.16E-02	1.81E-03	1.55E-01	2.06E-01	1.90E-02	4.57E-04	3.25E-04	4.53E-04	6.03E-02	4.00E-02	2.31E-02	2.43E-06	3.60E-03	1.65E-03	6.68E-04	3.20E-04	1.04E-02	3.11E-02
2033-02-01	7	1.82E-01	1.53E-03	4.25E+01	2.16E-02	1.83E-03	1.55E-01	2.06E-01	1.90E-02	4.59E-04	3.25E-04	4.55E-04	6.04E-02	4.02E-02	2.31E-02	2.44E-06	3.62E-03	1.66E-03	6.71E-04	3.21E-04	1.05E-02	3.11E-02
2033-03-01	7	1.83E-01	1.53E-03	4.27E+01	2.17E-02	1.84E-03	1.55E-01	2.07E-01	1.91E-02	4.63E-04	3.26E-04	4.59E-04	6.05E-02	4.06E-02	2.32E-02	2.44E-06	3.65E-03	1.66E-03	6.76E-04	3.22E-04	1.05E-02	3.12E-02
2033-04-01	7	1.86E-01	1.55E-03	4.34E+01	2.18E-02	1.89E-03	1.55E-01	2.09E-01	1.93E-02	4.75E-04	3.27E-04	4.71E-04	6.07E-02	4.16E-02	2.32E-02	2.45E-06	3.75E-03	1.67E-03	6.90E-04	3.25E-04	1.08E-02	3.13E-02
2033-05-01	7	1.87E-01	1.55E-03	4.36E+01	2.19E-02	1.92E-03	1.55E-01	2.10E-01	1.94E-02	4.81E-04	3.26E-04	4.77E-04	6.05E-02	4.22E-02	2.32E-02	2.44E-06	3.81E-03	1.68E-03	6.98E-04	3.26E-04	1.10E-02	3.12E-02
2033-06-01	7	1.87E-01	1.56E-03	4.36E+01	2.19E-02	1.92E-03	1.55E-01	2.10E-01	1.94E-02	4.82E-04	3.26E-04	4.78E-04	6.05E-02	4.22E-02	2.32E-02	2.44E-06	3.81E-03	1.68E-03	6.99E-04	3.26E-04	1.10E-02	3.12E-02
2033-07-01	7	1.88E-01	1.56E-03	4.38E+01	2.19E-02	1.93E-03	1.55E-01	2.11E-01	1.94E-02	4.83E-04	3.27E-04	4.79E-04	6.07E-02	4.23E-02	2.32E-02	2.44E-06	3.83E-03	1.68E-03	7.01E-04	3.27E-04	1.10E-02	3.13E-02
2033-08-01	7	1.88E-01	1.56E-03	4.39E+01	2.20E-02	1.93E-03	1.55E-01	2.11E-01	1.94E-02	4.85E-04	3.28E-04	4.80E-04	6.08E-02	4.24E-02	2.32E-02	2.45E-06	3.84E-03	1.68E-03	7.03E-04	3.27E-04	1.10E-02	3.13E-02
2033-09-01	7	1.88E-01	1.57E-03	4.40E+01	2.20E-02	1.94E-03	1.56E-01	2.11E-01	1.94E-02	4.86E-04	3.28E-04	4.82E-04	6.10E-02	4.26E-02	2.32E-02	2.45E-06	3.85E-03	1.68E-03	7.05E-04	3.28E-04	1.11E-02	3.14E-02
2033-10-01	7	1.87E-01	1.56E-03	4.37E+01	2.19E-02	1.93E-03	1.55E-01	2.11E-01	1.94E-02	4.83E-04	3.26E-04	4.79E-04	6.06E-02	4.23E-02	2.32E-02	2.44E-06	3.82E-03	1.68E-03	7.00E-04	3.26E-04	1.10E-02	3.12E-02
2033-11-01	7	1.87E-01	1.55E-03	4.36E+01	2.19E-02	1.92E-03	1.55E-01	2.10E-01	1.94E-02	4.81E-04	3.25E-04	4.77E-04	6.04E-02	4.22E-02	2.32E-02	2.44E-06	3.81E-03	1.68E-03	6.98E-04	3.26E-04	1.10E-02	3.11E-02
2033-12-01	7	1.87E-01	1.55E-03	4.35E+01	2.19E-02	1.92E-03	1.55E-01	2.10E-01	1.93E-02	4.81E-04	3.25E-04	4.76E-04	6.03E-02	4.21E-02	2.32E-02	2.43E-06	3.80E-03	1.68E-03	6.97E-04	3.25E-04	1.09E-02	3.11E-02
2034-01-01	8	1.87E-01	1.55E-03	4.35E+01	2.19E-02	1.92E-03	1.55E-01	2.10E-01	1.93E-02	4.81E-04	3.25E-04	4.76E-04	6.03E-02	4.21E-02	2.32E-02	2.43E-06	3.80E-03	1.68E-03	6.97E-04	3.25E-04	1.09E-02	3.11E-02
2034-02-01	8	1.87E-01	1.56E-03	4.37E+01	2.19E-02	1.93E-03	1.55E-01	2.10E-01	1.94E-02	4.83E-04	3.25E-04	4.79E-04	6.04E-02	4.24E-02	2.32E-02	2.44E-06	3.82E-03	1.68E-03	7.00E-04	3.26E-04	1.10E-02	3.11E-02
2034-03-01	8	1.87E-01	1.56E-03	4.39E+01	2.20E-02	1.94E-03	1.55E-01	2.11E-01	1.94E-02	4.87E-04	3.26E-04	4.84E-04	6.05E-02	4.27E-02	2.32E-02	2.44E-06	3.85E-03	1.68E-03	7.06E-04	3.27E-04	1.11E-02	3.12E-02
2034-04-01	8	1.88E-01	1.58E-03	4.45E+01	2.21E-02	1.99E-03	1.55E-01	2.11E-01	1.96E-02	4.99E-04	3.27E-04	4.97E-04	6.07E-02	4.39E-02	2.32E-02	2.45E-06	3.94E-03	1.69E-03	7.21E-04	3.30E-04	1.13E-02	3.13E-02
2034-05-01	8	1.88E-01	1.58E-03	4.48E+01	2.22E-02	2.02E-03	1.55E-01	2.11E-01	1.97E-02	5.05E-04	3.26E-04	5.05E-04	6.05E-02	4.46E-02	2.32E-02	2.44E-06	3.99E-03	1.70E-03	7.30E-04	3.31E-04	1.15E-02	3.12E-02
2034-06-01	8	1.88E-01	1.58E-03	4.48E+01	2.22E-02	2.02E-03	1.55E-01	2.12E-01	1.97E-02	5.06E-04	3.26E-04	5.06E-04	6.05E-02	4.46E-02	2.32E-02	2.44E-06	4.00E-03	1.70E-03	7.30E-04	3.31E-04	1.15E-02	3.12E-02
2034-07-01	8	1.88E-01	1.59E-03	4.50E+01	2.22E-02	2.03E-03	1.55E-01	2.12E-01	1.98E-02	5.07E-04	3.27E-04	5.07E-04	6.07E-02	4.47E-02	2.32E-02	2.44E-06	4.01E-03	1.70E-03	7.33E-04	3.32E-04	1.15E-02	3.13E-02
2034-08-01	8	1.89E-01	1.59E-03	4.51E+01	2.22E-02	2.04E-03	1.55E-01	2.12E-01	1.98E-02	5.08E-04	3.28E-04	5.09E-04	6.08E-02	4.49E-02	2.32E-02	2.45E-06	4.02E-03	1.70E-03	7.35E-04	3.33E-04	1.16E-02	3.13E-02
2034-09-01	8	1.89E-01	1.60E-03	4.52E+01	2.23E-02	2.04E-03	1.56E-01	2.														

Pond_3 15ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2038-10-01	12	2.03E-01	1.77E-03	5.26E+01	2.41E-02	2.70E-03	1.55E-01	2.27E-01	2.21E-02	6.63E-04	3.26E-04	6.81E-04	6.07E-02	5.98E-02	2.33E-02	2.44E-06	5.26E-03	1.82E-03	9.35E-04	3.66E-04	1.50E-02	3.12E-02
2038-11-01	12	2.02E-01	1.76E-03	5.25E+01	2.41E-02	2.69E-03	1.55E-01	2.26E-01	2.21E-02	6.61E-04	3.25E-04	6.79E-04	6.05E-02	5.96E-02	2.33E-02	2.44E-06	5.24E-03	1.82E-03	9.32E-04	3.66E-04	1.49E-02	3.11E-02
2038-12-01	12	2.02E-01	1.76E-03	5.24E+01	2.41E-02	2.69E-03	1.55E-01	2.26E-01	2.20E-02	6.60E-04	3.25E-04	6.78E-04	6.04E-02	5.95E-02	2.33E-02	2.43E-06	5.23E-03	1.82E-03	9.30E-04	3.65E-04	1.49E-02	3.11E-02
2039-01-01	13	2.02E-01	1.76E-03	5.24E+01	2.41E-02	2.69E-03	1.55E-01	2.26E-01	2.20E-02	6.60E-04	3.25E-04	6.78E-04	6.05E-02	5.95E-02	2.33E-02	2.43E-06	5.23E-03	1.82E-03	9.31E-04	3.65E-04	1.49E-02	3.11E-02
2039-02-01	13	2.04E-01	1.77E-03	5.29E+01	2.42E-02	2.73E-03	1.55E-01	2.27E-01	2.22E-02	6.69E-04	3.25E-04	6.88E-04	6.05E-02	6.04E-02	2.33E-02	2.44E-06	5.31E-03	1.83E-03	9.42E-04	3.67E-04	1.51E-02	3.11E-02
2039-03-01	13	2.06E-01	1.79E-03	5.35E+01	2.44E-02	2.78E-03	1.55E-01	2.29E-01	2.24E-02	6.83E-04	3.26E-04	7.02E-04	6.06E-02	6.16E-02	2.33E-02	2.44E-06	5.42E-03	1.84E-03	9.59E-04	3.71E-04	1.54E-02	3.12E-02
2039-04-01	13	2.12E-01	1.84E-03	5.57E+01	2.49E-02	2.96E-03	1.55E-01	2.34E-01	2.30E-02	7.24E-04	3.27E-04	7.47E-04	6.09E-02	6.55E-02	2.34E-02	2.45E-06	5.77E-03	1.88E-03	1.01E-03	3.80E-04	1.64E-02	3.13E-02
2039-05-01	13	2.16E-01	1.88E-03	5.72E+01	2.54E-02	3.10E-03	1.55E-01	2.37E-01	2.35E-02	7.56E-04	3.26E-04	7.81E-04	6.07E-02	6.85E-02	2.34E-02	2.44E-06	6.03E-03	1.90E-03	1.05E-03	3.87E-04	1.71E-02	3.12E-02
2039-06-01	13	2.16E-01	1.88E-03	5.73E+01	2.54E-02	3.11E-03	1.55E-01	2.38E-01	2.35E-02	7.58E-04	3.26E-04	7.83E-04	6.07E-02	6.87E-02	2.34E-02	2.44E-06	6.04E-03	1.90E-03	1.05E-03	3.87E-04	1.71E-02	3.12E-02
2039-07-01	13	2.17E-01	1.88E-03	5.74E+01	2.54E-02	3.12E-03	1.55E-01	2.38E-01	2.36E-02	7.60E-04	3.27E-04	7.85E-04	6.09E-02	6.89E-02	2.34E-02	2.44E-06	6.06E-03	1.91E-03	1.05E-03	3.88E-04	1.72E-02	3.13E-02
2039-08-01	13	2.17E-01	1.89E-03	5.76E+01	2.55E-02	3.12E-03	1.55E-01	2.38E-01	2.36E-02	7.62E-04	3.28E-04	7.87E-04	6.10E-02	6.91E-02	2.34E-02	2.45E-06	6.08E-03	1.91E-03	1.06E-03	3.89E-04	1.72E-02	3.13E-02
2039-09-01	13	2.18E-01	1.89E-03	5.77E+01	2.55E-02	3.13E-03	1.56E-01	2.39E-01	2.36E-02	7.65E-04	3.28E-04	7.90E-04	6.12E-02	6.93E-02	2.34E-02	2.45E-06	6.10E-03	1.91E-03	1.06E-03	3.90E-04	1.72E-02	3.14E-02
2039-10-01	13	2.16E-01	1.88E-03	5.74E+01	2.54E-02	3.11E-03	1.55E-01	2.38E-01	2.36E-02	7.60E-04	3.26E-04	7.85E-04	6.08E-02	6.88E-02	2.34E-02	2.44E-06	6.06E-03	1.90E-03	1.05E-03	3.88E-04	1.71E-02	3.12E-02
2039-11-01	13	2.16E-01	1.88E-03	5.72E+01	2.54E-02	3.10E-03	1.55E-01	2.38E-01	2.35E-02	7.57E-04	3.25E-04	7.82E-04	6.06E-02	6.86E-02	2.34E-02	2.44E-06	6.04E-03	1.90E-03	1.05E-03	3.87E-04	1.71E-02	3.11E-02
2039-12-01	13	2.16E-01	1.87E-03	5.71E+01	2.54E-02	3.10E-03	1.55E-01	2.37E-01	2.35E-02	7.56E-04	3.25E-04	7.81E-04	6.05E-02	6.85E-02	2.34E-02	2.43E-06	6.03E-03	1.90E-03	1.05E-03	3.86E-04	1.71E-02	3.11E-02
2040-01-01	14	2.16E-01	1.87E-03	5.71E+01	2.54E-02	3.10E-03	1.55E-01	2.37E-01	2.35E-02	7.56E-04	3.25E-04	7.81E-04	6.05E-02	6.85E-02	2.34E-02	2.43E-06	6.03E-03	1.90E-03	1.05E-03	3.87E-04	1.71E-02	3.11E-02
2040-02-01	14	2.17E-01	1.88E-03	5.75E+01	2.55E-02	3.13E-03	1.55E-01	2.38E-01	2.36E-02	7.63E-04	3.25E-04	7.88E-04	6.06E-02	6.92E-02	2.34E-02	2.44E-06	6.09E-03	1.91E-03	1.06E-03	3.88E-04	1.72E-02	3.11E-02
2040-03-01	14	2.18E-01	1.90E-03	5.81E+01	2.56E-02	3.17E-03	1.55E-01	2.39E-01	2.38E-02	7.74E-04	3.26E-04	8.00E-04	6.07E-02	7.01E-02	2.34E-02	2.44E-06	6.18E-03	1.92E-03	1.07E-03	3.91E-04	1.75E-02	3.12E-02
2040-04-01	14	2.23E-01	1.94E-03	5.98E+01	2.60E-02	3.31E-03	1.55E-01	2.43E-01	2.43E-02	8.07E-04	3.27E-04	8.34E-04	6.10E-02	7.32E-02	2.34E-02	2.45E-06	6.46E-03	1.94E-03	1.11E-03	3.99E-04	1.82E-02	3.13E-02
2040-05-01	14	2.26E-01	1.96E-03	6.08E+01	2.63E-02	3.41E-03	1.55E-01	2.46E-01	2.46E-02	8.31E-04	3.26E-04	8.59E-04	6.07E-02	7.53E-02	2.35E-02	2.44E-06	6.65E-03	1.96E-03	1.14E-03	4.03E-04	1.87E-02	3.12E-02
2040-06-01	14	2.27E-01	1.96E-03	6.09E+01	2.63E-02	3.42E-03	1.55E-01	2.46E-01	2.46E-02	8.32E-04	3.26E-04	8.60E-04	6.08E-02	7.54E-02	2.35E-02	2.44E-06	6.66E-03	1.96E-03	1.14E-03	4.04E-04	1.87E-02	3.12E-02
2040-07-01	14	2.27E-01	1.97E-03	6.11E+01	2.63E-02	3.43E-03	1.55E-01	2.46E-01	2.47E-02	8.35E-04	3.27E-04	8.63E-04	6.09E-02	7.57E-02	2.35E-02	2.44E-06	6.68E-03	1.96E-03	1.15E-03	4.05E-04	1.88E-02	3.13E-02
2040-08-01	14	2.28E-01	1.97E-03	6.12E+01	2.64E-02	3.44E-03	1.55E-01	2.47E-01	2.47E-02	8.37E-04	3.28E-04	8.66E-04	6.11E-02	7.59E-02	2.35E-02	2.45E-06	6.70E-03	1.97E-03	1.15E-03	4.05E-04	1.88E-02	3.13E-02
2040-09-01	14	2.28E-01	1.98E-03	6.14E+01	2.64E-02	3.45E-03	1.56E-01	2.47E-01	2.47E-02	8.39E-04	3.28E-04	8.68E-04	6.13E-02	7.61E-02	2.35E-02	2.45E-06	6.72E-03	1.97E-03	1.16E-03	4.06E-04	1.89E-02	3.14E-02
2040-10-01	14	2.27E-01	1.97E-03	6.10E+01	2.63E-02	3.43E-03	1.55E-01	2.46E-01	2.47E-02	8.34E-04	3.26E-04	8.62E-04	6.09E-02	7.56E-02	2.35E-02	2.44E-06	6.68E-03	1.96E-03	1.15E-03	4.04E-04	1.88E-02	3.12E-02
2040-11-01	14	2.26E-01	1.96E-03	6.08E+01	2.63																	

Pond_3 15ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorus mg/L
2044-12-01	18	2.51E-01	2.08E-03	6.58E+01	2.77E-02	3.84E-03	1.55E-01	2.63E-01	2.60E-02	9.34E-04	3.25E-04	9.55E-04	6.07E-02	8.39E-02	2.35E-02	2.43E-06	7.57E-03	2.07E-03	1.27E-03	4.26E-04	2.10E-02	3.11E-02
2045-01-01	19	2.51E-01	2.08E-03	6.58E+01	2.78E-02	3.84E-03	1.55E-01	2.63E-01	2.61E-02	9.34E-04	3.25E-04	9.55E-04	6.07E-02	8.39E-02	2.35E-02	2.43E-06	7.57E-03	2.07E-03	1.27E-03	4.26E-04	2.10E-02	3.11E-02
2045-02-01	19	2.51E-01	2.08E-03	6.59E+01	2.78E-02	3.85E-03	1.55E-01	2.63E-01	2.61E-02	9.35E-04	3.25E-04	9.55E-04	6.08E-02	8.40E-02	2.35E-02	2.44E-06	7.58E-03	2.08E-03	1.27E-03	4.26E-04	2.10E-02	3.11E-02
2045-03-01	19	2.52E-01	2.09E-03	6.60E+01	2.78E-02	3.85E-03	1.55E-01	2.64E-01	2.61E-02	9.37E-04	3.26E-04	9.57E-04	6.09E-02	8.41E-02	2.35E-02	2.44E-06	7.60E-03	2.08E-03	1.27E-03	4.27E-04	2.11E-02	3.12E-02
2045-04-01	19	2.54E-01	2.09E-03	6.62E+01	2.79E-02	3.87E-03	1.55E-01	2.66E-01	2.61E-02	9.40E-04	3.27E-04	9.58E-04	6.11E-02	8.43E-02	2.35E-02	2.45E-06	7.64E-03	2.09E-03	1.27E-03	4.28E-04	2.11E-02	3.13E-02
2045-05-01	19	2.55E-01	2.09E-03	6.60E+01	2.78E-02	3.85E-03	1.55E-01	2.66E-01	2.61E-02	9.37E-04	3.26E-04	9.53E-04	6.08E-02	8.38E-02	2.35E-02	2.44E-06	7.61E-03	2.09E-03	1.27E-03	4.27E-04	2.11E-02	3.12E-02
2045-06-01	19	2.55E-01	2.09E-03	6.60E+01	2.78E-02	3.85E-03	1.55E-01	2.66E-01	2.61E-02	9.37E-04	3.26E-04	9.53E-04	6.09E-02	8.38E-02	2.35E-02	2.44E-06	7.61E-03	2.09E-03	1.27E-03	4.27E-04	2.11E-02	3.12E-02
2045-07-01	19	2.55E-01	2.09E-03	6.62E+01	2.79E-02	3.86E-03	1.55E-01	2.66E-01	2.61E-02	9.40E-04	3.27E-04	9.56E-04	6.11E-02	8.41E-02	2.35E-02	2.44E-06	7.64E-03	2.09E-03	1.27E-03	4.28E-04	2.11E-02	3.13E-02
2045-08-01	19	2.56E-01	2.10E-03	6.63E+01	2.79E-02	3.87E-03	1.55E-01	2.67E-01	2.61E-02	9.42E-04	3.28E-04	9.58E-04	6.12E-02	8.43E-02	2.35E-02	2.45E-06	7.66E-03	2.09E-03	1.27E-03	4.29E-04	2.12E-02	3.13E-02
2045-09-01	19	2.56E-01	2.10E-03	6.65E+01	2.80E-02	3.88E-03	1.56E-01	2.67E-01	2.62E-02	9.45E-04	3.28E-04	9.61E-04	6.14E-02	8.46E-02	2.35E-02	2.45E-06	7.68E-03	2.09E-03	1.28E-03	4.30E-04	2.12E-02	3.14E-02
2045-10-01	19	2.55E-01	2.09E-03	6.61E+01	2.79E-02	3.86E-03	1.55E-01	2.66E-01	2.61E-02	9.39E-04	3.26E-04	9.55E-04	6.10E-02	8.40E-02	2.35E-02	2.44E-06	7.63E-03	2.09E-03	1.27E-03	4.28E-04	2.11E-02	3.12E-02
2045-11-01	19	2.54E-01	2.08E-03	6.59E+01	2.78E-02	3.84E-03	1.55E-01	2.66E-01	2.60E-02	9.36E-04	3.25E-04	9.52E-04	6.08E-02	8.37E-02	2.35E-02	2.44E-06	7.60E-03	2.09E-03	1.27E-03	4.26E-04	2.10E-02	3.11E-02
2045-12-01	19	2.54E-01	2.08E-03	6.58E+01	2.78E-02	3.84E-03	1.55E-01	2.65E-01	2.60E-02	9.34E-04	3.25E-04	9.50E-04	6.07E-02	8.36E-02	2.35E-02	2.43E-06	7.59E-03	2.09E-03	1.26E-03	4.26E-04	2.10E-02	3.11E-02
2046-01-01	20	2.54E-01	2.08E-03	6.58E+01	2.78E-02	3.84E-03	1.55E-01	2.65E-01	2.60E-02	9.34E-04	3.25E-04	9.50E-04	6.07E-02	8.36E-02	2.35E-02	2.43E-06	7.59E-03	2.09E-03	1.26E-03	4.26E-04	2.10E-02	3.11E-02
2046-02-01	20	2.55E-01	2.08E-03	6.59E+01	2.78E-02	3.84E-03	1.55E-01	2.66E-01	2.60E-02	9.36E-04	3.25E-04	9.51E-04	6.08E-02	8.37E-02	2.35E-02	2.44E-06	7.61E-03	2.09E-03	1.27E-03	4.26E-04	2.10E-02	3.11E-02
2046-03-01	20	2.55E-01	2.09E-03	6.60E+01	2.79E-02	3.85E-03	1.55E-01	2.66E-01	2.61E-02	9.38E-04	3.26E-04	9.53E-04	6.09E-02	8.39E-02	2.35E-02	2.44E-06	7.63E-03	2.09E-03	1.27E-03	4.27E-04	2.11E-02	3.12E-02
2046-04-01	20	2.58E-01	2.10E-03	6.63E+01	2.80E-02	3.87E-03	1.55E-01	2.68E-01	2.61E-02	9.43E-04	3.27E-04	9.57E-04	6.11E-02	8.42E-02	2.35E-02	2.45E-06	7.67E-03	2.10E-03	1.27E-03	4.29E-04	2.12E-02	3.13E-02
2046-05-01	20	2.58E-01	2.09E-03	6.61E+01	2.79E-02	3.86E-03	1.55E-01	2.68E-01	2.61E-02	9.41E-04	3.26E-04	9.53E-04	6.09E-02	8.39E-02	2.35E-02	2.44E-06	7.66E-03	2.10E-03	1.27E-03	4.28E-04	2.11E-02	3.12E-02
2046-06-01	20	2.58E-01	2.09E-03	6.62E+01	2.80E-02	3.86E-03	1.55E-01	2.68E-01	2.61E-02	9.41E-04	3.26E-04	9.53E-04	6.09E-02	8.39E-02	2.35E-02	2.44E-06	7.66E-03	2.10E-03	1.27E-03	4.28E-04	2.12E-02	3.12E-02
2046-07-01	20	2.59E-01	2.10E-03	6.64E+01	2.80E-02	3.88E-03	1.55E-01	2.69E-01	2.61E-02	9.44E-04	3.27E-04	9.56E-04	6.11E-02	8.42E-02	2.35E-02	2.44E-06	7.69E-03	2.10E-03	1.27E-03	4.29E-04	2.12E-02	3.13E-02
2046-08-01	20	2.59E-01	2.10E-03	6.65E+01	2.80E-02	3.89E-03	1.55E-01	2.69E-01	2.62E-02	9.46E-04	3.28E-04	9.59E-04	6.12E-02	8.44E-02	2.35E-02	2.45E-06	7.71E-03	2.10E-03	1.28E-03	4.30E-04	2.13E-02	3.13E-02
2046-09-01	20	2.60E-01	2.11E-03	6.67E+01	2.81E-02	3.90E-03	1.56E-01	2.70E-01	2.62E-02	9.49E-04	3.28E-04	9.62E-04	6.14E-02	8.47E-02	2.36E-02	2.45E-06	7.73E-03	2.11E-03	1.28E-03	4.31E-04	2.13E-02	3.14E-02
2046-10-01	20	2.59E-01	2.10E-03	6.63E+01	2.80E-02	3.87E-03	1.55E-01	2.69E-01	2.61E-02	9.43E-04	3.26E-04	9.55E-04	6.10E-02	8.41E-02	2.35E-02	2.44E-06	7.68E-03	2.10E-03	1.27E-03	4.29E-04	2.12E-02	3.12E-02
2046-11-01	20	2.58E-01	2.09E-03	6.61E+01	2.79E-02	3.86E-03	1.55E-01	2.68E-01	2.61E-02	9.40E-04	3.25E-04	9.52E-04	6.08E-02	8.38E-02	2.35E-02	2.44E-06	7.65E-03	2.10E-03	1.27E-03	4.27E-04	2.11E-02	3.11E-02
2046-12-01	20	2.58E-01	2.09E-03	6.60E+01	2.79E-02	3.85E-03	1.55E-01	2.68E-01	2.61E-02	9.38E-04	3.25E-04	9.50E-04	6.07E-02	8.37E-02	2.35E-02	2.43E-06	7.64E-03	2.10E-03	1.27E-03	4.27E-04	2.11E-02	3.11E-02
2047-01-01	21	2.58E-01	2.09E-03	6.60E+01	2.7.																	

Pond_3 15ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese	Molybdenum	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous
2051-02-01	25	2.48E-01	2.01E-03	6.26E+01	2.70E-02	3.55E-03	1.55E-01	2.60E-01	2.50E-02	8.68E-04	3.25E-04	8.77E-04	6.07E-02	7.72E-02	2.35E-02	2.44E-06	7.06E-03	2.04E-03	1.18E-03	4.11E-04	1.95E-02	3.11E-02
2051-03-01	25	2.48E-01	2.01E-03	6.26E+01	2.70E-02	3.55E-03	1.55E-01	2.60E-01	2.50E-02	8.68E-04	3.26E-04	8.76E-04	6.08E-02	7.72E-02	2.35E-02	2.44E-06	7.05E-03	2.04E-03	1.18E-03	4.12E-04	1.95E-02	3.12E-02
2051-04-01	25	2.48E-01	2.01E-03	6.24E+01	2.70E-02	3.54E-03	1.55E-01	2.60E-01	2.50E-02	8.64E-04	3.27E-04	8.71E-04	6.10E-02	7.68E-02	2.35E-02	2.45E-06	7.02E-03	2.04E-03	1.17E-03	4.11E-04	1.94E-02	3.13E-02
2051-05-01	25	2.47E-01	1.99E-03	6.19E+01	2.69E-02	3.49E-03	1.55E-01	2.58E-01	2.48E-02	8.54E-04	3.26E-04	8.61E-04	6.08E-02	7.59E-02	2.35E-02	2.44E-06	6.94E-03	2.03E-03	1.16E-03	4.09E-04	1.92E-02	3.12E-02
2051-06-01	25	2.47E-01	1.99E-03	6.19E+01	2.69E-02	3.49E-03	1.55E-01	2.58E-01	2.48E-02	8.54E-04	3.26E-04	8.61E-04	6.08E-02	7.59E-02	2.35E-02	2.44E-06	6.94E-03	2.03E-03	1.16E-03	4.09E-04	1.92E-02	3.12E-02
2051-07-01	25	2.47E-01	2.00E-03	6.21E+01	2.69E-02	3.50E-03	1.55E-01	2.59E-01	2.49E-02	8.57E-04	3.27E-04	8.63E-04	6.10E-02	7.61E-02	2.35E-02	2.44E-06	6.97E-03	2.03E-03	1.16E-03	4.10E-04	1.93E-02	3.13E-02
2051-08-01	25	2.48E-01	2.00E-03	6.22E+01	2.69E-02	3.51E-03	1.55E-01	2.59E-01	2.49E-02	8.59E-04	3.28E-04	8.66E-04	6.11E-02	7.63E-02	2.35E-02	2.45E-06	6.98E-03	2.03E-03	1.17E-03	4.10E-04	1.93E-02	3.13E-02
2051-09-01	25	2.48E-01	2.01E-03	6.24E+01	2.70E-02	3.52E-03	1.56E-01	2.60E-01	2.49E-02	8.62E-04	3.28E-04	8.68E-04	6.13E-02	7.65E-02	2.35E-02	2.45E-06	7.00E-03	2.04E-03	1.17E-03	4.11E-04	1.94E-02	3.14E-02
2051-10-01	25	2.47E-01	2.00E-03	6.20E+01	2.69E-02	3.50E-03	1.55E-01	2.59E-01	2.48E-02	8.56E-04	3.26E-04	8.63E-04	6.09E-02	7.60E-02	2.35E-02	2.44E-06	6.96E-03	2.03E-03	1.16E-03	4.09E-04	1.93E-02	3.12E-02
2051-11-01	25	2.46E-01	1.99E-03	6.18E+01	2.69E-02	3.49E-03	1.55E-01	2.58E-01	2.48E-02	8.53E-04	3.25E-04	8.60E-04	6.07E-02	7.58E-02	2.35E-02	2.44E-06	6.93E-03	2.03E-03	1.16E-03	4.08E-04	1.92E-02	3.11E-02
2051-12-01	25	2.46E-01	1.99E-03	6.17E+01	2.68E-02	3.48E-03	1.55E-01	2.58E-01	2.48E-02	8.52E-04	3.25E-04	8.58E-04	6.06E-02	7.56E-02	2.35E-02	2.43E-06	6.92E-03	2.03E-03	1.16E-03	4.08E-04	1.92E-02	3.11E-02
2052-01-01	26	2.46E-01	1.99E-03	6.17E+01	2.68E-02	3.48E-03	1.55E-01	2.58E-01	2.48E-02	8.52E-04	3.25E-04	8.59E-04	6.06E-02	7.57E-02	2.35E-02	2.43E-06	6.92E-03	2.03E-03	1.16E-03	4.08E-04	1.92E-02	3.11E-02
2052-02-01	26	2.46E-01	1.99E-03	6.18E+01	2.69E-02	3.49E-03	1.55E-01	2.58E-01	2.48E-02	8.53E-04	3.25E-04	8.59E-04	6.07E-02	7.58E-02	2.35E-02	2.44E-06	6.93E-03	2.03E-03	1.16E-03	4.08E-04	1.92E-02	3.11E-02
2052-03-01	26	2.47E-01	1.99E-03	6.19E+01	2.69E-02	3.50E-03	1.55E-01	2.59E-01	2.48E-02	8.55E-04	3.26E-04	8.61E-04	6.08E-02	7.59E-02	2.35E-02	2.44E-06	6.95E-03	2.03E-03	1.16E-03	4.09E-04	1.92E-02	3.12E-02
2052-04-01	26	2.48E-01	2.00E-03	6.22E+01	2.69E-02	3.51E-03	1.55E-01	2.60E-01	2.49E-02	8.59E-04	3.27E-04	8.65E-04	6.10E-02	7.62E-02	2.35E-02	2.45E-06	6.98E-03	2.04E-03	1.17E-03	4.10E-04	1.93E-02	3.13E-02
2052-05-01	26	2.48E-01	1.99E-03	6.20E+01	2.69E-02	3.50E-03	1.55E-01	2.59E-01	2.48E-02	8.56E-04	3.26E-04	8.62E-04	6.08E-02	7.60E-02	2.35E-02	2.44E-06	6.96E-03	2.04E-03	1.16E-03	4.09E-04	1.93E-02	3.12E-02
2052-06-01	26	2.48E-01	1.99E-03	6.20E+01	2.69E-02	3.50E-03	1.55E-01	2.59E-01	2.48E-02	8.56E-04	3.26E-04	8.62E-04	6.08E-02	7.60E-02	2.35E-02	2.44E-06	6.96E-03	2.04E-03	1.16E-03	4.09E-04	1.93E-02	3.12E-02
2052-07-01	26	2.48E-01	2.00E-03	6.22E+01	2.70E-02	3.51E-03	1.55E-01	2.60E-01	2.49E-02	8.59E-04	3.27E-04	8.65E-04	6.10E-02	7.62E-02	2.35E-02	2.44E-06	6.98E-03	2.04E-03	1.17E-03	4.10E-04	1.93E-02	3.13E-02
2052-08-01	26	2.49E-01	2.00E-03	6.23E+01	2.70E-02	3.52E-03	1.55E-01	2.60E-01	2.49E-02	8.61E-04	3.28E-04	8.67E-04	6.12E-02	7.64E-02	2.35E-02	2.45E-06	7.00E-03	2.04E-03	1.17E-03	4.11E-04	1.94E-02	3.13E-02
2052-09-01	26	2.49E-01	2.01E-03	6.25E+01	2.70E-02	3.53E-03	1.56E-01	2.61E-01	2.49E-02	8.63E-04	3.28E-04	8.69E-04	6.13E-02	7.67E-02	2.35E-02	2.45E-06	7.02E-03	2.04E-03	1.17E-03	4.12E-04	1.94E-02	3.14E-02
2052-10-01	26	2.48E-01	2.00E-03	6.21E+01	2.69E-02	3.51E-03	1.55E-01	2.60E-01	2.49E-02	8.58E-04	3.26E-04	8.64E-04	6.09E-02	7.62E-02	2.35E-02	2.44E-06	6.97E-03	2.04E-03	1.16E-03	4.10E-04	1.93E-02	3.12E-02
2052-11-01	26	2.47E-01	1.99E-03	6.19E+01	2.69E-02	3.50E-03	1.55E-01	2.59E-01	2.48E-02	8.55E-04	3.25E-04	8.61E-04	6.07E-02	7.59E-02	2.35E-02	2.44E-06	6.95E-03	2.04E-03	1.16E-03	4.09E-04	1.92E-02	3.11E-02
2052-12-01	26	2.47E-01	1.99E-03	6.18E+01	2.69E-02	3.49E-03	1.55E-01	2.59E-01	2.48E-02	8.53E-04	3.25E-04	8.59E-04	6.06E-02	7.58E-02	2.35E-02	2.43E-06	6.94E-03	2.03E-03	1.16E-03	4.08E-04	1.92E-02	3.11E-02
2053-01-01	27	2.47E-01	1.99E-03	6.18E+01	2.69E-02	3.49E-03	1.55E-01	2.59E-01	2.48E-02	8.54E-04	3.25E-04	8.60E-04	6.06E-02	7.58E-02	2.35E-02	2.43E-06	6.94E-03	2.03E-03	1.16E-03	4.08E-04	1.92E-02	3.11E-02
2053-02-01	27	2.48E-01	1.99E-03	6.20E+01	2.69E-02	3.51E-03	1.55E-01	2.60E-01	2.49E-02	8.58E-04	3.25E-04	8.64E-04	6.07E-02	7.61E-02	2.35E-02	2.44E-06	6.97E-03	2.04E-03	1.16E-03	4.09E-04	1.93E-02	3.11E-02
2053-03-01	27	2.49E-01	2.00E-03	6.23E+01	2.70E-02	3.5																

Pond_3 15ppmTSS																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorus
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2057-04-01	31	2.55E-01	2.07E-03	6.51E+01	2.77E-02	3.77E-03	1.55E-01	2.66E-01	2.58E-02	9.19E-04	3.27E-04	9.30E-04	6.11E-02	8.19E-02	2.35E-02	2.45E-06	7.47E-03	2.09E-03	1.24E-03	4.23E-04	2.07E-02	3.13E-02
2057-05-01	31	2.53E-01	2.05E-03	6.45E+01	2.76E-02	3.72E-03	1.55E-01	2.64E-01	2.56E-02	9.07E-04	3.26E-04	9.17E-04	6.08E-02	8.08E-02	2.35E-02	2.44E-06	7.36E-03	2.08E-03	1.23E-03	4.20E-04	2.04E-02	3.12E-02
2057-06-01	31	2.53E-01	2.05E-03	6.45E+01	2.76E-02	3.71E-03	1.55E-01	2.64E-01	2.56E-02	9.06E-04	3.26E-04	9.17E-04	6.08E-02	8.08E-02	2.35E-02	2.44E-06	7.36E-03	2.08E-03	1.23E-03	4.20E-04	2.04E-02	3.12E-02
2057-07-01	31	2.53E-01	2.06E-03	6.47E+01	2.76E-02	3.73E-03	1.55E-01	2.65E-01	2.56E-02	9.09E-04	3.27E-04	9.20E-04	6.10E-02	8.10E-02	2.35E-02	2.44E-06	7.39E-03	2.08E-03	1.23E-03	4.21E-04	2.04E-02	3.13E-02
2057-08-01	31	2.54E-01	2.06E-03	6.48E+01	2.76E-02	3.74E-03	1.55E-01	2.65E-01	2.57E-02	9.11E-04	3.28E-04	9.22E-04	6.12E-02	8.12E-02	2.35E-02	2.45E-06	7.40E-03	2.09E-03	1.23E-03	4.22E-04	2.05E-02	3.13E-02
2057-09-01	31	2.55E-01	2.07E-03	6.50E+01	2.77E-02	3.75E-03	1.56E-01	2.66E-01	2.57E-02	9.14E-04	3.28E-04	9.25E-04	6.14E-02	8.15E-02	2.35E-02	2.45E-06	7.43E-03	2.09E-03	1.24E-03	4.23E-04	2.06E-02	3.14E-02
2057-10-01	31	2.53E-01	2.06E-03	6.46E+01	2.76E-02	3.72E-03	1.55E-01	2.64E-01	2.56E-02	9.08E-04	3.26E-04	9.19E-04	6.10E-02	8.09E-02	2.35E-02	2.44E-06	7.38E-03	2.08E-03	1.23E-03	4.21E-04	2.04E-02	3.12E-02
2057-11-01	31	2.53E-01	2.05E-03	6.44E+01	2.75E-02	3.71E-03	1.55E-01	2.64E-01	2.56E-02	9.05E-04	3.25E-04	9.16E-04	6.08E-02	8.07E-02	2.35E-02	2.44E-06	7.35E-03	2.08E-03	1.22E-03	4.20E-04	2.04E-02	3.11E-02
2057-12-01	31	2.52E-01	2.05E-03	6.43E+01	2.75E-02	3.70E-03	1.55E-01	2.64E-01	2.55E-02	9.04E-04	3.25E-04	9.14E-04	6.07E-02	8.05E-02	2.35E-02	2.43E-06	7.34E-03	2.08E-03	1.22E-03	4.19E-04	2.03E-02	3.11E-02
2058-01-01	32	2.52E-01	2.05E-03	6.43E+01	2.75E-02	3.71E-03	1.55E-01	2.64E-01	2.55E-02	9.04E-04	3.25E-04	9.15E-04	6.07E-02	8.06E-02	2.35E-02	2.43E-06	7.34E-03	2.08E-03	1.22E-03	4.19E-04	2.03E-02	3.11E-02
2058-02-01	32	2.51E-01	2.04E-03	6.40E+01	2.75E-02	3.68E-03	1.55E-01	2.63E-01	2.55E-02	8.98E-04	3.25E-04	9.08E-04	6.07E-02	8.00E-02	2.35E-02	2.44E-06	7.29E-03	2.07E-03	1.21E-03	4.18E-04	2.02E-02	3.11E-02
2058-03-01	32	2.50E-01	2.03E-03	6.36E+01	2.73E-02	3.64E-03	1.55E-01	2.62E-01	2.53E-02	8.90E-04	3.26E-04	9.00E-04	6.08E-02	7.92E-02	2.35E-02	2.44E-06	7.22E-03	2.06E-03	1.20E-03	4.16E-04	2.00E-02	3.12E-02
2058-04-01	32	2.46E-01	2.00E-03	6.23E+01	2.70E-02	3.52E-03	1.55E-01	2.59E-01	2.49E-02	8.61E-04	3.27E-04	8.70E-04	6.10E-02	7.67E-02	2.35E-02	2.45E-06	6.98E-03	2.04E-03	1.17E-03	4.11E-04	1.94E-02	3.13E-02
2058-05-01	32	2.41E-01	1.96E-03	6.06E+01	2.65E-02	3.39E-03	1.55E-01	2.54E-01	2.44E-02	8.29E-04	3.26E-04	8.37E-04	6.08E-02	7.37E-02	2.35E-02	2.44E-06	6.71E-03	2.01E-03	1.13E-03	4.03E-04	1.87E-02	3.12E-02
2058-06-01	32	2.40E-01	1.96E-03	6.06E+01	2.65E-02	3.38E-03	1.55E-01	2.54E-01	2.44E-02	8.32E-04	3.26E-04	8.35E-04	6.08E-02	7.36E-02	2.35E-02	2.44E-06	6.70E-03	2.01E-03	1.13E-03	4.03E-04	1.86E-02	3.12E-02
2058-07-01	32	2.41E-01	1.97E-03	6.08E+01	2.66E-02	3.39E-03	1.55E-01	2.55E-01	2.45E-02	8.30E-04	3.27E-04	8.38E-04	6.10E-02	7.38E-02	2.35E-02	2.44E-06	6.72E-03	2.01E-03	1.13E-03	4.04E-04	1.87E-02	3.13E-02
2058-08-01	32	2.42E-01	1.97E-03	6.09E+01	2.66E-02	3.40E-03	1.55E-01	2.55E-01	2.45E-02	8.32E-04	3.28E-04	8.40E-04	6.11E-02	7.40E-02	2.35E-02	2.45E-06	6.74E-03	2.01E-03	1.13E-03	4.04E-04	1.87E-02	3.13E-02
2058-09-01	32	2.42E-01	1.98E-03	6.11E+01	2.66E-02	3.41E-03	1.56E-01	2.55E-01	2.45E-02	8.34E-04	3.28E-04	8.43E-04	6.13E-02	7.42E-02	2.35E-02	2.45E-06	6.76E-03	2.01E-03	1.14E-03	4.05E-04	1.88E-02	3.14E-02
2058-10-01	32	2.41E-01	1.96E-03	6.07E+01	2.66E-02	3.39E-03	1.55E-01	2.54E-01	2.45E-02	8.29E-04	3.26E-04	8.37E-04	6.09E-02	7.38E-02	2.35E-02	2.44E-06	6.71E-03	2.01E-03	1.13E-03	4.03E-04	1.87E-02	3.12E-02
2058-11-01	32	2.40E-01	1.96E-03	6.05E+01	2.65E-02	3.38E-03	1.55E-01	2.54E-01	2.44E-02	8.26E-04	3.25E-04	8.34E-04	6.07E-02	7.35E-02	2.35E-02	2.44E-06	6.69E-03	2.01E-03	1.13E-03	4.02E-04	1.86E-02	3.11E-02
2058-12-01	32	2.40E-01	1.95E-03	6.04E+01	2.65E-02	3.37E-03	1.55E-01	2.54E-01	2.44E-02	8.25E-04	3.25E-04	8.33E-04	6.06E-02	7.34E-02	2.35E-02	2.43E-06	6.68E-03	2.01E-03	1.12E-03	4.02E-04	1.86E-02	3.11E-02
2059-01-01	33	2.40E-01	1.95E-03	6.04E+01	2.65E-02	3.37E-03	1.55E-01	2.54E-01	2.44E-02	8.25E-04	3.25E-04	8.33E-04	6.06E-02	7.34E-02	2.35E-02	2.43E-06	6.68E-03	2.01E-03	1.12E-03	4.02E-04	1.86E-02	3.11E-02
2059-02-01	33	2.39E-01	1.95E-03	6.01E+01	2.64E-02	3.35E-03	1.55E-01	2.53E-01	2.43E-02	8.19E-04	3.25E-04	8.27E-04	6.07E-02	7.28E-02	2.34E-02	2.44E-06	6.63E-03	2.00E-03	1.12E-03	4.01E-04	1.84E-02	3.11E-02
2059-03-01	33	2.38E-01	1.94E-03	5.97E+01	2.63E-02	3.31E-03	1.55E-01	2.52E-01	2.42E-02	8.10E-04	3.26E-04	8.18E-04	6.08E-02	7.21E-02	2.34E-02	2.44E-06	6.56E-03	1.99E-03	1.11E-03	3.99E-04	1.83E-02	3.12E-02
2059-04-01	33	2.34E-01	1.91E-03	5.84E+01	2.59E-02	3.19E-03	1.55E-01	2.49E-01	2.38E-02	7.82E-04	3.27E-04	7.88E-04	6.10E-02	6.95E-02	2.34E-02	2.45E-06	6.31E-03	1.97E-03	1.07E-03	3.93E-04	1.76E-02	3.13E-1

Pond_3 15ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorus mg/L
2063-06-01	37	1.79E-01	1.50E-03	4.11E+01	2.13E-02	1.71E-03	1.55E-01	2.04E-01	1.86E-02	4.31E-04	3.26E-04	4.26E-04	6.04E-02	3.77E-02	2.31E-02	2.44E-06	3.37E-03	1.64E-03	6.35E-04	3.15E-04	9.82E-03	3.12E-02
2063-07-01	37	1.79E-01	1.50E-03	4.13E+01	2.13E-02	1.71E-03	1.55E-01	2.05E-01	1.86E-02	4.32E-04	3.27E-04	4.28E-04	6.06E-02	3.78E-02	2.31E-02	2.44E-06	3.38E-03	1.64E-03	6.37E-04	3.15E-04	9.85E-03	3.13E-02
2063-08-01	37	1.79E-01	1.50E-03	4.14E+01	2.13E-02	1.72E-03	1.55E-01	2.05E-01	1.87E-02	4.33E-04	3.28E-04	4.29E-04	6.08E-02	3.79E-02	2.31E-02	2.45E-06	3.39E-03	1.65E-03	6.39E-04	3.16E-04	9.87E-03	3.13E-02
2063-09-01	37	1.80E-01	1.51E-03	4.15E+01	2.14E-02	1.72E-03	1.56E-01	2.05E-01	1.87E-02	4.35E-04	3.28E-04	4.30E-04	6.10E-02	3.80E-02	2.31E-02	2.45E-06	3.40E-03	1.65E-03	6.41E-04	3.17E-04	9.90E-03	3.14E-02
2063-10-01	37	1.79E-01	1.50E-03	4.12E+01	2.13E-02	1.71E-03	1.55E-01	2.05E-01	1.86E-02	4.32E-04	3.26E-04	4.27E-04	6.06E-02	3.78E-02	2.31E-02	2.44E-06	3.38E-03	1.64E-03	6.37E-04	3.15E-04	9.84E-03	3.12E-02
2063-11-01	37	1.78E-01	1.49E-03	4.11E+01	2.13E-02	1.71E-03	1.55E-01	2.04E-01	1.86E-02	4.31E-04	3.25E-04	4.26E-04	6.04E-02	3.77E-02	2.31E-02	2.44E-06	3.37E-03	1.64E-03	6.34E-04	3.14E-04	9.81E-03	3.11E-02
2063-12-01	37	1.78E-01	1.49E-03	4.10E+01	2.13E-02	1.70E-03	1.55E-01	2.04E-01	1.86E-02	4.30E-04	3.25E-04	4.25E-04	6.03E-02	3.76E-02	2.31E-02	2.43E-06	3.36E-03	1.64E-03	6.33E-04	3.14E-04	9.80E-03	3.11E-02
2064-01-01	38	1.78E-01	1.49E-03	4.10E+01	2.13E-02	1.70E-03	1.55E-01	2.04E-01	1.86E-02	4.30E-04	3.25E-04	4.25E-04	6.03E-02	3.76E-02	2.31E-02	2.43E-06	3.36E-03	1.64E-03	6.34E-04	3.14E-04	9.80E-03	3.11E-02
2064-02-01	38	1.77E-01	1.49E-03	4.07E+01	2.12E-02	1.68E-03	1.55E-01	2.03E-01	1.85E-02	4.23E-04	3.25E-04	4.18E-04	6.03E-02	3.70E-02	2.31E-02	2.44E-06	3.31E-03	1.64E-03	6.26E-04	3.13E-04	9.65E-03	3.11E-02
2064-03-01	38	1.76E-01	1.48E-03	4.03E+01	2.11E-02	1.64E-03	1.55E-01	2.02E-01	1.84E-02	4.14E-04	3.26E-04	4.09E-04	6.04E-02	3.62E-02	2.31E-02	2.44E-06	3.23E-03	1.63E-03	6.14E-04	3.11E-04	9.45E-03	3.12E-02
2064-04-01	38	1.71E-01	1.44E-03	3.89E+01	2.07E-02	1.51E-03	1.55E-01	1.99E-01	1.79E-02	3.84E-04	3.27E-04	3.78E-04	6.06E-02	3.34E-02	2.31E-02	2.45E-06	2.98E-03	1.60E-03	5.77E-04	3.05E-04	8.78E-03	3.13E-02
2064-05-01	38	1.66E-01	1.41E-03	3.73E+01	2.03E-02	1.38E-03	1.55E-01	1.95E-01	1.75E-02	3.53E-04	3.26E-04	3.46E-04	6.04E-02	3.07E-02	2.31E-02	2.44E-06	2.72E-03	1.57E-03	5.38E-04	2.97E-04	8.10E-03	3.12E-02
2064-06-01	38	1.66E-01	1.40E-03	3.73E+01	2.03E-02	1.37E-03	1.55E-01	1.95E-01	1.75E-02	3.52E-04	3.26E-04	3.44E-04	6.04E-02	3.05E-02	2.31E-02	2.44E-06	2.71E-03	1.57E-03	5.36E-04	2.97E-04	8.07E-03	3.12E-02
2064-07-01	38	1.67E-01	1.41E-03	3.74E+01	2.03E-02	1.38E-03	1.55E-01	1.95E-01	1.75E-02	3.53E-04	3.27E-04	3.45E-04	6.06E-02	3.06E-02	2.31E-02	2.44E-06	2.72E-03	1.57E-03	5.38E-04	2.98E-04	8.09E-03	3.13E-02
2064-08-01	38	1.67E-01	1.41E-03	3.75E+01	2.03E-02	1.38E-03	1.55E-01	1.95E-01	1.75E-02	3.54E-04	3.28E-04	3.46E-04	6.07E-02	3.07E-02	2.31E-02	2.45E-06	2.72E-03	1.57E-03	5.39E-04	2.98E-04	8.11E-03	3.13E-02
2064-09-01	38	1.67E-01	1.42E-03	3.76E+01	2.03E-02	1.38E-03	1.56E-01	1.96E-01	1.75E-02	3.55E-04	3.28E-04	3.47E-04	6.09E-02	3.08E-02	2.31E-02	2.45E-06	2.73E-03	1.57E-03	5.41E-04	2.99E-04	8.13E-03	3.14E-02
2064-10-01	38	1.66E-01	1.41E-03	3.73E+01	2.03E-02	1.38E-03	1.55E-01	1.95E-01	1.75E-02	3.53E-04	3.26E-04	3.45E-04	6.05E-02	3.06E-02	2.31E-02	2.44E-06	2.71E-03	1.57E-03	5.37E-04	2.98E-04	8.08E-03	3.12E-02
2064-11-01	38	1.66E-01	1.40E-03	3.72E+01	2.03E-02	1.37E-03	1.55E-01	1.95E-01	1.75E-02	3.51E-04	3.25E-04	3.44E-04	6.03E-02	3.05E-02	2.31E-02	2.44E-06	2.70E-03	1.57E-03	5.35E-04	2.97E-04	8.06E-03	3.11E-02
2064-12-01	38	1.66E-01	1.40E-03	3.71E+01	2.03E-02	1.37E-03	1.55E-01	1.94E-01	1.75E-02	3.51E-04	3.25E-04	3.43E-04	6.02E-02	3.04E-02	2.31E-02	2.43E-06	2.70E-03	1.57E-03	5.35E-04	2.97E-04	8.04E-03	3.11E-02
2065-01-01	39	1.66E-01	1.40E-03	3.72E+01	2.03E-02	1.37E-03	1.55E-01	1.95E-01	1.75E-02	3.51E-04	3.25E-04	3.44E-04	6.02E-02	3.05E-02	2.31E-02	2.43E-06	2.70E-03	1.57E-03	5.35E-04	2.97E-04	8.05E-03	3.11E-02
2065-02-01	39	1.66E-01	1.44E-03	3.71E+01	2.03E-02	1.38E-03	1.57E-01	1.94E-01	1.75E-02	3.54E-04	3.23E-04	3.46E-04	6.23E-02	3.07E-02	2.31E-02	2.42E-06	2.72E-03	1.57E-03	5.42E-04	3.02E-04	8.11E-03	3.09E-02
2065-03-01	39	1.66E-01	1.49E-03	3.71E+01	2.04E-02	1.40E-03	1.60E-01	1.94E-01	1.75E-02	3.58E-04	3.19E-04	3.50E-04	6.56E-02	3.10E-02	2.31E-02	2.41E-06	2.75E-03	1.58E-03	5.54E-04	3.10E-04	8.20E-03	3.06E-02
2065-04-01	39	1.65E-01	1.68E-03	3.69E+01	2.08E-02	1.45E-03	1.72E-01	1.94E-01	1.78E-02	3.73E-04	3.06E-04	3.65E-04	7.75E-02	3.23E-02	2.31E-02	2.34E-06	2.87E-03	1.59E-03	5.97E-04	3.38E-04	8.53E-03	2.93E-02
2065-05-01	39	1.63E-01	1.97E-03	3.62E+01	2.13E-02	1.53E-03	1.90E-01	1.93E-01	1.80E-02	3.93E-04	2.83E-04	3.84E-04	9.52E-02	3.38E-02	2.31E-02	2.22E-06	3.02E-03	1.61E-03	6.56E-04	3.80E-04	8.95E-03	2.70E-02
2065-06-01	39	1.63E-01	2.01E-03	3.61E+01	2.13E-02	1.54E-03	1.92E-01	1.93E-01	1.80E-02	3.96E-04	2.79E-04	3.87E-04	9.77E-02	3.41E-02	2.31E-02	2.20E-06	3.04E-03	1.62E-03	6.65E-04	3.86E-04	9.02E-03	2.67E-02
2065-07-01	39	1.64E-01	2.02E-03	3.63E+01	2.14E-02	1.55E-03	1.93E-01	1.93E-01	1.81E-02	3.98E-04	2.81E-04	3.89E-04	9.83E-02	3.43E-02	2.31E-02	2.21E-06	3.05E-03	1.62E-03	6.69E-04	3.87E-04	9.06E-03	2.68E-02
2065-08-01	39	1.64E-01	2.03E-03	3.64E+01	2.14E-02	1.55E-03	1.93E-01	1.93E-01	1.81E-02	4.00E-04	2.82E-04	3.91E-04	9.87E-02	3.44E-02	2.31E-02	2.22E-06	3.07E-03	1.62E-03	6.72E-04	3.89E-04	9.09E-03	2.69E-02
2065-09-01	39	1.65E-01	2.04E-03	3.66E+01	2.14E-02	1.56E-03	1.94E-01	1.94E-01	1.81E-02	4.02E-04	2.83E-04	3.92E-04	9.92E-02	3.46E-02	2.31E-02	2.22E-06	3.08E-03	1.62E-03	6.75E-04	3.90E-04	9.13E-03	2.70E-02
2065-10-01	39	1.64E-01	2.02E-03	3.63E+01	2.14E-02	1.55E-03	1.93E-01	1.93E-01	1.81E-02	3.98E-04	2.81E-04	3.89E-04	9.83E-02	3.42E-02	2.31E-02	2.21E-06	3.05E-0					

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
Pond 3 Statistics (Year 4 to Year 42)																							
Minimum		22.6	11.5	2.41	0.000519	0.0733	0.00382	0.0137	0.00203	0.00000434	1.387	0.000015114	0.0007294	0.02233	0.00000856	0.000777	0.000007851	2.032	0.000009521	0.002307	0.026172	0.003475	1.746
P10		40.56	20.66	4.522	0.0328	4.63	0.0339	0.0206	0.003816	0.00000512	1.389	0.000015172	0.0012304	0.02673	0.00000937	0.0009286	0.000007941	2.343	0.000015441	0.0024026	0.026173	0.004531	1.746
Median		83.5	42.5	9.56	0.097	13.7	0.0981	0.0207	0.00807	0.00000513	1.390	0.000015172	0.0023304	0.02903	0.00000937	0.001271	0.000007951	2.913	0.000028141	0.002618	0.026173	0.006945	1.746
P90		101	51.3	11.3	0.121	17	0.122	0.0208	0.00956	0.00000515	1.390	0.000015173	0.0027944	0.04787	0.00000939	0.0015164	0.000007991	3.163	0.000033441	0.002707	0.026174	0.007935	1.7461
Maximum		102	52	11.6	0.122	17.3	0.123	0.0209	0.00981	0.00000516	1.390	0.000015174	0.0028604	0.08373	0.0000094	0.001578	0.000008291	3.183	0.000033841	0.002713	0.026227	0.008005	1.7734
Monthly Results																							
2027-01-01	1	12.7	6.50	1.4	0.00733	1.04	0.00951	0.018	0.00118	4.87E-06	1.39E+00	1.52E-05	4.99E-04	1.09E-01	9.06E-06	7.11E-04	8.24E-06	1.99E+00	7.23E-06	2.26E-03	2.62E-02	2.96E-03	1.76E+00
2027-02-01	1	13	6.64	1.43	0.00778	1.1	0.00992	0.018	0.00121	4.87E-06	1.39E+00	1.52E-05	5.04E-04	1.08E-01	9.06E-06	7.12E-04	8.22E-06	1.99E+00	7.28E-06	2.26E-03	2.62E-02	2.97E-03	1.76E+00
2027-03-01	1	13.4	6.85	1.48	0.00846	1.19	0.0105	0.0181	0.00125	4.86E-06	1.39E+00	1.52E-05	5.13E-04	1.06E-01	9.07E-06	7.13E-04	8.18E-06	1.99E+00	7.37E-06	2.27E-03	2.62E-02	3.00E-03	1.76E+00
2027-04-01	1	14.8	7.57	1.66	0.0109	1.53	0.0127	0.0181	0.0014	4.83E-06	1.39E+00	1.52E-05	5.41E-04	9.76E-02	9.07E-06	7.17E-04	8.04E-06	2.00E+00	7.66E-06	2.27E-03	2.62E-02	3.07E-03	1.76E+00
2027-05-01	1	16.6	8.47	1.88	0.014	1.97	0.0155	0.018	0.00158	4.76E-06	1.39E+00	1.52E-05	5.76E-04	8.59E-02	9.06E-06	7.21E-04	7.82E-06	2.00E+00	8.00E-06	2.28E-03	2.62E-02	3.17E-03	1.75E+00
2027-06-01	1	16.8	8.57	1.9	0.0143	2.02	0.0158	0.018	0.00161	4.76E-06	1.39E+00	1.52E-05	5.79E-04	8.47E-02	9.06E-06	7.22E-04	7.79E-06	2.00E+00	8.04E-06	2.28E-03	2.62E-02	3.18E-03	1.75E+00
2027-07-01	1	16.9	8.61	1.91	0.0144	2.03	0.0159	0.0181	0.00161	4.77E-06	1.39E+00	1.52E-05	5.82E-04	8.50E-02	9.07E-06	7.22E-04	7.81E-06	2.01E+00	8.07E-06	2.28E-03	2.62E-02	3.19E-03	1.75E+00
2027-08-01	1	16.9	8.64	1.92	0.0144	2.04	0.016	0.0181	0.00162	4.78E-06	1.39E+00	1.52E-05	5.83E-04	8.53E-02	9.08E-06	7.23E-04	7.82E-06	2.01E+00	8.09E-06	2.28E-03	2.62E-02	3.19E-03	1.75E+00
2027-09-01	1	17	8.68	1.93	0.0145	2.05	0.016	0.0182	0.00163	4.79E-06	1.39E+00	1.52E-05	5.85E-04	8.57E-02	9.08E-06	7.24E-04	7.84E-06	2.01E+00	8.12E-06	2.28E-03	2.62E-02	3.19E-03	1.75E+00
2027-10-01	1	16.9	8.60	1.91	0.0144	2.03	0.0159	0.0181	0.00161	4.77E-06	1.39E+00	1.52E-05	5.81E-04	8.50E-02	9.07E-06	7.22E-04	7.81E-06	2.01E+00	8.06E-06	2.28E-03	2.62E-02	3.19E-03	1.75E+00
2027-11-01	1	16.8	8.56	1.9	0.0143	2.02	0.0158	0.018	0.0016	4.75E-06	1.39E+00	1.52E-05	5.79E-04	8.46E-02	9.06E-06	7.21E-04	7.79E-06	2.00E+00	8.03E-06	2.28E-03	2.62E-02	3.18E-03	1.75E+00
2027-12-01	1	16.7	8.54	1.89	0.0143	2.02	0.0158	0.0179	0.0016	4.74E-06	1.39E+00	1.51E-05	5.78E-04	8.44E-02	9.05E-06	7.21E-04	7.78E-06	2.00E+00	8.02E-06	2.28E-03	2.62E-02	3.17E-03	1.75E+00
2028-01-01	2	16.7	8.54	1.9	0.0143	2.02	0.0158	0.0179	0.0016	4.74E-06	1.39E+00	1.51E-05	5.78E-04	8.44E-02	9.05E-06	7.21E-04	7.78E-06	2.00E+00	8.02E-06	2.28E-03	2.62E-02	3.17E-03	1.75E+00
2028-02-01	2	16.7	8.53	1.89	0.0143	2.02	0.0158	0.0182	0.00159	4.78E-06	1.39E+00	1.52E-05	5.78E-04	8.68E-02	9.08E-06	7.23E-04	7.80E-06	2.01E+00	7.99E-06	2.28E-03	2.62E-02	3.17E-03	1.75E+00
2028-03-01	2	16.7	8.53	1.88	0.0143	2.02	0.0157	0.0186	0.00158	4.83E-06	1.39E+00	1.52E-05	5.79E-04	9.04E-02	9.13E-06	7.26E-04	7.82E-06	2.03E+00	7.96E-06	2.28E-03	2.62E-02	3.17E-03	1.75E+00
2028-04-01	2	16.7	8.49	1.84	0.0142	2.01	0.0155	0.0197	0.00155	5.00E-06	1.39E+00	1.52E-05	5.81E-04	1.01E-01	9.26E-06	7.34E-04	7.90E-06	2.08E+00	7.83E-06	2.28E-03	2.62E-02	3.15E-03	1.75E+00
2028-05-01	2	16.5	8.39	1.79	0.0141	2	0.0152	0.0206	0.00151	5.12E-06	1.39E+00	1.52E-05	5.80E-04	1.11E-01	9.37E-06	7.40E-04	7.94E-06	2.13E+00	7.67E-06	2.28E-03	2.62E-02	3.14E-03	1.75E+00
2028-06-01	2	16.5	8.39	1.78	0.0141	2	0.0152	0.0207	0.0015	5.13E-06	1.39E+00	1.52E-05	5.80E-04	1.11E-01	9.37E-06	7.40E-04	7.95E-06	2.13E+00	7.66E-06	2.28E-03	2.62E-02	3.13E-03	1.75E+00
2028-07-01	2	16.6	8.41	1.79	0.0142	2	0.0153	0.0208	0.00151	5.14E-06	1.39E+00	1.52E-05	5.81E-04	1.12E-01	9.38E-06	7.41E-04	7.96E-06	2.13E+00	7.68E-06	2.28E-03	2.62E-02	3.14E-03	1.75E+00
2028-08-01	2	16.6	8.44	1.8	0.0142	2.01	0.0153	0.0208	0.00151	5.15E-06	1.39E+00	1.52E-05	5.82E-04	1.12E-01	9.39E-06	7.41E-04	7.97E-06	2.14E+00	7.69E-06	2.28E-03	2.62E-02	3.14E-03	1.75E+00
2028-09-01	2	16.7	8.46	1.8	0.0142	2.01	0.0153	0.0209	0.00152	5.16E-06	1.39E+00	1.52E-05	5.84E-04	1.12E-01	9.40E-06	7.42E-04	7.99E-06	2.14E+00	7.71E-06	2.28E-03	2.62E-02	3.14E-03	1.75E+00
2028-10-01	2	16.6	8.41	1.79	0.0142	2	0.0152	0.0207	0.00151	5.14E-06	1.39E+00	1.52E-05	5.81E-04	1.12E-01	9.38E-06	7.40E-04	7.96E-06	2.13E+00	7.67E-06	2.28E-03	2.62E-02	3.14E-03	1.75E+00
2028-11-01	2	16.5	8.38	1.78	0.0141	1.99	0																

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2032-08-01	6	47.9	24.40	5.36	0.0593	8.38	0.0604	0.0208	0.00451	5.15E-06	1.39E+00	1.52E-05	1.36E-03	4.57E-02	9.39E-06	9.36E-04	7.97E-06	2.48E+00	1.72E-05	2.44E-03	2.62E-02	4.92E-03	1.75E+00
2032-09-01	6	48.1	24.50	5.37	0.0595	8.41	0.0606	0.0209	0.00453	5.16E-06	1.39E+00	1.52E-05	1.36E-03	4.59E-02	9.40E-06	9.37E-04	7.99E-06	2.48E+00	1.73E-05	2.44E-03	2.62E-02	4.93E-03	1.75E+00
2032-10-01	6	47.7	24.30	5.34	0.0591	8.35	0.0602	0.0207	0.0045	5.14E-06	1.39E+00	1.52E-05	1.36E-03	4.56E-02	9.38E-06	9.35E-04	7.96E-06	2.48E+00	1.72E-05	2.44E-03	2.62E-02	4.91E-03	1.75E+00
2032-11-01	6	47.6	24.20	5.32	0.0589	8.32	0.06	0.0207	0.00448	5.13E-06	1.39E+00	1.52E-05	1.35E-03	4.54E-02	9.37E-06	9.34E-04	7.94E-06	2.47E+00	1.71E-05	2.44E-03	2.62E-02	4.91E-03	1.75E+00
2032-12-01	6	47.5	24.20	5.31	0.0588	8.31	0.0599	0.0206	0.00448	5.12E-06	1.39E+00	1.52E-05	1.35E-03	4.54E-02	9.37E-06	9.33E-04	7.94E-06	2.47E+00	1.71E-05	2.43E-03	2.62E-02	4.90E-03	1.75E+00
2033-01-01	7	47.5	24.20	5.31	0.0588	8.31	0.0599	0.0206	0.00448	5.12E-06	1.39E+00	1.52E-05	1.35E-03	4.54E-02	9.37E-06	9.33E-04	7.94E-06	2.47E+00	1.71E-05	2.43E-03	2.62E-02	4.90E-03	1.75E+00
2033-02-01	7	47.8	24.30	5.34	0.0589	8.33	0.06	0.0207	0.0045	5.13E-06	1.39E+00	1.52E-05	1.36E-03	4.53E-02	9.37E-06	9.37E-04	7.94E-06	2.48E+00	1.72E-05	2.44E-03	2.62E-02	4.92E-03	1.75E+00
2033-03-01	7	48.2	24.50	5.39	0.0591	8.35	0.0602	0.0207	0.00454	5.13E-06	1.39E+00	1.52E-05	1.37E-03	4.51E-02	9.38E-06	9.43E-04	7.95E-06	2.48E+00	1.73E-05	2.44E-03	2.62E-02	4.94E-03	1.75E+00
2033-04-01	7	49.5	25.20	5.52	0.0596	8.42	0.0607	0.0208	0.00465	5.15E-06	1.39E+00	1.52E-05	1.41E-03	4.45E-02	9.38E-06	9.60E-04	7.96E-06	2.51E+00	1.77E-05	2.44E-03	2.62E-02	5.01E-03	1.75E+00
2033-05-01	7	50.2	25.60	5.6	0.0596	8.42	0.0607	0.0207	0.00472	5.13E-06	1.39E+00	1.52E-05	1.43E-03	4.36E-02	9.37E-06	9.72E-04	7.95E-06	2.52E+00	1.79E-05	2.45E-03	2.62E-02	5.05E-03	1.75E+00
2033-06-01	7	50.3	25.60	5.6	0.0596	8.42	0.0607	0.0207	0.00472	5.13E-06	1.39E+00	1.52E-05	1.43E-03	4.36E-02	9.37E-06	9.73E-04	7.95E-06	2.52E+00	1.79E-05	2.45E-03	2.62E-02	5.06E-03	1.75E+00
2033-07-01	7	50.5	25.70	5.62	0.0598	8.45	0.0609	0.0208	0.00474	5.14E-06	1.39E+00	1.52E-05	1.44E-03	4.37E-02	9.38E-06	9.75E-04	7.96E-06	2.52E+00	1.80E-05	2.45E-03	2.62E-02	5.07E-03	1.75E+00
2033-08-01	7	50.6	25.70	5.64	0.06	8.47	0.0611	0.0208	0.00475	5.15E-06	1.39E+00	1.52E-05	1.44E-03	4.39E-02	9.39E-06	9.76E-04	7.97E-06	2.52E+00	1.80E-05	2.45E-03	2.62E-02	5.07E-03	1.75E+00
2033-09-01	7	50.8	25.80	5.65	0.0601	8.5	0.0612	0.0209	0.00476	5.16E-06	1.39E+00	1.52E-05	1.45E-03	4.40E-02	9.40E-06	9.77E-04	7.99E-06	2.53E+00	1.81E-05	2.45E-03	2.62E-02	5.08E-03	1.75E+00
2033-10-01	7	50.4	25.60	5.62	0.0597	8.44	0.0608	0.0207	0.00473	5.14E-06	1.39E+00	1.52E-05	1.44E-03	4.37E-02	9.38E-06	9.74E-04	7.96E-06	2.52E+00	1.80E-05	2.45E-03	2.62E-02	5.06E-03	1.75E+00
2033-11-01	7	50.2	25.60	5.6	0.0595	8.41	0.0606	0.0207	0.00472	5.13E-06	1.39E+00	1.52E-05	1.43E-03	4.36E-02	9.37E-06	9.73E-04	7.94E-06	2.52E+00	1.79E-05	2.45E-03	2.62E-02	5.05E-03	1.75E+00
2033-12-01	7	50.2	25.50	5.59	0.0594	8.4	0.0605	0.0206	0.00471	5.12E-06	1.39E+00	1.52E-05	1.43E-03	4.35E-02	9.37E-06	9.72E-04	7.94E-06	2.51E+00	1.79E-05	2.45E-03	2.62E-02	5.05E-03	1.75E+00
2034-01-01	8	50.2	25.50	5.59	0.0595	8.4	0.0605	0.0206	0.00471	5.12E-06	1.39E+00	1.52E-05	1.43E-03	4.35E-02	9.37E-06	9.72E-04	7.94E-06	2.51E+00	1.79E-05	2.45E-03	2.62E-02	5.05E-03	1.75E+00
2034-02-01	8	50.5	25.70	5.63	0.06	8.48	0.0611	0.0207	0.00474	5.13E-06	1.39E+00	1.52E-05	1.44E-03	4.34E-02	9.37E-06	9.72E-04	7.94E-06	2.52E+00	1.80E-05	2.45E-03	2.62E-02	5.07E-03	1.75E+00
2034-03-01	8	50.9	25.90	5.68	0.0609	8.6	0.062	0.0207	0.00479	5.13E-06	1.39E+00	1.52E-05	1.45E-03	4.33E-02	9.38E-06	9.71E-04	7.95E-06	2.52E+00	1.81E-05	2.45E-03	2.62E-02	5.09E-03	1.75E+00
2034-04-01	8	52.1	26.50	5.85	0.0635	8.98	0.0646	0.0208	0.00493	5.15E-06	1.39E+00	1.52E-05	1.47E-03	4.27E-02	9.38E-06	9.68E-04	7.96E-06	2.53E+00	1.85E-05	2.46E-03	2.62E-02	5.17E-03	1.75E+00
2034-05-01	8	52.9	26.90	5.95	0.0654	9.24	0.0665	0.0207	0.00501	5.13E-06	1.39E+00	1.52E-05	1.48E-03	4.20E-02	9.37E-06	9.63E-04	7.95E-06	2.53E+00	1.87E-05	2.46E-03	2.62E-02	5.21E-03	1.75E+00
2034-06-01	8	52.9	26.90	5.96	0.0655	9.25	0.0666	0.0207	0.00502	5.13E-06	1.39E+00	1.52E-05	1.48E-03	4.20E-02	9.37E-06	9.63E-04	7.95E-06	2.53E+00	1.87E-05	2.46E-03	2.62E-02	5.21E-03	1.75E+00
2034-07-01	8	53.1	27.00	5.98	0.0657	9.28	0.0668	0.0208	0.00504	5.14E-06	1.39E+00	1.52E-05	1.49E-03	4.21E-02	9.38E-06	9.64E-04	7.96E-06	2.53E+00	1.88E-05	2.46E-03	2.62E-02	5.22E-03	1.75E+00
2034-08-01	8	53.2	27.10	5.99	0.0659	9.31	0.067	0.0208	0.00505	5.15E-06	1.39E+00	1.52E-05	1.49E-03	4.22E-02	9.39E-06	9.65E-04	7.97E-06	2.54E+00	1.88E-05	2.46E-03	2.62E-02	5.23E-03	1.75E+00
2034-09-01	8	53.4	27.20	6.01	0.0661	9.34	0.0672	0.0209	0.00507	5.16E-06	1.39E+00	1.52E-05	1.50E-03	4.23E-02	9.40E-06	9.66E-04	7.99E-06	2.54E+00	1.89E-05	2.47E-03	2.62E-02	5.24E-03	1.75E+00
2034-10-01	8	53	27.00	5.97	0.0656	9.27	0.0667	0.0207	0.00503	5.14E-06	1.39E+00	1.52E-											

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2038-10-01	12	70.4	35.80	8.12	0.0859	12.1	0.087	0.0207	0.00686	5.14E-06	1.39E+00	1.52E-05	1.94E-03	3.42E-02	9.38E-06	1.10E-03	7.96E-06	2.70E+00	2.41E-05	2.55E-03	2.62E-02	6.23E-03	1.75E+00
2038-11-01	12	70.1	35.70	8.09	0.0856	12.1	0.0867	0.0207	0.00683	5.13E-06	1.39E+00	1.52E-05	1.93E-03	3.41E-02	9.37E-06	1.10E-03	7.94E-06	2.70E+00	2.40E-05	2.55E-03	2.62E-02	6.22E-03	1.75E+00
2038-12-01	12	70	35.60	8.08	0.0855	12.1	0.0866	0.0206	0.00682	5.12E-06	1.39E+00	1.52E-05	1.93E-03	3.40E-02	9.37E-06	1.10E-03	7.94E-06	2.69E+00	2.40E-05	2.55E-03	2.62E-02	6.21E-03	1.75E+00
2039-01-01	13	70	35.70	8.08	0.0855	12.1	0.0866	0.0206	0.00682	5.12E-06	1.39E+00	1.52E-05	1.93E-03	3.40E-02	9.37E-06	1.10E-03	7.94E-06	2.69E+00	2.40E-05	2.55E-03	2.62E-02	6.21E-03	1.75E+00
2039-02-01	13	71	36.20	8.2	0.0867	12.2	0.0878	0.0207	0.00692	5.13E-06	1.39E+00	1.52E-05	1.95E-03	3.38E-02	9.37E-06	1.11E-03	7.94E-06	2.71E+00	2.43E-05	2.56E-03	2.62E-02	6.27E-03	1.75E+00
2039-03-01	13	72.5	36.90	8.37	0.0884	12.5	0.0895	0.0207	0.00707	5.13E-06	1.39E+00	1.52E-05	1.99E-03	3.34E-02	9.38E-06	1.11E-03	7.95E-06	2.72E+00	2.47E-05	2.56E-03	2.62E-02	6.36E-03	1.75E+00
2039-04-01	13	77.1	39.30	8.92	0.0938	13.3	0.0949	0.0208	0.00753	5.15E-06	1.39E+00	1.52E-05	2.10E-03	3.23E-02	9.38E-06	1.14E-03	7.96E-06	2.78E+00	2.61E-05	2.59E-03	2.62E-02	6.62E-03	1.75E+00
2039-05-01	13	80.6	41.10	9.33	0.0979	13.8	0.099	0.0207	0.00788	5.13E-06	1.39E+00	1.52E-05	2.19E-03	3.10E-02	9.37E-06	1.15E-03	7.95E-06	2.82E+00	2.72E-05	2.61E-03	2.62E-02	6.82E-03	1.75E+00
2039-06-01	13	80.9	41.20	9.36	0.0982	13.9	0.0992	0.0207	0.0079	5.13E-06	1.39E+00	1.52E-05	2.19E-03	3.09E-02	9.37E-06	1.15E-03	7.95E-06	2.82E+00	2.73E-05	2.61E-03	2.62E-02	6.84E-03	1.75E+00
2039-07-01	13	81.1	41.30	9.39	0.0985	13.9	0.0996	0.0208	0.00792	5.14E-06	1.39E+00	1.52E-05	2.20E-03	3.10E-02	9.38E-06	1.16E-03	7.96E-06	2.83E+00	2.74E-05	2.61E-03	2.62E-02	6.85E-03	1.75E+00
2039-08-01	13	81.3	41.40	9.41	0.0987	14	0.0998	0.0208	0.00794	5.15E-06	1.39E+00	1.52E-05	2.20E-03	3.11E-02	9.39E-06	1.16E-03	7.97E-06	2.83E+00	2.74E-05	2.61E-03	2.62E-02	6.86E-03	1.75E+00
2039-09-01	13	81.6	41.50	9.44	0.099	14	0.1	0.0209	0.00797	5.16E-06	1.39E+00	1.52E-05	2.21E-03	3.12E-02	9.40E-06	1.16E-03	7.99E-06	2.83E+00	2.75E-05	2.61E-03	2.62E-02	6.88E-03	1.75E+00
2039-10-01	13	81	41.30	9.38	0.0984	13.9	0.0995	0.0207	0.00791	5.14E-06	1.39E+00	1.52E-05	2.20E-03	3.10E-02	9.38E-06	1.15E-03	7.96E-06	2.82E+00	2.73E-05	2.61E-03	2.62E-02	6.85E-03	1.75E+00
2039-11-01	13	80.8	41.10	9.34	0.098	13.9	0.0991	0.0207	0.00789	5.13E-06	1.39E+00	1.52E-05	2.19E-03	3.09E-02	9.37E-06	1.15E-03	7.94E-06	2.82E+00	2.72E-05	2.61E-03	2.62E-02	6.83E-03	1.75E+00
2039-12-01	13	80.6	41.10	9.33	0.0979	13.8	0.099	0.0206	0.00787	5.12E-06	1.39E+00	1.52E-05	2.19E-03	3.09E-02	9.37E-06	1.15E-03	7.94E-06	2.82E+00	2.72E-05	2.61E-03	2.62E-02	6.82E-03	1.75E+00
2040-01-01	14	80.7	41.10	9.33	0.0979	13.8	0.099	0.0206	0.00788	5.12E-06	1.39E+00	1.52E-05	2.19E-03	3.09E-02	9.37E-06	1.15E-03	7.94E-06	2.82E+00	2.72E-05	2.61E-03	2.62E-02	6.83E-03	1.75E+00
2040-02-01	14	81.5	41.50	9.42	0.0988	14	0.0999	0.0207	0.00795	5.13E-06	1.39E+00	1.52E-05	2.21E-03	3.07E-02	9.37E-06	1.16E-03	7.94E-06	2.83E+00	2.75E-05	2.61E-03	2.62E-02	6.87E-03	1.75E+00
2040-03-01	14	82.7	42.10	9.56	0.1	14.2	0.101	0.0207	0.00807	5.13E-06	1.39E+00	1.52E-05	2.24E-03	3.05E-02	9.38E-06	1.16E-03	7.95E-06	2.84E+00	2.78E-05	2.62E-03	2.62E-02	6.94E-03	1.75E+00
2040-04-01	14	86.3	44.00	9.98	0.104	14.8	0.106	0.0208	0.00843	5.15E-06	1.39E+00	1.52E-05	2.33E-03	2.98E-02	9.38E-06	1.19E-03	7.96E-06	2.89E+00	2.89E-05	2.64E-03	2.62E-02	7.15E-03	1.75E+00
2040-05-01	14	88.9	45.30	10.3	0.107	15.2	0.108	0.0207	0.00867	5.13E-06	1.39E+00	1.52E-05	2.39E-03	2.90E-02	9.37E-06	1.20E-03	7.95E-06	2.92E+00	2.97E-05	2.65E-03	2.62E-02	7.30E-03	1.75E+00
2040-06-01	14	89.1	45.40	10.3	0.108	15.2	0.109	0.0207	0.00869	5.13E-06	1.39E+00	1.52E-05	2.39E-03	2.90E-02	9.37E-06	1.21E-03	7.95E-06	2.92E+00	2.98E-05	2.65E-03	2.62E-02	7.31E-03	1.75E+00
2040-07-01	14	89.4	45.50	10.3	0.108	15.2	0.109	0.0208	0.00872	5.14E-06	1.39E+00	1.52E-05	2.40E-03	2.91E-02	9.38E-06	1.21E-03	7.96E-06	2.92E+00	2.99E-05	2.65E-03	2.62E-02	7.32E-03	1.75E+00
2040-08-01	14	89.6	45.60	10.4	0.108	15.3	0.109	0.0208	0.00874	5.15E-06	1.39E+00	1.52E-05	2.41E-03	2.91E-02	9.39E-06	1.21E-03	7.97E-06	2.93E+00	2.99E-05	2.65E-03	2.62E-02	7.34E-03	1.75E+00
2040-09-01	14	89.9	45.80	10.4	0.109	15.3	0.11	0.0209	0.00877	5.16E-06	1.39E+00	1.52E-05	2.41E-03	2.92E-02	9.40E-06	1.21E-03	7.99E-06	2.93E+00	3.00E-05	2.65E-03	2.62E-02	7.35E-03	1.75E+00
2040-10-01	14	89.3	45.50	10.3	0.108	15.2	0.109	0.0207	0.00871	5.14E-06	1.39E+00	1.52E-05	2.40E-03	2.90E-02	9.38E-06	1.21E-03	7.96E-06	2.92E+00	2.98E-05	2.65E-03	2.62E-02	7.32E-03	1.75E+00
2040-11-01	14	89	45.30	10.3	0.107	15.2	0.109	0.0207	0.00868	5.13E-06	1.39E+00	1.52E-05	2.39E-03	2.90E-02	9.37E-06	1.20E-03	7.94E-06	2.92E+00	2.97E-05	2.65E-03	2.62E-02	7.30E-03	1.75E+00
2040-12-01	14	88.8	45.20	10.3	0.107	15.2	0.108	0.0206	0.00867	5.12E-06	1.39E+00	1.52E-											

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2044-12-01	18	100	51.10	11.4	0.12	17	0.121	0.0206	0.0096	5.12E-06	1.39E+00	1.52E-05	2.72E-03	2.67E-02	9.37E-06	1.35E-03	7.94E-06	3.11E+00	3.32E-05	2.71E-03	2.62E-02	7.92E-03	1.75E+00
2045-01-01	19	100	51.10	11.4	0.12	17	0.121	0.0206	0.0096	5.12E-06	1.39E+00	1.52E-05	2.72E-03	2.67E-02	9.37E-06	1.35E-03	7.94E-06	3.11E+00	3.32E-05	2.71E-03	2.62E-02	7.92E-03	1.75E+00
2045-02-01	19	101	51.10	11.4	0.12	17	0.121	0.0207	0.0096	5.13E-06	1.39E+00	1.52E-05	2.73E-03	2.67E-02	9.37E-06	1.36E-03	7.94E-06	3.11E+00	3.33E-05	2.71E-03	2.62E-02	7.93E-03	1.75E+00
2045-03-01	19	101	51.20	11.4	0.121	17	0.122	0.0207	0.00961	5.13E-06	1.39E+00	1.52E-05	2.73E-03	2.68E-02	9.38E-06	1.36E-03	7.95E-06	3.12E+00	3.33E-05	2.71E-03	2.62E-02	7.94E-03	1.75E+00
2045-04-01	19	101	51.40	11.4	0.121	17.1	0.122	0.0208	0.00962	5.15E-06	1.39E+00	1.52E-05	2.75E-03	2.68E-02	9.38E-06	1.38E-03	7.96E-06	3.13E+00	3.34E-05	2.71E-03	2.62E-02	7.95E-03	1.75E+00
2045-05-01	19	101	51.20	11.3	0.121	17	0.122	0.0207	0.00956	5.13E-06	1.39E+00	1.52E-05	2.75E-03	2.67E-02	9.37E-06	1.39E-03	7.95E-06	3.13E+00	3.33E-05	2.71E-03	2.62E-02	7.93E-03	1.75E+00
2045-06-01	19	101	51.20	11.3	0.121	17	0.122	0.0207	0.00956	5.13E-06	1.39E+00	1.52E-05	2.75E-03	2.67E-02	9.37E-06	1.39E-03	7.95E-06	3.13E+00	3.33E-05	2.71E-03	2.62E-02	7.93E-03	1.75E+00
2045-07-01	19	101	51.40	11.4	0.121	17.1	0.122	0.0208	0.00959	5.14E-06	1.39E+00	1.52E-05	2.76E-03	2.68E-02	9.38E-06	1.40E-03	7.96E-06	3.14E+00	3.34E-05	2.71E-03	2.62E-02	7.95E-03	1.75E+00
2045-08-01	19	101	51.50	11.4	0.121	17.1	0.122	0.0208	0.00961	5.15E-06	1.39E+00	1.52E-05	2.77E-03	2.69E-02	9.39E-06	1.40E-03	7.97E-06	3.14E+00	3.35E-05	2.71E-03	2.62E-02	7.96E-03	1.75E+00
2045-09-01	19	102	51.70	11.4	0.122	17.2	0.123	0.0209	0.00964	5.16E-06	1.39E+00	1.52E-05	2.78E-03	2.70E-02	9.40E-06	1.40E-03	7.99E-06	3.15E+00	3.36E-05	2.71E-03	2.62E-02	7.98E-03	1.75E+00
2045-10-01	19	101	51.30	11.4	0.121	17.1	0.122	0.0207	0.00958	5.14E-06	1.39E+00	1.52E-05	2.76E-03	2.68E-02	9.38E-06	1.39E-03	7.96E-06	3.14E+00	3.34E-05	2.71E-03	2.62E-02	7.94E-03	1.75E+00
2045-11-01	19	101	51.20	11.3	0.12	17	0.122	0.0207	0.00955	5.13E-06	1.39E+00	1.52E-05	2.75E-03	2.67E-02	9.37E-06	1.39E-03	7.94E-06	3.13E+00	3.33E-05	2.71E-03	2.62E-02	7.92E-03	1.75E+00
2045-12-01	19	100	51.10	11.3	0.12	17	0.121	0.0206	0.00953	5.12E-06	1.39E+00	1.52E-05	2.74E-03	2.67E-02	9.37E-06	1.39E-03	7.94E-06	3.13E+00	3.32E-05	2.71E-03	2.62E-02	7.91E-03	1.75E+00
2046-01-01	20	100	51.10	11.3	0.12	17	0.121	0.0206	0.00953	5.12E-06	1.39E+00	1.52E-05	2.75E-03	2.67E-02	9.37E-06	1.39E-03	7.94E-06	3.13E+00	3.32E-05	2.71E-03	2.62E-02	7.91E-03	1.75E+00
2046-02-01	20	101	51.20	11.3	0.12	17	0.122	0.0207	0.00954	5.13E-06	1.39E+00	1.52E-05	2.75E-03	2.67E-02	9.37E-06	1.39E-03	7.94E-06	3.13E+00	3.33E-05	2.71E-03	2.62E-02	7.92E-03	1.75E+00
2046-03-01	20	101	51.30	11.3	0.121	17.1	0.122	0.0207	0.00956	5.13E-06	1.39E+00	1.52E-05	2.76E-03	2.67E-02	9.38E-06	1.40E-03	7.95E-06	3.14E+00	3.33E-05	2.71E-03	2.62E-02	7.93E-03	1.75E+00
2046-04-01	20	101	51.60	11.4	0.121	17.1	0.122	0.0208	0.00959	5.15E-06	1.39E+00	1.52E-05	2.78E-03	2.68E-02	9.38E-06	1.42E-03	7.96E-06	3.16E+00	3.35E-05	2.71E-03	2.62E-02	7.96E-03	1.75E+00
2046-05-01	20	101	51.40	11.3	0.121	17.1	0.122	0.0207	0.00954	5.13E-06	1.39E+00	1.52E-05	2.78E-03	2.67E-02	9.37E-06	1.43E-03	7.95E-06	3.16E+00	3.34E-05	2.71E-03	2.62E-02	7.94E-03	1.75E+00
2046-06-01	20	101	51.40	11.3	0.121	17.1	0.122	0.0207	0.00954	5.13E-06	1.39E+00	1.52E-05	2.78E-03	2.67E-02	9.37E-06	1.43E-03	7.95E-06	3.16E+00	3.34E-05	2.71E-03	2.62E-02	7.94E-03	1.75E+00
2046-07-01	20	102	51.60	11.4	0.121	17.2	0.123	0.0208	0.00958	5.14E-06	1.39E+00	1.52E-05	2.79E-03	2.67E-02	9.38E-06	1.43E-03	7.96E-06	3.16E+00	3.35E-05	2.71E-03	2.62E-02	7.96E-03	1.75E+00
2046-08-01	20	102	51.70	11.4	0.122	17.2	0.123	0.0208	0.0096	5.15E-06	1.39E+00	1.52E-05	2.80E-03	2.68E-02	9.39E-06	1.43E-03	7.97E-06	3.17E+00	3.36E-05	2.71E-03	2.62E-02	7.98E-03	1.75E+00
2046-09-01	20	102	51.90	11.4	0.122	17.3	0.123	0.0209	0.00963	5.16E-06	1.39E+00	1.52E-05	2.81E-03	2.69E-02	9.40E-06	1.43E-03	7.99E-06	3.17E+00	3.37E-05	2.71E-03	2.62E-02	8.00E-03	1.75E+00
2046-10-01	20	101	51.60	11.4	0.121	17.1	0.122	0.0207	0.00957	5.14E-06	1.39E+00	1.52E-05	2.79E-03	2.67E-02	9.38E-06	1.43E-03	7.96E-06	3.16E+00	3.35E-05	2.71E-03	2.62E-02	7.96E-03	1.75E+00
2046-11-01	20	101	51.40	11.3	0.121	17.1	0.122	0.0207	0.00953	5.13E-06	1.39E+00	1.52E-05	2.78E-03	2.66E-02	9.37E-06	1.43E-03	7.94E-06	3.15E+00	3.34E-05	2.71E-03	2.62E-02	7.94E-03	1.75E+00
2046-12-01	20	101	51.30	11.3	0.121	17.1	0.122	0.0206	0.00952	5.12E-06	1.39E+00	1.52E-05	2.77E-03	2.66E-02	9.37E-06	1.42E-03	7.94E-06	3.15E+00	3.34E-05	2.71E-03	2.62E-02	7.93E-03	1.75E+00
2047-01-01	21	101	51.30	11.3	0.121	17.1	0.122	0.0206	0.00952	5.12E-06	1.39E+00	1.52E-05	2.78E-03	2.66E-02	9.37E-06	1.42E-03	7.94E-06	3.15E+00	3.34E-05	2.71E-03	2.62E-02	7.93E-03	1.75E+00
2047-02-01	21	101	51.40	11.3	0.121	17.1	0.122	0.0207	0.00953	5.13E-06	1.39E+00	1.52E-05	2.78E-03	2.66E-02	9.37E-06	1.43E-03	7.94						

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2051-02-01	25	93.2	47.40	10.4	0.107	15.2	0.108	0.0207	0.00876	5.13E-06	1.39E+00	1.52E-05	2.59E-03	2.81E-02	9.37E-06	1.39E-03	7.94E-06	3.06E+00	3.10E-05	2.67E-03	2.62E-02	7.49E-03	1.75E+00
2051-03-01	25	93.1	47.30	10.4	0.108	15.2	0.109	0.0207	0.00875	5.13E-06	1.39E+00	1.52E-05	2.59E-03	2.82E-02	9.38E-06	1.39E-03	7.95E-06	3.06E+00	3.10E-05	2.67E-03	2.62E-02	7.48E-03	1.75E+00
2051-04-01	25	92.7	47.10	10.3	0.108	15.3	0.11	0.0208	0.0087	5.15E-06	1.39E+00	1.52E-05	2.58E-03	2.84E-02	9.38E-06	1.39E-03	7.96E-06	3.06E+00	3.08E-05	2.66E-03	2.62E-02	7.46E-03	1.75E+00
2051-05-01	25	91.6	46.60	10.2	0.108	15.3	0.11	0.0207	0.0086	5.13E-06	1.39E+00	1.52E-05	2.56E-03	2.84E-02	9.37E-06	1.39E-03	7.95E-06	3.05E+00	3.05E-05	2.66E-03	2.62E-02	7.40E-03	1.75E+00
2051-06-01	25	91.6	46.50	10.2	0.108	15.3	0.11	0.0207	0.0086	5.13E-06	1.39E+00	1.52E-05	2.56E-03	2.84E-02	9.37E-06	1.39E-03	7.95E-06	3.05E+00	3.05E-05	2.66E-03	2.62E-02	7.39E-03	1.75E+00
2051-07-01	25	91.9	46.70	10.2	0.109	15.4	0.11	0.0208	0.00862	5.14E-06	1.39E+00	1.52E-05	2.57E-03	2.85E-02	9.38E-06	1.40E-03	7.96E-06	3.06E+00	3.06E-05	2.66E-03	2.62E-02	7.41E-03	1.75E+00
2051-08-01	25	92.1	46.80	10.3	0.109	15.4	0.11	0.0208	0.00865	5.15E-06	1.39E+00	1.52E-05	2.57E-03	2.86E-02	9.39E-06	1.40E-03	7.97E-06	3.06E+00	3.07E-05	2.66E-03	2.62E-02	7.42E-03	1.75E+00
2051-09-01	25	92.4	47.00	10.3	0.109	15.5	0.111	0.0209	0.00867	5.16E-06	1.39E+00	1.52E-05	2.58E-03	2.87E-02	9.40E-06	1.40E-03	7.99E-06	3.07E+00	3.08E-05	2.66E-03	2.62E-02	7.44E-03	1.75E+00
2051-10-01	25	91.8	46.70	10.2	0.109	15.4	0.11	0.0207	0.00862	5.14E-06	1.39E+00	1.52E-05	2.56E-03	2.85E-02	9.38E-06	1.40E-03	7.96E-06	3.05E+00	3.06E-05	2.66E-03	2.62E-02	7.41E-03	1.75E+00
2051-11-01	25	91.5	46.50	10.2	0.108	15.3	0.109	0.0207	0.00859	5.13E-06	1.39E+00	1.52E-05	2.55E-03	2.84E-02	9.37E-06	1.39E-03	7.94E-06	3.05E+00	3.05E-05	2.66E-03	2.62E-02	7.39E-03	1.75E+00
2051-12-01	25	91.3	46.40	10.2	0.108	15.3	0.109	0.0206	0.00857	5.12E-06	1.39E+00	1.52E-05	2.55E-03	2.84E-02	9.37E-06	1.39E-03	7.94E-06	3.05E+00	3.04E-05	2.66E-03	2.62E-02	7.38E-03	1.75E+00
2052-01-01	26	91.4	46.40	10.2	0.108	15.3	0.109	0.0206	0.00857	5.12E-06	1.39E+00	1.52E-05	2.55E-03	2.84E-02	9.37E-06	1.39E-03	7.94E-06	3.05E+00	3.04E-05	2.66E-03	2.62E-02	7.38E-03	1.75E+00
2052-02-01	26	91.5	46.50	10.2	0.108	15.3	0.109	0.0207	0.00858	5.13E-06	1.39E+00	1.52E-05	2.56E-03	2.84E-02	9.37E-06	1.40E-03	7.94E-06	3.05E+00	3.05E-05	2.66E-03	2.62E-02	7.39E-03	1.75E+00
2052-03-01	26	91.7	46.60	10.2	0.109	15.4	0.11	0.0207	0.0086	5.13E-06	1.39E+00	1.52E-05	2.56E-03	2.84E-02	9.38E-06	1.40E-03	7.95E-06	3.05E+00	3.05E-05	2.66E-03	2.62E-02	7.40E-03	1.75E+00
2052-04-01	26	92.1	46.80	10.2	0.11	15.5	0.111	0.0208	0.00863	5.15E-06	1.39E+00	1.52E-05	2.58E-03	2.85E-02	9.38E-06	1.42E-03	7.96E-06	3.06E+00	3.07E-05	2.66E-03	2.62E-02	7.42E-03	1.75E+00
2052-05-01	26	91.8	46.60	10.2	0.11	15.5	0.111	0.0207	0.0086	5.13E-06	1.39E+00	1.52E-05	2.58E-03	2.84E-02	9.37E-06	1.42E-03	7.95E-06	3.06E+00	3.06E-05	2.66E-03	2.62E-02	7.40E-03	1.75E+00
2052-06-01	26	91.8	46.60	10.2	0.11	15.5	0.111	0.0207	0.0086	5.13E-06	1.39E+00	1.52E-05	2.58E-03	2.84E-02	9.37E-06	1.42E-03	7.95E-06	3.06E+00	3.06E-05	2.66E-03	2.62E-02	7.40E-03	1.75E+00
2052-07-01	26	92.1	46.80	10.2	0.11	15.6	0.111	0.0208	0.00863	5.14E-06	1.39E+00	1.52E-05	2.59E-03	2.85E-02	9.38E-06	1.43E-03	7.96E-06	3.07E+00	3.07E-05	2.66E-03	2.62E-02	7.42E-03	1.75E+00
2052-08-01	26	92.3	46.90	10.3	0.11	15.6	0.111	0.0208	0.00865	5.15E-06	1.39E+00	1.52E-05	2.59E-03	2.86E-02	9.39E-06	1.43E-03	7.97E-06	3.07E+00	3.07E-05	2.66E-03	2.62E-02	7.43E-03	1.75E+00
2052-09-01	26	92.6	47.10	10.3	0.111	15.6	0.112	0.0209	0.00868	5.16E-06	1.39E+00	1.52E-05	2.60E-03	2.86E-02	9.40E-06	1.43E-03	7.99E-06	3.08E+00	3.08E-05	2.66E-03	2.62E-02	7.45E-03	1.75E+00
2052-10-01	26	92	46.80	10.2	0.11	15.5	0.111	0.0207	0.00862	5.14E-06	1.39E+00	1.52E-05	2.59E-03	2.85E-02	9.38E-06	1.42E-03	7.96E-06	3.06E+00	3.06E-05	2.66E-03	2.62E-02	7.42E-03	1.75E+00
2052-11-01	26	91.7	46.60	10.2	0.11	15.5	0.111	0.0207	0.00859	5.13E-06	1.39E+00	1.52E-05	2.58E-03	2.84E-02	9.37E-06	1.42E-03	7.94E-06	3.06E+00	3.05E-05	2.66E-03	2.62E-02	7.40E-03	1.75E+00
2052-12-01	26	91.5	46.50	10.2	0.109	15.5	0.111	0.0206	0.00858	5.12E-06	1.39E+00	1.52E-05	2.57E-03	2.83E-02	9.37E-06	1.42E-03	7.94E-06	3.05E+00	3.05E-05	2.66E-03	2.62E-02	7.39E-03	1.75E+00
2053-01-01	27	91.6	46.50	10.2	0.109	15.5	0.111	0.0206	0.00858	5.12E-06	1.39E+00	1.52E-05	2.57E-03	2.83E-02	9.37E-06	1.42E-03	7.94E-06	3.06E+00	3.05E-05	2.66E-03	2.62E-02	7.39E-03	1.75E+00
2053-02-01	27	92	46.70	10.2	0.11	15.6	0.111	0.0207	0.00862	5.13E-06	1.39E+00	1.52E-05	2.59E-03	2.83E-02	9.37E-06	1.43E-03	7.94E-06	3.06E+00	3.06E-05	2.66E-03	2.62E-02	7.41E-03	1.75E+00
2053-03-01	27	92.6	47.10	10.3	0.111	15.7	0.112	0.0207	0.00868	5.13E-06	1.39E+00	1.52E-05	2.61E-03	2.83E-02	9.38E-06	1.44E-03	7.95E-06	3.07E+00	3.08E-05	2.66E-03	2.62E-02	7.45E-03	1.75E+00
2053-04-01	27	94.5	48.00	10.5	0.114	16.1	0.115	0.0208	0.00886	5.15E-06	1.39E+00	1.52E-05	2.66E-03	2.80E-02									

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2057-04-01	31	98.8	50.20	11	0.111	15.7	0.112	0.0208	0.00931	5.15E-06	1.39E+00	1.52E-05	2.79E-03	2.72E-02	9.38E-06	1.54E-03	7.96E-06	3.14E+00	3.27E-05	2.70E-03	2.62E-02	7.81E-03	1.75E+00
2057-05-01	31	97.4	49.50	10.9	0.107	15.1	0.108	0.0207	0.00918	5.13E-06	1.39E+00	1.52E-05	2.75E-03	2.73E-02	9.37E-06	1.52E-03	7.95E-06	3.12E+00	3.23E-05	2.69E-03	2.62E-02	7.73E-03	1.75E+00
2057-06-01	31	97.4	49.50	10.9	0.107	15.1	0.108	0.0207	0.00918	5.13E-06	1.39E+00	1.52E-05	2.75E-03	2.73E-02	9.37E-06	1.52E-03	7.95E-06	3.12E+00	3.23E-05	2.69E-03	2.62E-02	7.73E-03	1.75E+00
2057-07-01	31	97.7	49.70	10.9	0.107	15.1	0.108	0.0208	0.00921	5.14E-06	1.39E+00	1.52E-05	2.76E-03	2.74E-02	9.38E-06	1.53E-03	7.96E-06	3.13E+00	3.24E-05	2.69E-03	2.62E-02	7.75E-03	1.75E+00
2057-08-01	31	97.9	49.80	10.9	0.107	15.2	0.108	0.0208	0.00923	5.15E-06	1.39E+00	1.52E-05	2.77E-03	2.75E-02	9.39E-06	1.53E-03	7.97E-06	3.13E+00	3.25E-05	2.69E-03	2.62E-02	7.76E-03	1.75E+00
2057-09-01	31	98.2	49.90	11	0.108	15.2	0.109	0.0209	0.00926	5.16E-06	1.39E+00	1.52E-05	2.78E-03	2.75E-02	9.40E-06	1.53E-03	7.99E-06	3.14E+00	3.25E-05	2.69E-03	2.62E-02	7.78E-03	1.75E+00
2057-10-01	31	97.6	49.60	10.9	0.107	15.1	0.108	0.0207	0.0092	5.14E-06	1.39E+00	1.52E-05	2.76E-03	2.74E-02	9.38E-06	1.53E-03	7.96E-06	3.12E+00	3.23E-05	2.69E-03	2.62E-02	7.74E-03	1.75E+00
2057-11-01	31	97.3	49.40	10.9	0.107	15.1	0.108	0.0207	0.00917	5.13E-06	1.39E+00	1.52E-05	2.75E-03	2.73E-02	9.37E-06	1.52E-03	7.94E-06	3.12E+00	3.22E-05	2.69E-03	2.62E-02	7.72E-03	1.75E+00
2057-12-01	31	97.1	49.30	10.9	0.106	15	0.108	0.0206	0.00915	5.12E-06	1.39E+00	1.52E-05	2.75E-03	2.73E-02	9.37E-06	1.52E-03	7.94E-06	3.12E+00	3.22E-05	2.69E-03	2.62E-02	7.71E-03	1.75E+00
2058-01-01	32	97.1	49.40	10.9	0.107	15	0.108	0.0206	0.00915	5.12E-06	1.39E+00	1.52E-05	2.75E-03	2.73E-02	9.37E-06	1.52E-03	7.94E-06	3.12E+00	3.22E-05	2.69E-03	2.62E-02	7.72E-03	1.75E+00
2058-02-01	32	96.5	49.00	10.8	0.106	14.9	0.107	0.0207	0.00909	5.13E-06	1.39E+00	1.52E-05	2.73E-03	2.74E-02	9.37E-06	1.51E-03	7.94E-06	3.11E+00	3.20E-05	2.68E-03	2.62E-02	7.68E-03	1.75E+00
2058-03-01	32	95.5	48.50	10.7	0.105	14.8	0.106	0.0207	0.009	5.13E-06	1.39E+00	1.52E-05	2.70E-03	2.77E-02	9.38E-06	1.51E-03	7.95E-06	3.10E+00	3.17E-05	2.68E-03	2.62E-02	7.62E-03	1.75E+00
2058-04-01	32	92.4	46.90	10.3	0.101	14.2	0.102	0.0208	0.0087	5.15E-06	1.39E+00	1.52E-05	2.62E-03	2.85E-02	9.38E-06	1.47E-03	7.96E-06	3.06E+00	3.08E-05	2.66E-03	2.62E-02	7.45E-03	1.75E+00
2058-05-01	32	88.8	45.10	9.92	0.0964	13.6	0.0975	0.0207	0.00836	5.13E-06	1.39E+00	1.52E-05	2.52E-03	2.90E-02	9.37E-06	1.44E-03	7.95E-06	3.01E+00	2.96E-05	2.64E-03	2.62E-02	7.24E-03	1.75E+00
2058-06-01	32	88.6	45.00	9.9	0.0962	13.6	0.0973	0.0207	0.00835	5.13E-06	1.39E+00	1.52E-05	2.52E-03	2.91E-02	9.37E-06	1.44E-03	7.95E-06	3.01E+00	2.96E-05	2.64E-03	2.62E-02	7.23E-03	1.75E+00
2058-07-01	32	88.9	45.20	9.93	0.0965	13.6	0.0976	0.0208	0.00838	5.14E-06	1.39E+00	1.52E-05	2.52E-03	2.92E-02	9.38E-06	1.44E-03	7.96E-06	3.01E+00	2.97E-05	2.65E-03	2.62E-02	7.25E-03	1.75E+00
2058-08-01	32	89.1	45.30	9.96	0.0967	13.7	0.0978	0.0208	0.0084	5.15E-06	1.39E+00	1.52E-05	2.53E-03	2.92E-02	9.39E-06	1.44E-03	7.97E-06	3.02E+00	2.98E-05	2.65E-03	2.62E-02	7.26E-03	1.75E+00
2058-09-01	32	89.4	45.40	9.99	0.097	13.7	0.0981	0.0209	0.00842	5.16E-06	1.39E+00	1.52E-05	2.54E-03	2.93E-02	9.40E-06	1.44E-03	7.99E-06	3.02E+00	2.98E-05	2.65E-03	2.62E-02	7.28E-03	1.75E+00
2058-10-01	32	88.8	45.10	9.92	0.0964	13.6	0.0975	0.0207	0.00837	5.14E-06	1.39E+00	1.52E-05	2.52E-03	2.91E-02	9.38E-06	1.44E-03	7.96E-06	3.01E+00	2.97E-05	2.65E-03	2.62E-02	7.24E-03	1.75E+00
2058-11-01	32	88.5	45.00	9.89	0.0961	13.6	0.0971	0.0207	0.00834	5.13E-06	1.39E+00	1.52E-05	2.51E-03	2.90E-02	9.37E-06	1.44E-03	7.94E-06	3.01E+00	2.96E-05	2.64E-03	2.62E-02	7.23E-03	1.75E+00
2058-12-01	32	88.3	44.90	9.87	0.0959	13.5	0.097	0.0206	0.00832	5.12E-06	1.39E+00	1.52E-05	2.51E-03	2.90E-02	9.37E-06	1.43E-03	7.94E-06	3.00E+00	2.95E-05	2.64E-03	2.62E-02	7.22E-03	1.75E+00
2059-01-01	33	88.4	44.90	9.88	0.0959	13.6	0.097	0.0206	0.00833	5.12E-06	1.39E+00	1.52E-05	2.51E-03	2.90E-02	9.37E-06	1.43E-03	7.94E-06	3.01E+00	2.95E-05	2.64E-03	2.62E-02	7.22E-03	1.75E+00
2059-02-01	33	87.7	44.60	9.8	0.0951	13.4	0.0962	0.0207	0.00826	5.13E-06	1.39E+00	1.52E-05	2.49E-03	2.92E-02	9.37E-06	1.43E-03	7.94E-06	3.00E+00	2.93E-05	2.64E-03	2.62E-02	7.18E-03	1.75E+00
2059-03-01	33	86.7	44.10	9.69	0.0939	13.3	0.095	0.0207	0.00817	5.13E-06	1.39E+00	1.52E-05	2.47E-03	2.95E-02	9.38E-06	1.42E-03	7.95E-06	2.99E+00	2.90E-05	2.63E-03	2.62E-02	7.13E-03	1.75E+00
2059-04-01	33	83.5	42.50	9.34	0.09	12.7	0.0911	0.0208	0.00787	5.15E-06	1.39E+00	1.52E-05	2.38E-03	3.05E-02	9.38E-06	1.39E-03	7.96E-06	2.95E+00	2.81E-05	2.62E-03	2.62E-02	6.95E-03	1.75E+00
2059-05-01	33	80	40.70	8.94	0.0858	12.1	0.0869	0.0207	0.00754	5.13E-06	1.39E+00	1.52E-05	2.28E-03	3.12E-02	9.37E-06	1.35E-03	7.95E-06	2.90E+00	2.70E-05	2.60E-03	2.62E-02	6.74E-03	1.75E+00
2059-06-01	33	79.8	40.60	8.92	0.0856	12.1	0.0867	0.0207	0.00752	5.13E-06	1.39E+00	1.52E-0											

Pond_3 10ppmTSS																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2063-06-01	37	44.7	22.70	4.99	0.0432	6.1	0.0443	0.0207	0.00421	5.13E-06	1.39E+00	1.52E-05	1.33E-03	4.78E-02	9.37E-06	1.00E-03	7.95E-06	2.45E+00	1.62E-05	2.42E-03	2.62E-02	4.74E-03	1.75E+00
2063-07-01	37	44.8	22.80	5	0.0433	6.12	0.0444	0.0208	0.00422	5.14E-06	1.39E+00	1.52E-05	1.33E-03	4.80E-02	9.38E-06	1.00E-03	7.96E-06	2.46E+00	1.63E-05	2.42E-03	2.62E-02	4.75E-03	1.75E+00
2063-08-01	37	44.9	22.90	5.02	0.0434	6.14	0.0445	0.0208	0.00423	5.15E-06	1.39E+00	1.52E-05	1.34E-03	4.81E-02	9.39E-06	1.00E-03	7.97E-06	2.46E+00	1.63E-05	2.42E-03	2.62E-02	4.76E-03	1.75E+00
2063-09-01	37	45.1	22.90	5.03	0.0436	6.16	0.0447	0.0209	0.00424	5.16E-06	1.39E+00	1.52E-05	1.34E-03	4.82E-02	9.40E-06	1.00E-03	7.99E-06	2.46E+00	1.63E-05	2.42E-03	2.62E-02	4.77E-03	1.75E+00
2063-10-01	37	44.8	22.80	5	0.0433	6.11	0.0444	0.0207	0.00421	5.14E-06	1.39E+00	1.52E-05	1.33E-03	4.79E-02	9.38E-06	1.00E-03	7.96E-06	2.45E+00	1.62E-05	2.42E-03	2.62E-02	4.75E-03	1.75E+00
2063-11-01	37	44.6	22.70	4.98	0.0431	6.09	0.0442	0.0207	0.0042	5.13E-06	1.39E+00	1.52E-05	1.33E-03	4.78E-02	9.37E-06	1.00E-03	7.94E-06	2.45E+00	1.62E-05	2.42E-03	2.62E-02	4.74E-03	1.75E+00
2063-12-01	37	44.5	22.70	4.97	0.0431	6.08	0.0441	0.0206	0.00419	5.12E-06	1.39E+00	1.52E-05	1.33E-03	4.77E-02	9.37E-06	9.99E-04	7.94E-06	2.45E+00	1.62E-05	2.42E-03	2.62E-02	4.74E-03	1.75E+00
2064-01-01	38	44.6	22.70	4.97	0.0431	6.09	0.0442	0.0206	0.00419	5.12E-06	1.39E+00	1.52E-05	1.33E-03	4.77E-02	9.37E-06	9.99E-04	7.94E-06	2.45E+00	1.62E-05	2.42E-03	2.62E-02	4.74E-03	1.75E+00
2064-02-01	38	43.8	22.30	4.89	0.0422	5.96	0.0433	0.0207	0.00413	5.13E-06	1.39E+00	1.52E-05	1.31E-03	4.86E-02	9.37E-06	9.92E-04	7.94E-06	2.44E+00	1.60E-05	2.42E-03	2.62E-02	4.69E-03	1.75E+00
2064-03-01	38	42.8	21.80	4.78	0.0409	5.78	0.042	0.0207	0.00403	5.13E-06	1.39E+00	1.52E-05	1.28E-03	4.98E-02	9.38E-06	9.82E-04	7.95E-06	2.43E+00	1.56E-05	2.41E-03	2.62E-02	4.64E-03	1.75E+00
2064-04-01	38	39.4	20.10	4.4	0.0368	5.21	0.0379	0.0208	0.00371	5.15E-06	1.39E+00	1.52E-05	1.19E-03	5.36E-02	9.38E-06	9.48E-04	7.96E-06	2.39E+00	1.46E-05	2.39E-03	2.62E-02	4.45E-03	1.75E+00
2064-05-01	38	36.1	18.30	4.02	0.0328	4.63	0.0339	0.0207	0.00339	5.13E-06	1.39E+00	1.52E-05	1.10E-03	5.68E-02	9.37E-06	9.15E-04	7.95E-06	2.34E+00	1.36E-05	2.38E-03	2.62E-02	4.25E-03	1.75E+00
2064-06-01	38	35.9	18.30	4	0.0326	4.6	0.0337	0.0207	0.00338	5.13E-06	1.39E+00	1.52E-05	1.09E-03	5.70E-02	9.37E-06	9.13E-04	7.95E-06	2.34E+00	1.35E-05	2.38E-03	2.62E-02	4.25E-03	1.75E+00
2064-07-01	38	36	18.30	4.02	0.0327	4.62	0.0338	0.0208	0.00339	5.14E-06	1.39E+00	1.52E-05	1.10E-03	5.72E-02	9.38E-06	9.14E-04	7.96E-06	2.34E+00	1.36E-05	2.38E-03	2.62E-02	4.25E-03	1.75E+00
2064-08-01	38	36.1	18.40	4.03	0.0328	4.63	0.0339	0.0208	0.00339	5.15E-06	1.39E+00	1.52E-05	1.10E-03	5.73E-02	9.39E-06	9.15E-04	7.97E-06	2.35E+00	1.36E-05	2.38E-03	2.62E-02	4.26E-03	1.75E+00
2064-09-01	38	36.2	18.40	4.04	0.0329	4.64	0.034	0.0209	0.00341	5.16E-06	1.39E+00	1.52E-05	1.10E-03	5.75E-02	9.40E-06	9.16E-04	7.99E-06	2.35E+00	1.36E-05	2.38E-03	2.62E-02	4.26E-03	1.75E+00
2064-10-01	38	36	18.30	4.01	0.0327	4.61	0.0337	0.0207	0.00338	5.14E-06	1.39E+00	1.52E-05	1.10E-03	5.71E-02	9.38E-06	9.14E-04	7.96E-06	2.34E+00	1.36E-05	2.38E-03	2.62E-02	4.25E-03	1.75E+00
2064-11-01	38	35.8	18.20	4	0.0325	4.6	0.0336	0.0207	0.00337	5.13E-06	1.39E+00	1.52E-05	1.09E-03	5.69E-02	9.37E-06	9.13E-04	7.94E-06	2.34E+00	1.35E-05	2.38E-03	2.62E-02	4.24E-03	1.75E+00
2064-12-01	38	35.8	18.20	3.99	0.0325	4.59	0.0336	0.0206	0.00337	5.12E-06	1.39E+00	1.52E-05	1.09E-03	5.68E-02	9.37E-06	9.12E-04	7.94E-06	2.34E+00	1.35E-05	2.37E-03	2.62E-02	4.24E-03	1.75E+00
2065-01-01	39	35.8	18.20	3.99	0.0325	4.59	0.0336	0.0206	0.00337	5.12E-06	1.39E+00	1.52E-05	1.09E-03	5.68E-02	9.37E-06	9.12E-04	7.94E-06	2.34E+00	1.35E-05	2.38E-03	2.62E-02	4.24E-03	1.75E+00
2065-02-01	39	36.1	18.40	4.02	0.0318	4.49	0.0329	0.0205	0.00339	5.10E-06	1.39E+00	1.52E-05	1.10E-03	5.59E-02	9.35E-06	9.15E-04	7.94E-06	2.34E+00	1.36E-05	2.38E-03	2.62E-02	4.26E-03	1.75E+00
2065-03-01	39	36.5	18.60	4.07	0.0306	4.33	0.0318	0.0203	0.00343	5.07E-06	1.39E+00	1.52E-05	1.11E-03	5.45E-02	9.32E-06	9.19E-04	7.94E-06	2.34E+00	1.38E-05	2.38E-03	2.62E-02	4.28E-03	1.75E+00
2065-04-01	39	38	19.40	4.24	0.0264	3.73	0.0278	0.0193	0.00358	4.96E-06	1.39E+00	1.52E-05	1.15E-03	4.90E-02	9.22E-06	9.34E-04	7.93E-06	2.33E+00	1.44E-05	2.39E-03	2.62E-02	4.38E-03	1.75E+00
2065-05-01	39	40	20.40	4.46	0.0195	2.76	0.0213	0.0177	0.00376	4.74E-06	1.39E+00	1.51E-05	1.21E-03	4.01E-02	9.03E-06	9.53E-04	7.87E-06	2.31E+00	1.52E-05	2.40E-03	2.62E-02	4.50E-03	1.75E+00
2065-06-01	39	40.3	20.50	4.49	0.0186	2.63	0.0204	0.0175	0.00379	4.71E-06	1.39E+00	1.51E-05	1.22E-03	3.89E-02	9.00E-06	9.56E-04	7.86E-06	2.31E+00	1.53E-05	2.40E-03	2.62E-02	4.51E-03	1.75E+00
2065-07-01	39	40.5	20.60	4.51	0.0187	2.64	0.0204	0.0176	0.00381	4.72E-06	1.39E+00	1.51E-05	1.23E-03	3.90E-02	9.01E-06	9.58E-04	7.89E-06	2.32E+00	1.54E-05	2.40E-03	2.62E-02	4.53E-03	1.75E+00
2065-08-01	39	40.6	20.70	4.53	0.0187	2.65	0.0205	0.0176	0.00382	4.74E-06	1.39E+00	1.51E-05	1.23E-03	3.92E-02	9.02E-06	9.60E-04	7.90E-06	2.32E+00	1.54E-05	2.40E-03	2.62E-02	4.54E-03	1.75E+00
2065-09-01	39	40.8	20.80	4.55	0.0188	2.66	0.0206	0.0177	0.00384	4.75E-06	1.39E+00	1.51E-05	1.24E-03	3.94E-02	9.03E-06	9.62E-04	7.92E-06	2.32E+00	1.55E-05	2.40E-03	2.62E-02	4.55E-03	1.75E+00
2065-10-01	39	40.5	20.60	4.51	0.0186	2.63	0.0204	0.0176	0.00381	4.72E-06	1.39E+00	1.51E-05	1.23E-03	3.90E-02	9.01E-06	9.58E-04	7.88E-06	2.32E+00	1.54E-05	2.40E-03	2.62E-02	4.53E-03	1.75E+00
2065-11-01	39	40.2	20.50	4.49	0.0185	2.62	0.0203	0.0175	0.00378	4.70E-06	1.39E+00	1.51E-05	1.22E-03	3.88E-02	9.00E-06	9.56E-04	7.86E						

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium	Zinc mg/L	Phosphorous mg/L
Pond 3 Statistics (Year 4 to Year 42)																						
Minimum		0.1858	0.00139031	28.114	0.03387	0.0008653	0.25	0.2716	0.02844	0.0002539	0.0002406	0.00022151	0.0601839	0.020537	0.045766	0.000002621	0.00174453	0.002719	0.00038547	0.0003677	0.00619	0.02355
P10		0.2204	0.00163031	38.914	0.036204	0.0015553	0.25	0.29956	0.030838	0.0004211	0.0003376	0.00039771	0.0604839	0.035697	0.0458996	0.000003081	0.00306653	0.002873	0.00063967	0.0004127	0.009858	0.03325
Median		0.2804	0.00212031	60.114	0.041	0.0031953	0.2502	0.3479	0.0365	0.0008039	0.0003386	0.00080751	0.0608839	0.071437	0.046215	0.000003091	0.00631453	0.003198	0.00107747	0.0005037	0.01836	0.03335
P90		0.3104	0.00223031	67.814	0.043	0.0038653	0.2507	0.3709	0.0388	0.0009609	0.0003406	0.00096151	0.0614839	0.085277	0.046341	0.000003101	0.00763453	0.003358	0.00127747	0.0005257	0.02186	0.03345
Maximum		0.3134	0.00354031	68.514	0.0432	0.0039053	0.3732	0.3739	0.039	0.0009719	0.0003406	0.00098051	0.1841839	0.086737	0.046351	0.000003101	0.00775453	0.003373	0.00129747	0.0006897	0.02216	0.03355
Monthly Results																						
2027-01-01	1	1.79E-01	2.20E-03	2.61E+01	3.36E-02	4.92E-04	3.11E-01	2.67E-01	2.72E-02	1.73E-04	3.02E-04	1.39E-04	1.21E-01	1.28E-02	4.57E-02	2.92E-06	9.52E-04	2.66E-03	4.07E-04	4.79E-04	4.32E-03	2.96E-02
2027-02-01	1	1.80E-01	2.17E-03	2.62E+01	3.36E-02	5.03E-04	3.09E-01	2.67E-01	2.72E-02	1.75E-04	3.02E-04	1.42E-04	1.19E-01	1.31E-02	4.57E-02	2.92E-06	9.72E-04	2.66E-03	4.05E-04	4.75E-04	4.37E-03	2.96E-02
2027-03-01	1	1.80E-01	2.12E-03	2.65E+01	3.36E-02	5.19E-04	3.05E-01	2.67E-01	2.73E-02	1.78E-04	3.02E-04	1.45E-04	1.15E-01	1.34E-02	4.57E-02	2.92E-06	1.00E-03	2.66E-03	4.03E-04	4.69E-04	4.45E-03	2.97E-02
2027-04-01	1	1.80E-01	1.96E-03	2.72E+01	3.36E-02	5.74E-04	2.93E-01	2.67E-01	2.75E-02	1.89E-04	3.02E-04	1.59E-04	1.03E-01	1.46E-02	4.57E-02	2.91E-06	1.10E-03	2.66E-03	3.94E-04	4.46E-04	4.71E-03	2.98E-02
2027-05-01	1	1.80E-01	1.72E-03	2.79E+01	3.35E-02	6.42E-04	2.76E-01	2.66E-01	2.77E-02	2.03E-04	3.00E-04	1.76E-04	8.64E-02	1.62E-02	4.57E-02	2.89E-06	1.24E-03	2.67E-03	3.78E-04	4.12E-04	5.04E-03	2.96E-02
2027-06-01	1	1.80E-01	1.70E-03	2.79E+01	3.35E-02	6.50E-04	2.75E-01	2.66E-01	2.77E-02	2.05E-04	2.99E-04	1.78E-04	8.46E-02	1.64E-02	4.57E-02	2.88E-06	1.25E-03	2.67E-03	3.77E-04	4.09E-04	5.07E-03	2.96E-02
2027-07-01	1	1.80E-01	1.70E-03	2.80E+01	3.35E-02	6.53E-04	2.75E-01	2.67E-01	2.77E-02	2.06E-04	3.01E-04	1.79E-04	8.49E-02	1.64E-02	4.57E-02	2.89E-06	1.26E-03	2.67E-03	3.78E-04	4.10E-04	5.09E-03	2.97E-02
2027-08-01	1	1.80E-01	1.71E-03	2.81E+01	3.35E-02	6.56E-04	2.75E-01	2.67E-01	2.77E-02	2.06E-04	3.02E-04	1.79E-04	8.52E-02	1.65E-02	4.57E-02	2.90E-06	1.26E-03	2.67E-03	3.80E-04	4.11E-04	5.10E-03	2.98E-02
2027-09-01	1	1.80E-01	1.71E-03	2.82E+01	3.35E-02	6.58E-04	2.75E-01	2.67E-01	2.78E-02	2.07E-04	3.03E-04	1.80E-04	8.56E-02	1.65E-02	4.57E-02	2.90E-06	1.27E-03	2.67E-03	3.81E-04	4.11E-04	5.12E-03	2.99E-02
2027-10-01	1	1.80E-01	1.70E-03	2.80E+01	3.35E-02	6.53E-04	2.75E-01	2.67E-01	2.77E-02	2.05E-04	3.00E-04	1.79E-04	8.49E-02	1.64E-02	4.57E-02	2.89E-06	1.26E-03	2.67E-03	3.78E-04	4.10E-04	5.09E-03	2.97E-02
2027-11-01	1	1.79E-01	1.69E-03	2.79E+01	3.35E-02	6.50E-04	2.74E-01	2.66E-01	2.77E-02	2.05E-04	2.99E-04	1.78E-04	8.44E-02	1.63E-02	4.57E-02	2.88E-06	1.25E-03	2.67E-03	3.76E-04	4.09E-04	5.07E-03	2.96E-02
2027-12-01	1	1.79E-01	1.69E-03	2.79E+01	3.35E-02	6.48E-04	2.74E-01	2.66E-01	2.77E-02	2.04E-04	2.98E-04	1.77E-04	8.42E-02	1.63E-02	4.57E-02	2.88E-06	1.25E-03	2.67E-03	3.75E-04	4.08E-04	5.06E-03	2.95E-02
2028-01-01	2	1.79E-01	1.69E-03	2.79E+01	3.35E-02	6.48E-04	2.74E-01	2.66E-01	2.77E-02	2.04E-04	2.98E-04	1.77E-04	8.43E-02	1.63E-02	4.57E-02	2.88E-06	1.25E-03	2.67E-03	3.75E-04	4.08E-04	5.06E-03	2.95E-02
2028-02-01	2	1.81E-01	1.66E-03	2.81E+01	3.35E-02	6.48E-04	2.72E-01	2.67E-01	2.77E-02	2.04E-04	3.02E-04	1.77E-04	8.22E-02	1.63E-02	4.57E-02	2.90E-06	1.25E-03	2.67E-03	3.71E-04	4.04E-04	5.06E-03	2.99E-02
2028-03-01	2	1.83E-01	1.62E-03	2.84E+01	3.34E-02	6.47E-04	2.69E-01	2.69E-01	2.77E-02	2.04E-04	3.08E-04	1.76E-04	7.93E-02	1.62E-02	4.57E-02	2.93E-06	1.25E-03	2.67E-03	3.64E-04	3.97E-04	5.05E-03	3.04E-02
2028-04-01	2	1.90E-01	1.48E-03	2.95E+01	3.33E-02	6.44E-04	2.60E-01	2.74E-01	2.77E-02	2.02E-04	3.24E-04	1.73E-04	7.00E-02	1.60E-02	4.57E-02	3.02E-06	1.26E-03	2.67E-03	3.42E-04	3.77E-04	5.02E-03	3.20E-02
2028-05-01	2	1.96E-01	1.34E-03	3.03E+01	3.32E-02	6.36E-04	2.51E-01	2.78E-01	2.77E-02	1.99E-04	3.38E-04	1.69E-04	6.08E-02	1.58E-02	4.57E-02	3.08E-06	1.25E-03	2.67E-03	3.20E-04	3.57E-04	4.97E-03	3.33E-02
2028-06-01	2	1.97E-01	1.33E-03	3.03E+01	3.32E-02	6.36E-04	2.50E-01	2.78E-01	2.77E-02	1.99E-04	3.39E-04	1.69E-04	6.03E-02	1.58E-02	4.57E-02	3.09E-06	1.25E-03	2.67E-03	3.19E-04	3.56E-04	4.96E-03	3.34E-02
2028-07-01	2	1.97E-01	1.33E-03	3.04E+01	3.32E-02	6.38E-04	2.50E-01	2.78E-01	2.77E-02	1.99E-04	3.40E-04	1.69E-04	6.05E-02	1.58E-02	4.57E-02	3.09E-06	1.26E-03	2.67E-03	3.20E-04	3.57E-04	4.98E-03	3.35E-02
2028-08-01	2	1.97E-01	1.34E-03	3.05E+01	3.32E-02	6.40E-04	2.51E-01	2.79E-01	2.77E-02	2.00E-04	3.41E-04	1.70E-04	6.07E-02	1.58E-02	4.57E-02	3.10E-06	1.26E-03	2.67E-03	3.20E-04	3.57E-04	4.98E-03	3.35E-02
2028-09-01	2	1.98E-01	1.34E-03	3.06E+01	3.32E-02	6.42E-04	2.51E-01	2.79E-01	2.77E-02	2.00E-04	3.41E-04	1.70E-04	6.09E-02	1.59E-02	4.57E-02	3.10E-06	1.26E-03	2.67E-03	3.21E-04	3.58E-04	4.99E-03	3

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2032-08-01	6	2.35E-01	1.66E-03	4.44E+01	3.68E-02	1.84E-03	2.51E-01	3.10E-01	3.18E-02	4.82E-04	3.41E-04	4.65E-04	6.09E-02	4.16E-02	4.60E-02	3.10E-06	3.63E-03	2.91E-03	6.76E-04	4.20E-04	1.13E-02	3.35E-02
2032-09-01	6	2.35E-01	1.67E-03	4.45E+01	3.68E-02	1.85E-03	2.51E-01	3.10E-01	3.18E-02	4.84E-04	3.41E-04	4.66E-04	6.11E-02	4.17E-02	4.60E-02	3.10E-06	3.64E-03	2.91E-03	6.78E-04	4.21E-04	1.13E-02	3.36E-02
2032-10-01	6	2.34E-01	1.66E-03	4.43E+01	3.67E-02	1.83E-03	2.50E-01	3.09E-01	3.18E-02	4.81E-04	3.39E-04	4.63E-04	6.07E-02	4.15E-02	4.59E-02	3.09E-06	3.62E-03	2.91E-03	6.74E-04	4.19E-04	1.12E-02	3.34E-02
2032-11-01	6	2.34E-01	1.65E-03	4.41E+01	3.67E-02	1.83E-03	2.50E-01	3.09E-01	3.18E-02	4.79E-04	3.38E-04	4.61E-04	6.05E-02	4.13E-02	4.59E-02	3.09E-06	3.60E-03	2.91E-03	6.72E-04	4.18E-04	1.12E-02	3.33E-02
2032-12-01	6	2.34E-01	1.65E-03	4.40E+01	3.67E-02	1.82E-03	2.50E-01	3.09E-01	3.18E-02	4.79E-04	3.38E-04	4.61E-04	6.04E-02	4.13E-02	4.59E-02	3.08E-06	3.60E-03	2.91E-03	6.70E-04	4.18E-04	1.12E-02	3.33E-02
2033-01-01	7	2.34E-01	1.65E-03	4.41E+01	3.67E-02	1.82E-03	2.50E-01	3.09E-01	3.18E-02	4.79E-04	3.38E-04	4.61E-04	6.04E-02	4.13E-02	4.59E-02	3.08E-06	3.60E-03	2.91E-03	6.71E-04	4.18E-04	1.12E-02	3.33E-02
2033-02-01	7	2.34E-01	1.66E-03	4.42E+01	3.68E-02	1.84E-03	2.50E-01	3.09E-01	3.18E-02	4.81E-04	3.38E-04	4.63E-04	6.05E-02	4.15E-02	4.59E-02	3.09E-06	3.62E-03	2.91E-03	6.74E-04	4.19E-04	1.12E-02	3.33E-02
2033-03-01	7	2.35E-01	1.66E-03	4.44E+01	3.68E-02	1.85E-03	2.50E-01	3.10E-01	3.18E-02	4.85E-04	3.39E-04	4.67E-04	6.06E-02	4.19E-02	4.60E-02	3.09E-06	3.65E-03	2.92E-03	6.79E-04	4.20E-04	1.13E-02	3.34E-02
2033-04-01	7	2.38E-01	1.68E-03	4.51E+01	3.70E-02	1.90E-03	2.50E-01	3.12E-01	3.20E-02	4.97E-04	3.40E-04	4.79E-04	6.08E-02	4.29E-02	4.60E-02	3.10E-06	3.75E-03	2.93E-03	6.93E-04	4.23E-04	1.16E-02	3.35E-02
2033-05-01	7	2.39E-01	1.68E-03	4.53E+01	3.71E-02	1.93E-03	2.50E-01	3.13E-01	3.21E-02	5.03E-04	3.39E-04	4.85E-04	6.06E-02	4.35E-02	4.60E-02	3.09E-06	3.81E-03	2.94E-03	7.01E-04	4.24E-04	1.18E-02	3.34E-02
2033-06-01	7	2.39E-01	1.69E-03	4.53E+01	3.71E-02	1.93E-03	2.50E-01	3.13E-01	3.21E-02	5.04E-04	3.39E-04	4.86E-04	6.06E-02	4.35E-02	4.60E-02	3.09E-06	3.81E-03	2.94E-03	7.02E-04	4.24E-04	1.18E-02	3.34E-02
2033-07-01	7	2.40E-01	1.69E-03	4.55E+01	3.71E-02	1.94E-03	2.50E-01	3.14E-01	3.21E-02	5.05E-04	3.40E-04	4.87E-04	6.08E-02	4.36E-02	4.60E-02	3.09E-06	3.83E-03	2.94E-03	7.04E-04	4.25E-04	1.18E-02	3.35E-02
2033-08-01	7	2.40E-01	1.69E-03	4.56E+01	3.71E-02	1.94E-03	2.51E-01	3.14E-01	3.22E-02	5.07E-04	3.41E-04	4.88E-04	6.09E-02	4.37E-02	4.60E-02	3.10E-06	3.84E-03	2.94E-03	7.06E-04	4.25E-04	1.18E-02	3.35E-02
2033-09-01	7	2.40E-01	1.70E-03	4.57E+01	3.71E-02	1.95E-03	2.51E-01	3.14E-01	3.22E-02	5.08E-04	3.41E-04	4.90E-04	6.11E-02	4.39E-02	4.60E-02	3.10E-06	3.85E-03	2.94E-03	7.08E-04	4.26E-04	1.19E-02	3.36E-02
2033-10-01	7	2.39E-01	1.69E-03	4.54E+01	3.71E-02	1.94E-03	2.50E-01	3.14E-01	3.21E-02	5.05E-04	3.39E-04	4.87E-04	6.07E-02	4.36E-02	4.60E-02	3.09E-06	3.82E-03	2.94E-03	7.03E-04	4.24E-04	1.18E-02	3.34E-02
2033-11-01	7	2.39E-01	1.68E-03	4.53E+01	3.71E-02	1.93E-03	2.50E-01	3.13E-01	3.21E-02	5.03E-04	3.38E-04	4.85E-04	6.05E-02	4.35E-02	4.60E-02	3.09E-06	3.81E-03	2.94E-03	7.01E-04	4.24E-04	1.18E-02	3.33E-02
2033-12-01	7	2.39E-01	1.68E-03	4.52E+01	3.71E-02	1.93E-03	2.50E-01	3.13E-01	3.21E-02	5.03E-04	3.38E-04	4.84E-04	6.04E-02	4.34E-02	4.60E-02	3.08E-06	3.80E-03	2.94E-03	7.00E-04	4.23E-04	1.17E-02	3.33E-02
2034-01-01	8	2.39E-01	1.68E-03	4.52E+01	3.71E-02	1.93E-03	2.50E-01	3.13E-01	3.21E-02	5.03E-04	3.38E-04	4.84E-04	6.04E-02	4.34E-02	4.60E-02	3.08E-06	3.80E-03	2.94E-03	7.00E-04	4.23E-04	1.17E-02	3.33E-02
2034-02-01	8	2.39E-01	1.69E-03	4.54E+01	3.71E-02	1.94E-03	2.50E-01	3.13E-01	3.21E-02	5.05E-04	3.38E-04	4.87E-04	6.05E-02	4.37E-02	4.60E-02	3.09E-06	3.82E-03	2.94E-03	7.03E-04	4.24E-04	1.18E-02	3.33E-02
2034-03-01	8	2.39E-01	1.69E-03	4.56E+01	3.71E-02	1.95E-03	2.50E-01	3.14E-01	3.22E-02	5.09E-04	3.39E-04	4.92E-04	6.06E-02	4.40E-02	4.60E-02	3.09E-06	3.85E-03	2.94E-03	7.09E-04	4.25E-04	1.19E-02	3.34E-02
2034-04-01	8	2.40E-01	1.71E-03	4.62E+01	3.73E-02	2.00E-03	2.50E-01	3.14E-01	3.24E-02	5.21E-04	3.40E-04	5.05E-04	6.08E-02	4.52E-02	4.60E-02	3.10E-06	3.94E-03	2.95E-03	7.24E-04	4.28E-04	1.21E-02	3.35E-02
2034-05-01	8	2.40E-01	1.71E-03	4.65E+01	3.73E-02	2.03E-03	2.50E-01	3.14E-01	3.25E-02	5.27E-04	3.39E-04	5.13E-04	6.06E-02	4.59E-02	4.60E-02	3.09E-06	3.99E-03	2.95E-03	7.33E-04	4.29E-04	1.23E-02	3.34E-02
2034-06-01	8	2.40E-01	1.71E-03	4.65E+01	3.73E-02	2.03E-03	2.50E-01	3.15E-01	3.25E-02	5.28E-04	3.39E-04	5.14E-04	6.06E-02	4.59E-02	4.60E-02	3.09E-06	4.00E-03	2.95E-03	7.33E-04	4.29E-04	1.23E-02	3.34E-02
2034-07-01	8	2.40E-01	1.72E-03	4.67E+01	3.74E-02	2.04E-03	2.50E-01	3.15E-01	3.25E-02	5.29E-04	3.40E-04	5.15E-04	6.08E-02	4.60E-02	4.60E-02	3.09E-06	4.01E-03	2.95E-03	7.36E-04	4.30E-04	1.23E-02	3.35E-02
2034-08-01	8	2.41E-01	1.72E-03	4.68E+01	3.74E-02	2.05E-03	2.51E-01	3.15E-01	3.25E-02	5.30E-04	3.41E-04	5.17E-04	6.09E-02	4.62E-02	4.60E-02	3.10E-06	4.02E-					

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2038-10-01	12	2.55E-01	1.90E-03	5.43E+01	3.93E-02	2.71E-03	2.50E-01	3.30E-01	3.48E-02	6.85E-04	3.39E-04	6.89E-04	6.08E-02	6.11E-02	4.61E-02	3.09E-06	5.26E-03	3.08E-03	9.38E-04	4.64E-04	1.58E-02	3.34E-02
2038-11-01	12	2.54E-01	1.89E-03	5.42E+01	3.93E-02	2.70E-03	2.50E-01	3.29E-01	3.48E-02	6.83E-04	3.38E-04	6.87E-04	6.06E-02	6.09E-02	4.61E-02	3.09E-06	5.24E-03	3.08E-03	9.35E-04	4.64E-04	1.57E-02	3.33E-02
2038-12-01	12	2.54E-01	1.89E-03	5.41E+01	3.93E-02	2.70E-03	2.50E-01	3.29E-01	3.48E-02	6.82E-04	3.38E-04	6.86E-04	6.05E-02	6.08E-02	4.61E-02	3.08E-06	5.23E-03	3.08E-03	9.33E-04	4.63E-04	1.57E-02	3.33E-02
2039-01-01	13	2.54E-01	1.89E-03	5.41E+01	3.93E-02	2.70E-03	2.50E-01	3.29E-01	3.48E-02	6.82E-04	3.38E-04	6.86E-04	6.06E-02	6.08E-02	4.61E-02	3.08E-06	5.23E-03	3.08E-03	9.34E-04	4.63E-04	1.57E-02	3.33E-02
2039-02-01	13	2.56E-01	1.90E-03	5.46E+01	3.94E-02	2.74E-03	2.50E-01	3.30E-01	3.49E-02	6.91E-04	3.38E-04	6.96E-04	6.06E-02	6.17E-02	4.61E-02	3.09E-06	5.31E-03	3.08E-03	9.45E-04	4.65E-04	1.59E-02	3.33E-02
2039-03-01	13	2.58E-01	1.92E-03	5.52E+01	3.95E-02	2.79E-03	2.50E-01	3.32E-01	3.51E-02	7.05E-04	3.39E-04	7.10E-04	6.07E-02	6.29E-02	4.61E-02	3.09E-06	5.42E-03	3.10E-03	9.62E-04	4.69E-04	1.62E-02	3.34E-02
2039-04-01	13	2.64E-01	1.97E-03	5.74E+01	4.01E-02	2.97E-03	2.50E-01	3.37E-01	3.57E-02	7.46E-04	3.40E-04	7.55E-04	6.10E-02	6.68E-02	4.62E-02	3.10E-06	5.77E-03	3.13E-03	1.02E-03	4.78E-04	1.72E-02	3.35E-02
2039-05-01	13	2.68E-01	2.01E-03	5.89E+01	4.05E-02	3.11E-03	2.50E-01	3.40E-01	3.62E-02	7.78E-04	3.39E-04	7.89E-04	6.08E-02	6.98E-02	4.62E-02	3.09E-06	6.03E-03	3.16E-03	1.06E-03	4.85E-04	1.79E-02	3.34E-02
2039-06-01	13	2.68E-01	2.01E-03	5.90E+01	4.05E-02	3.12E-03	2.50E-01	3.41E-01	3.62E-02	7.80E-04	3.39E-04	7.91E-04	6.08E-02	7.00E-02	4.62E-02	3.09E-06	6.04E-03	3.16E-03	1.06E-03	4.85E-04	1.79E-02	3.34E-02
2039-07-01	13	2.69E-01	2.01E-03	5.91E+01	4.05E-02	3.13E-03	2.50E-01	3.41E-01	3.63E-02	7.82E-04	3.40E-04	7.93E-04	6.10E-02	7.02E-02	4.62E-02	3.09E-06	6.06E-03	3.16E-03	1.06E-03	4.86E-04	1.80E-02	3.35E-02
2039-08-01	13	2.69E-01	2.02E-03	5.93E+01	4.06E-02	3.13E-03	2.51E-01	3.41E-01	3.63E-02	7.84E-04	3.41E-04	7.95E-04	6.11E-02	7.04E-02	4.62E-02	3.10E-06	6.08E-03	3.16E-03	1.07E-03	4.87E-04	1.80E-02	3.35E-02
2039-09-01	13	2.70E-01	2.02E-03	5.94E+01	4.06E-02	3.14E-03	2.51E-01	3.42E-01	3.63E-02	7.87E-04	3.41E-04	7.98E-04	6.13E-02	7.06E-02	4.62E-02	3.10E-06	6.10E-03	3.17E-03	1.07E-03	4.88E-04	1.80E-02	3.36E-02
2039-10-01	13	2.68E-01	2.01E-03	5.91E+01	4.05E-02	3.12E-03	2.50E-01	3.41E-01	3.63E-02	7.82E-04	3.39E-04	7.93E-04	6.09E-02	7.01E-02	4.62E-02	3.09E-06	6.06E-03	3.16E-03	1.06E-03	4.86E-04	1.79E-02	3.34E-02
2039-11-01	13	2.68E-01	2.01E-03	5.89E+01	4.05E-02	3.11E-03	2.50E-01	3.41E-01	3.62E-02	7.79E-04	3.38E-04	7.90E-04	6.07E-02	6.99E-02	4.62E-02	3.09E-06	6.04E-03	3.16E-03	1.06E-03	4.85E-04	1.79E-02	3.33E-02
2039-12-01	13	2.68E-01	2.00E-03	5.88E+01	4.05E-02	3.11E-03	2.50E-01	3.40E-01	3.62E-02	7.78E-04	3.38E-04	7.89E-04	6.06E-02	6.98E-02	4.62E-02	3.08E-06	6.03E-03	3.16E-03	1.06E-03	4.84E-04	1.79E-02	3.33E-02
2040-01-01	14	2.68E-01	2.00E-03	5.88E+01	4.05E-02	3.11E-03	2.50E-01	3.40E-01	3.62E-02	7.78E-04	3.38E-04	7.89E-04	6.06E-02	6.98E-02	4.62E-02	3.08E-06	6.03E-03	3.16E-03	1.06E-03	4.85E-04	1.79E-02	3.33E-02
2040-02-01	14	2.69E-01	2.01E-03	5.92E+01	4.06E-02	3.14E-03	2.50E-01	3.41E-01	3.63E-02	7.85E-04	3.38E-04	7.96E-04	6.07E-02	7.05E-02	4.62E-02	3.09E-06	6.09E-03	3.16E-03	1.07E-03	4.86E-04	1.80E-02	3.33E-02
2040-03-01	14	2.70E-01	2.03E-03	5.98E+01	4.07E-02	3.18E-03	2.50E-01	3.42E-01	3.65E-02	7.96E-04	3.39E-04	8.08E-04	6.08E-02	7.14E-02	4.62E-02	3.09E-06	6.18E-03	3.17E-03	1.08E-03	4.89E-04	1.83E-02	3.34E-02
2040-04-01	14	2.75E-01	2.07E-03	6.15E+01	4.11E-02	3.32E-03	2.50E-01	3.46E-01	3.70E-02	8.29E-04	3.40E-04	8.42E-04	6.11E-02	7.45E-02	4.62E-02	3.10E-06	6.46E-03	3.20E-03	1.12E-03	4.97E-04	1.90E-02	3.35E-02
2040-05-01	14	2.78E-01	2.09E-03	6.25E+01	4.14E-02	3.42E-03	2.50E-01	3.49E-01	3.73E-02	8.53E-04	3.39E-04	8.67E-04	6.08E-02	7.66E-02	4.63E-02	3.09E-06	6.65E-03	3.22E-03	1.15E-03	5.01E-04	1.95E-02	3.34E-02
2040-06-01	14	2.79E-01	2.09E-03	6.26E+01	4.14E-02	3.43E-03	2.50E-01	3.49E-01	3.73E-02	8.54E-04	3.39E-04	8.68E-04	6.09E-02	7.67E-02	4.63E-02	3.09E-06	6.66E-03	3.22E-03	1.15E-03	5.02E-04	1.95E-02	3.34E-02
2040-07-01	14	2.79E-01	2.10E-03	6.28E+01	4.14E-02	3.44E-03	2.50E-01	3.49E-01	3.74E-02	8.57E-04	3.40E-04	8.71E-04	6.10E-02	7.70E-02	4.63E-02	3.09E-06	6.68E-03	3.22E-03	1.16E-03	5.03E-04	1.96E-02	3.35E-02
2040-08-01	14	2.80E-01	2.10E-03	6.29E+01	4.15E-02	3.45E-03	2.51E-01	3.50E-01	3.74E-02	8.59E-04	3.41E-04	8.74E-04	6.12E-02	7.72E-02	4.63E-02	3.10E-06	6.70E-03	3.22E-03	1.16E-03	5.03E-04	1.96E-02	3.35E-02
2040-09-01	14	2.80E-01	2.11E-03	6.31E+01	4.15E-02	3.46E-03	2.51E-01	3.50E-01	3.74E-02	8.61E-04	3.41E-04	8.76E-04	6.14E-02	7.74E-02	4.63E-02	3.10E-06	6.72E-03	3.22E-03	1.17E-03	5.04E-04	1.97E-02	3.36E-02
2040-10-01	14	2.79E-01	2.10E-03	6.27E+01	4.14E-02	3.44E-03	2.50E-01	3.49E-01	3.74E-02	8.56E-04	3.39E-04	8.70E-04	6.10E-02	7.69E-02	4.63E-02							

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc	Phosphorous
2044-12-01	18	3.03E-01	2.21E-03	6.75E+01	4.28E-02	3.85E-03	2.50E-01	3.66E-01	3.87E-02	9.56E-04	3.38E-04	9.63E-04	6.08E-02	8.52E-02	4.63E-02	3.08E-06	7.57E-03	3.33E-03	1.28E-03	5.24E-04	2.18E-02	3.33E-02
2045-01-01	19	3.03E-01	2.21E-03	6.75E+01	4.29E-02	3.85E-03	2.50E-01	3.66E-01	3.88E-02	9.56E-04	3.38E-04	9.63E-04	6.08E-02	8.52E-02	4.63E-02	3.08E-06	7.57E-03	3.33E-03	1.28E-03	5.24E-04	2.18E-02	3.33E-02
2045-02-01	19	3.03E-01	2.21E-03	6.76E+01	4.29E-02	3.86E-03	2.50E-01	3.66E-01	3.88E-02	9.57E-04	3.38E-04	9.63E-04	6.09E-02	8.53E-02	4.63E-02	3.09E-06	7.58E-03	3.33E-03	1.28E-03	5.24E-04	2.18E-02	3.33E-02
2045-03-01	19	3.04E-01	2.22E-03	6.77E+01	4.29E-02	3.86E-03	2.50E-01	3.67E-01	3.88E-02	9.59E-04	3.39E-04	9.65E-04	6.10E-02	8.54E-02	4.63E-02	3.09E-06	7.60E-03	3.33E-03	1.28E-03	5.25E-04	2.19E-02	3.34E-02
2045-04-01	19	3.06E-01	2.22E-03	6.79E+01	4.30E-02	3.88E-03	2.50E-01	3.69E-01	3.88E-02	9.62E-04	3.40E-04	9.66E-04	6.12E-02	8.56E-02	4.63E-02	3.10E-06	7.64E-03	3.34E-03	1.28E-03	5.26E-04	2.19E-02	3.35E-02
2045-05-01	19	3.07E-01	2.22E-03	6.77E+01	4.29E-02	3.86E-03	2.50E-01	3.69E-01	3.88E-02	9.59E-04	3.39E-04	9.61E-04	6.09E-02	8.51E-02	4.63E-02	3.09E-06	7.61E-03	3.34E-03	1.28E-03	5.25E-04	2.19E-02	3.34E-02
2045-06-01	19	3.07E-01	2.22E-03	6.77E+01	4.29E-02	3.86E-03	2.50E-01	3.69E-01	3.88E-02	9.59E-04	3.39E-04	9.61E-04	6.10E-02	8.51E-02	4.63E-02	3.09E-06	7.61E-03	3.34E-03	1.28E-03	5.25E-04	2.19E-02	3.34E-02
2045-07-01	19	3.07E-01	2.22E-03	6.79E+01	4.30E-02	3.87E-03	2.50E-01	3.69E-01	3.88E-02	9.62E-04	3.40E-04	9.64E-04	6.12E-02	8.54E-02	4.63E-02	3.09E-06	7.64E-03	3.35E-03	1.28E-03	5.26E-04	2.19E-02	3.35E-02
2045-08-01	19	3.08E-01	2.23E-03	6.80E+01	4.30E-02	3.88E-03	2.51E-01	3.70E-01	3.88E-02	9.64E-04	3.41E-04	9.66E-04	6.13E-02	8.56E-02	4.63E-02	3.10E-06	7.66E-03	3.35E-03	1.28E-03	5.27E-04	2.20E-02	3.35E-02
2045-09-01	19	3.08E-01	2.23E-03	6.82E+01	4.31E-02	3.89E-03	2.51E-01	3.70E-01	3.89E-02	9.67E-04	3.41E-04	9.69E-04	6.15E-02	8.59E-02	4.63E-02	3.10E-06	7.68E-03	3.35E-03	1.29E-03	5.28E-04	2.20E-02	3.36E-02
2045-10-01	19	3.07E-01	2.22E-03	6.78E+01	4.30E-02	3.87E-03	2.50E-01	3.69E-01	3.88E-02	9.61E-04	3.39E-04	9.63E-04	6.11E-02	8.53E-02	4.63E-02	3.09E-06	7.63E-03	3.35E-03	1.28E-03	5.26E-04	2.19E-02	3.34E-02
2045-11-01	19	3.06E-01	2.21E-03	6.76E+01	4.29E-02	3.85E-03	2.50E-01	3.69E-01	3.87E-02	9.58E-04	3.38E-04	9.60E-04	6.09E-02	8.50E-02	4.63E-02	3.09E-06	7.60E-03	3.34E-03	1.28E-03	5.24E-04	2.18E-02	3.33E-02
2045-12-01	19	3.06E-01	2.21E-03	6.75E+01	4.29E-02	3.85E-03	2.50E-01	3.68E-01	3.87E-02	9.56E-04	3.38E-04	9.58E-04	6.08E-02	8.49E-02	4.63E-02	3.08E-06	7.59E-03	3.34E-03	1.27E-03	5.24E-04	2.18E-02	3.33E-02
2046-01-01	20	3.06E-01	2.21E-03	6.75E+01	4.29E-02	3.85E-03	2.50E-01	3.68E-01	3.87E-02	9.56E-04	3.38E-04	9.58E-04	6.08E-02	8.49E-02	4.63E-02	3.08E-06	7.59E-03	3.34E-03	1.27E-03	5.24E-04	2.18E-02	3.33E-02
2046-02-01	20	3.07E-01	2.21E-03	6.76E+01	4.29E-02	3.85E-03	2.50E-01	3.69E-01	3.87E-02	9.58E-04	3.38E-04	9.59E-04	6.09E-02	8.50E-02	4.63E-02	3.09E-06	7.61E-03	3.34E-03	1.28E-03	5.24E-04	2.18E-02	3.33E-02
2046-03-01	20	3.07E-01	2.22E-03	6.77E+01	4.30E-02	3.86E-03	2.50E-01	3.69E-01	3.88E-02	9.60E-04	3.39E-04	9.61E-04	6.10E-02	8.52E-02	4.63E-02	3.09E-06	7.63E-03	3.35E-03	1.28E-03	5.25E-04	2.19E-02	3.34E-02
2046-04-01	20	3.10E-01	2.23E-03	6.80E+01	4.31E-02	3.88E-03	2.50E-01	3.71E-01	3.88E-02	9.65E-04	3.40E-04	9.65E-04	6.12E-02	8.55E-02	4.63E-02	3.10E-06	7.67E-03	3.35E-03	1.28E-03	5.27E-04	2.20E-02	3.35E-02
2046-05-01	20	3.10E-01	2.22E-03	6.78E+01	4.30E-02	3.87E-03	2.50E-01	3.71E-01	3.88E-02	9.63E-04	3.39E-04	9.61E-04	6.10E-02	8.52E-02	4.63E-02	3.09E-06	7.66E-03	3.36E-03	1.28E-03	5.26E-04	2.19E-02	3.34E-02
2046-06-01	20	3.10E-01	2.22E-03	6.79E+01	4.31E-02	3.87E-03	2.50E-01	3.71E-01	3.88E-02	9.63E-04	3.39E-04	9.61E-04	6.10E-02	8.52E-02	4.63E-02	3.09E-06	7.66E-03	3.36E-03	1.28E-03	5.26E-04	2.20E-02	3.34E-02
2046-07-01	20	3.11E-01	2.23E-03	6.81E+01	4.31E-02	3.89E-03	2.50E-01	3.72E-01	3.88E-02	9.66E-04	3.40E-04	9.64E-04	6.12E-02	8.55E-02	4.63E-02	3.09E-06	7.69E-03	3.36E-03	1.28E-03	5.27E-04	2.20E-02	3.35E-02
2046-08-01	20	3.11E-01	2.23E-03	6.82E+01	4.31E-02	3.90E-03	2.51E-01	3.72E-01	3.89E-02	9.68E-04	3.41E-04	9.67E-04	6.13E-02	8.57E-02	4.63E-02	3.10E-06	7.71E-03	3.36E-03	1.29E-03	5.28E-04	2.21E-02	3.35E-02
2046-09-01	20	3.12E-01	2.24E-03	6.84E+01	4.32E-02	3.91E-03	2.51E-01	3.73E-01	3.89E-02	9.71E-04	3.41E-04	9.70E-04	6.15E-02	8.60E-02	4.64E-02	3.10E-06	7.73E-03	3.36E-03	1.29E-03	5.29E-04	2.21E-02	3.36E-02
2046-10-01	20	3.11E-01	2.23E-03	6.80E+01	4.31E-02	3.88E-03	2.50E-01	3.72E-01	3.88E-02	9.65E-04	3.39E-04	9.63E-04	6.11E-02	8.54E-02	4.63E-02	3.09E-06	7.68E-03	3.36E-03	1.28E-03	5.27E-04	2.20E-02	3.34E-02
2046-11-01	20	3.10E-01	2.22E-03	6.78E+01	4.30E-02	3.87E-03	2.50E-01	3.71E-01	3.88E-02	9.62E-04	3.38E-04	9.60E-04	6.09E-02	8.51E-02	4.63E-02	3.09E-06	7.65E-03	3.35E-03	1.28E-03	5.25E-04	2.19E-02	3.33E-02
2046-12-01	20	3.10E-01	2.22E-03	6.77E+01	4.30E-02	3.86E-03	2.50E-01	3.71E-01	3.88E-02	9.60E-04	3.38E-04	9.58E-04	6.08E-02	8.50E-02	4.63E-02	3.						

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2051-02-01	25	3.00E-01	2.14E-03	6.43E+01	4.21E-02	3.56E-03	2.50E-01	3.63E-01	3.77E-02	8.90E-04	3.38E-04	8.85E-04	6.08E-02	7.85E-02	4.63E-02	3.09E-06	7.06E-03	3.29E-03	1.19E-03	5.09E-04	2.03E-02	3.33E-02
2051-03-01	25	3.00E-01	2.14E-03	6.43E+01	4.21E-02	3.56E-03	2.50E-01	3.63E-01	3.77E-02	8.90E-04	3.39E-04	8.84E-04	6.09E-02	7.85E-02	4.63E-02	3.09E-06	7.05E-03	3.29E-03	1.19E-03	5.10E-04	2.03E-02	3.34E-02
2051-04-01	25	3.00E-01	2.14E-03	6.41E+01	4.21E-02	3.55E-03	2.50E-01	3.63E-01	3.77E-02	8.86E-04	3.40E-04	8.79E-04	6.11E-02	7.81E-02	4.63E-02	3.10E-06	7.02E-03	3.29E-03	1.18E-03	5.09E-04	2.02E-02	3.35E-02
2051-05-01	25	2.99E-01	2.12E-03	6.36E+01	4.20E-02	3.50E-03	2.50E-01	3.61E-01	3.75E-02	8.76E-04	3.39E-04	8.69E-04	6.09E-02	7.72E-02	4.63E-02	3.09E-06	6.94E-03	3.28E-03	1.17E-03	5.07E-04	2.00E-02	3.34E-02
2051-06-01	25	2.99E-01	2.12E-03	6.36E+01	4.20E-02	3.50E-03	2.50E-01	3.61E-01	3.75E-02	8.76E-04	3.39E-04	8.69E-04	6.09E-02	7.72E-02	4.63E-02	3.09E-06	6.94E-03	3.28E-03	1.17E-03	5.07E-04	2.00E-02	3.34E-02
2051-07-01	25	2.99E-01	2.13E-03	6.38E+01	4.20E-02	3.51E-03	2.50E-01	3.62E-01	3.76E-02	8.79E-04	3.40E-04	8.71E-04	6.11E-02	7.74E-02	4.63E-02	3.09E-06	6.97E-03	3.29E-03	1.17E-03	5.08E-04	2.01E-02	3.35E-02
2051-08-01	25	3.00E-01	2.13E-03	6.39E+01	4.20E-02	3.52E-03	2.51E-01	3.62E-01	3.76E-02	8.81E-04	3.41E-04	8.74E-04	6.12E-02	7.76E-02	4.63E-02	3.10E-06	6.98E-03	3.29E-03	1.18E-03	5.08E-04	2.01E-02	3.35E-02
2051-09-01	25	3.00E-01	2.14E-03	6.41E+01	4.21E-02	3.53E-03	2.51E-01	3.63E-01	3.76E-02	8.84E-04	3.41E-04	8.76E-04	6.14E-02	7.78E-02	4.63E-02	3.10E-06	7.00E-03	3.29E-03	1.18E-03	5.09E-04	2.02E-02	3.36E-02
2051-10-01	25	2.99E-01	2.13E-03	6.37E+01	4.20E-02	3.51E-03	2.50E-01	3.62E-01	3.75E-02	8.78E-04	3.39E-04	8.71E-04	6.10E-02	7.73E-02	4.63E-02	3.09E-06	6.96E-03	3.29E-03	1.17E-03	5.07E-04	2.01E-02	3.34E-02
2051-11-01	25	2.98E-01	2.12E-03	6.35E+01	4.20E-02	3.50E-03	2.50E-01	3.61E-01	3.75E-02	8.75E-04	3.38E-04	8.68E-04	6.08E-02	7.71E-02	4.63E-02	3.09E-06	6.93E-03	3.28E-03	1.17E-03	5.06E-04	2.00E-02	3.33E-02
2051-12-01	25	2.98E-01	2.12E-03	6.34E+01	4.19E-02	3.49E-03	2.50E-01	3.61E-01	3.75E-02	8.74E-04	3.38E-04	8.66E-04	6.07E-02	7.69E-02	4.63E-02	3.08E-06	6.92E-03	3.28E-03	1.17E-03	5.06E-04	2.00E-02	3.33E-02
2052-01-01	26	2.98E-01	2.12E-03	6.34E+01	4.19E-02	3.49E-03	2.50E-01	3.61E-01	3.75E-02	8.74E-04	3.38E-04	8.67E-04	6.07E-02	7.70E-02	4.63E-02	3.08E-06	6.92E-03	3.28E-03	1.17E-03	5.06E-04	2.00E-02	3.33E-02
2052-02-01	26	2.98E-01	2.12E-03	6.35E+01	4.20E-02	3.50E-03	2.50E-01	3.61E-01	3.75E-02	8.75E-04	3.38E-04	8.67E-04	6.08E-02	7.71E-02	4.63E-02	3.09E-06	6.93E-03	3.28E-03	1.17E-03	5.06E-04	2.00E-02	3.33E-02
2052-03-01	26	2.99E-01	2.12E-03	6.36E+01	4.20E-02	3.51E-03	2.50E-01	3.62E-01	3.75E-02	8.77E-04	3.39E-04	8.69E-04	6.09E-02	7.72E-02	4.63E-02	3.09E-06	6.95E-03	3.29E-03	1.17E-03	5.07E-04	2.00E-02	3.34E-02
2052-04-01	26	3.00E-01	2.13E-03	6.39E+01	4.20E-02	3.52E-03	2.50E-01	3.63E-01	3.76E-02	8.81E-04	3.40E-04	8.73E-04	6.11E-02	7.75E-02	4.63E-02	3.10E-06	6.98E-03	3.29E-03	1.18E-03	5.08E-04	2.01E-02	3.35E-02
2052-05-01	26	3.00E-01	2.12E-03	6.37E+01	4.20E-02	3.51E-03	2.50E-01	3.62E-01	3.75E-02	8.78E-04	3.39E-04	8.70E-04	6.09E-02	7.73E-02	4.63E-02	3.09E-06	6.96E-03	3.29E-03	1.17E-03	5.07E-04	2.01E-02	3.34E-02
2052-06-01	26	3.00E-01	2.12E-03	6.37E+01	4.20E-02	3.51E-03	2.50E-01	3.62E-01	3.75E-02	8.78E-04	3.39E-04	8.70E-04	6.09E-02	7.73E-02	4.63E-02	3.09E-06	6.96E-03	3.29E-03	1.17E-03	5.07E-04	2.01E-02	3.34E-02
2052-07-01	26	3.00E-01	2.13E-03	6.39E+01	4.21E-02	3.52E-03	2.50E-01	3.63E-01	3.76E-02	8.81E-04	3.40E-04	8.73E-04	6.11E-02	7.75E-02	4.63E-02	3.09E-06	6.98E-03	3.29E-03	1.18E-03	5.08E-04	2.01E-02	3.35E-02
2052-08-01	26	3.01E-01	2.13E-03	6.40E+01	4.21E-02	3.53E-03	2.51E-01	3.63E-01	3.76E-02	8.83E-04	3.41E-04	8.75E-04	6.13E-02	7.77E-02	4.63E-02	3.10E-06	7.00E-03	3.30E-03	1.18E-03	5.09E-04	2.02E-02	3.35E-02
2052-09-01	26	3.01E-01	2.14E-03	6.42E+01	4.21E-02	3.54E-03	2.51E-01	3.64E-01	3.76E-02	8.85E-04	3.41E-04	8.77E-04	6.14E-02	7.80E-02	4.63E-02	3.10E-06	7.02E-03	3.30E-03	1.18E-03	5.10E-04	2.02E-02	3.36E-02
2052-10-01	26	3.00E-01	2.13E-03	6.38E+01	4.20E-02	3.52E-03	2.50E-01	3.63E-01	3.76E-02	8.80E-04	3.39E-04	8.72E-04	6.10E-02	7.75E-02	4.63E-02	3.09E-06	6.97E-03	3.29E-03	1.17E-03	5.08E-04	2.01E-02	3.34E-02
2052-11-01	26	2.99E-01	2.12E-03	6.36E+01	4.20E-02	3.51E-03	2.50E-01	3.62E-01	3.75E-02	8.77E-04	3.38E-04	8.69E-04	6.08E-02	7.72E-02	4.63E-02	3.09E-06	6.95E-03	3.29E-03	1.17E-03	5.07E-04	2.00E-02	3.33E-02
2052-12-01	26	2.99E-01	2.12E-03	6.35E+01	4.20E-02	3.50E-03	2.50E-01	3.62E-01	3.75E-02	8.75E-04	3.38E-04	8.67E-04	6.07E-02	7.71E-02	4.63E-02	3.08E-06	6.94E-03	3.29E-03	1.17E-03	5.06E-04	2.00E-02	3.33E-02
2053-01-01	27	2.99E-01	2.12E-03	6.35E+01	4.20E-02	3.50E-03	2.50E-01	3.62E-01	3.75E-02	8.76E-04	3.38E-04	8.68E-04	6.07E-02	7.71E-02	4.63E-02	3.08E-06	6.94E-03	3.29E-03	1.17E-03	5.06E-04	2.00E-02	3.33E-02
2053-02-01	27	3.00E-01	2.12E-03	6.37E+01	4.20E-02	3.52E-03	2.50E-01	3.63E-01	3.76E-02	8.80E-04	3.38E-04	8.72E-04	6.08E-02	7.74E-02	4.63E-02							

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
2057-04-01	31	3.07E-01	2.20E-03	6.68E+01	4.28E-02	3.78E-03	2.50E-01	3.69E-01	3.85E-02	9.41E-04	3.40E-04	9.38E-04	6.12E-02	8.32E-02	4.63E-02	3.10E-06	7.47E-03	3.35E-03	1.25E-03	5.21E-04	2.15E-02	3.35E-02
2057-05-01	31	3.05E-01	2.18E-03	6.62E+01	4.27E-02	3.73E-03	2.50E-01	3.67E-01	3.83E-02	9.29E-04	3.39E-04	9.25E-04	6.09E-02	8.21E-02	4.63E-02	3.09E-06	7.36E-03	3.34E-03	1.24E-03	5.18E-04	2.12E-02	3.34E-02
2057-06-01	31	3.05E-01	2.18E-03	6.62E+01	4.27E-02	3.72E-03	2.50E-01	3.67E-01	3.83E-02	9.28E-04	3.39E-04	9.25E-04	6.09E-02	8.21E-02	4.63E-02	3.09E-06	7.36E-03	3.34E-03	1.24E-03	5.18E-04	2.12E-02	3.34E-02
2057-07-01	31	3.05E-01	2.19E-03	6.64E+01	4.27E-02	3.74E-03	2.50E-01	3.68E-01	3.83E-02	9.31E-04	3.40E-04	9.28E-04	6.11E-02	8.23E-02	4.63E-02	3.09E-06	7.39E-03	3.34E-03	1.24E-03	5.19E-04	2.12E-02	3.35E-02
2057-08-01	31	3.06E-01	2.19E-03	6.65E+01	4.27E-02	3.75E-03	2.51E-01	3.68E-01	3.84E-02	9.33E-04	3.41E-04	9.30E-04	6.13E-02	8.25E-02	4.63E-02	3.10E-06	7.40E-03	3.34E-03	1.24E-03	5.20E-04	2.13E-02	3.35E-02
2057-09-01	31	3.07E-01	2.20E-03	6.67E+01	4.28E-02	3.76E-03	2.51E-01	3.69E-01	3.84E-02	9.36E-04	3.41E-04	9.33E-04	6.15E-02	8.28E-02	4.63E-02	3.10E-06	7.43E-03	3.34E-03	1.25E-03	5.21E-04	2.14E-02	3.36E-02
2057-10-01	31	3.05E-01	2.19E-03	6.63E+01	4.27E-02	3.73E-03	2.50E-01	3.67E-01	3.83E-02	9.30E-04	3.39E-04	9.27E-04	6.11E-02	8.22E-02	4.63E-02	3.09E-06	7.38E-03	3.34E-03	1.24E-03	5.19E-04	2.12E-02	3.34E-02
2057-11-01	31	3.05E-01	2.18E-03	6.61E+01	4.26E-02	3.72E-03	2.50E-01	3.67E-01	3.83E-02	9.27E-04	3.38E-04	9.24E-04	6.09E-02	8.20E-02	4.63E-02	3.09E-06	7.35E-03	3.34E-03	1.23E-03	5.18E-04	2.12E-02	3.33E-02
2057-12-01	31	3.04E-01	2.18E-03	6.60E+01	4.26E-02	3.71E-03	2.50E-01	3.67E-01	3.82E-02	9.26E-04	3.38E-04	9.22E-04	6.08E-02	8.18E-02	4.63E-02	3.08E-06	7.34E-03	3.33E-03	1.23E-03	5.17E-04	2.11E-02	3.33E-02
2058-01-01	32	3.04E-01	2.18E-03	6.60E+01	4.26E-02	3.72E-03	2.50E-01	3.67E-01	3.82E-02	9.26E-04	3.38E-04	9.23E-04	6.08E-02	8.19E-02	4.63E-02	3.08E-06	7.34E-03	3.33E-03	1.23E-03	5.17E-04	2.11E-02	3.33E-02
2058-02-01	32	3.03E-01	2.17E-03	6.57E+01	4.26E-02	3.69E-03	2.50E-01	3.66E-01	3.82E-02	9.20E-04	3.38E-04	9.16E-04	6.08E-02	8.13E-02	4.63E-02	3.09E-06	7.29E-03	3.33E-03	1.22E-03	5.16E-04	2.10E-02	3.33E-02
2058-03-01	32	3.02E-01	2.16E-03	6.53E+01	4.24E-02	3.65E-03	2.50E-01	3.65E-01	3.80E-02	9.12E-04	3.39E-04	9.08E-04	6.09E-02	8.05E-02	4.63E-02	3.09E-06	7.22E-03	3.32E-03	1.21E-03	5.14E-04	2.08E-02	3.34E-02
2058-04-01	32	2.98E-01	2.13E-03	6.40E+01	4.21E-02	3.53E-03	2.50E-01	3.62E-01	3.76E-02	8.83E-04	3.40E-04	8.78E-04	6.11E-02	7.80E-02	4.63E-02	3.10E-06	6.98E-03	3.29E-03	1.18E-03	5.09E-04	2.02E-02	3.35E-02
2058-05-01	32	2.93E-01	2.09E-03	6.23E+01	4.16E-02	3.40E-03	2.50E-01	3.57E-01	3.71E-02	8.51E-04	3.39E-04	8.45E-04	6.09E-02	7.50E-02	4.63E-02	3.09E-06	6.71E-03	3.26E-03	1.14E-03	5.01E-04	1.95E-02	3.34E-02
2058-06-01	32	2.92E-01	2.09E-03	6.23E+01	4.16E-02	3.39E-03	2.50E-01	3.57E-01	3.71E-02	8.49E-04	3.39E-04	8.43E-04	6.09E-02	7.49E-02	4.63E-02	3.09E-06	6.70E-03	3.26E-03	1.14E-03	5.01E-04	1.94E-02	3.34E-02
2058-07-01	32	2.93E-01	2.10E-03	6.25E+01	4.17E-02	3.40E-03	2.50E-01	3.58E-01	3.72E-02	8.52E-04	3.40E-04	8.46E-04	6.11E-02	7.51E-02	4.63E-02	3.09E-06	6.72E-03	3.27E-03	1.14E-03	5.02E-04	1.95E-02	3.35E-02
2058-08-01	32	2.94E-01	2.10E-03	6.26E+01	4.17E-02	3.41E-03	2.51E-01	3.58E-01	3.72E-02	8.54E-04	3.41E-04	8.48E-04	6.12E-02	7.53E-02	4.63E-02	3.10E-06	6.74E-03	3.27E-03	1.14E-03	5.02E-04	1.95E-02	3.35E-02
2058-09-01	32	2.94E-01	2.11E-03	6.28E+01	4.17E-02	3.42E-03	2.51E-01	3.58E-01	3.72E-02	8.56E-04	3.41E-04	8.51E-04	6.14E-02	7.55E-02	4.63E-02	3.10E-06	6.76E-03	3.27E-03	1.15E-03	5.03E-04	1.96E-02	3.36E-02
2058-10-01	32	2.93E-01	2.09E-03	6.24E+01	4.17E-02	3.40E-03	2.50E-01	3.57E-01	3.72E-02	8.51E-04	3.39E-04	8.45E-04	6.10E-02	7.51E-02	4.63E-02	3.09E-06	6.71E-03	3.27E-03	1.14E-03	5.01E-04	1.95E-02	3.34E-02
2058-11-01	32	2.92E-01	2.09E-03	6.22E+01	4.16E-02	3.39E-03	2.50E-01	3.57E-01	3.71E-02	8.48E-04	3.38E-04	8.42E-04	6.08E-02	7.48E-02	4.63E-02	3.09E-06	6.69E-03	3.26E-03	1.14E-03	5.00E-04	1.94E-02	3.33E-02
2058-12-01	32	2.92E-01	2.08E-03	6.21E+01	4.16E-02	3.38E-03	2.50E-01	3.57E-01	3.71E-02	8.47E-04	3.38E-04	8.41E-04	6.07E-02	7.47E-02	4.63E-02	3.08E-06	6.68E-03	3.26E-03	1.13E-03	5.00E-04	1.94E-02	3.33E-02
2059-01-01	33	2.92E-01	2.08E-03	6.21E+01	4.16E-02	3.38E-03	2.50E-01	3.57E-01	3.71E-02	8.47E-04	3.38E-04	8.41E-04	6.07E-02	7.47E-02	4.63E-02	3.08E-06	6.68E-03	3.26E-03	1.13E-03	5.00E-04	1.94E-02	3.33E-02
2059-02-01	33	2.91E-01	2.08E-03	6.18E+01	4.15E-02	3.36E-03	2.50E-01	3.56E-01	3.70E-02	8.41E-04	3.38E-04	8.35E-04	6.08E-02	7.41E-02	4.62E-02	3.09E-06	6.63E-03	3.26E-03	1.13E-03	4.99E-04	1.92E-02	3.33E-02
2059-03-01	33	2.90E-01	2.07E-03	6.14E+01	4.14E-02	3.32E-03	2.50E-01	3.55E-01	3.69E-02	8.32E-04	3.39E-04	8.26E-04	6.09E-02	7.34E-02	4.62E-02	3.09E-06	6.56E-03	3.25E-03	1.12E-03	4.97E-04	1.91E-02	3.34E-02
2059-04-01	33	2.86E-01	2.04E-03	6.01E+01	4.10E-02	3.20E-03	2.50E-01	3.52E-01	3.65E-02	8.04E												

Pond_3 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2063-06-01	37	2.31E-01	1.63E-03	4.28E+01	3.65E-02	1.72E-03	2.50E-01	3.07E-01	3.14E-02	4.53E-04	3.39E-04	4.34E-04	6.05E-02	3.90E-02	4.59E-02	3.09E-06	3.37E-03	2.90E-03	6.38E-04	4.13E-04	1.06E-02	3.34E-02
2063-07-01	37	2.31E-01	1.63E-03	4.30E+01	3.65E-02	1.72E-03	2.50E-01	3.08E-01	3.14E-02	4.54E-04	3.40E-04	4.36E-04	6.07E-02	3.91E-02	4.59E-02	3.09E-06	3.38E-03	2.90E-03	6.40E-04	4.13E-04	1.06E-02	3.35E-02
2063-08-01	37	2.31E-01	1.63E-03	4.31E+01	3.65E-02	1.73E-03	2.51E-01	3.08E-01	3.14E-02	4.55E-04	3.41E-04	4.37E-04	6.09E-02	3.92E-02	4.59E-02	3.10E-06	3.39E-03	2.90E-03	6.42E-04	4.14E-04	1.07E-02	3.35E-02
2063-09-01	37	2.32E-01	1.64E-03	4.32E+01	3.65E-02	1.73E-03	2.51E-01	3.08E-01	3.14E-02	4.57E-04	3.41E-04	4.38E-04	6.11E-02	3.93E-02	4.59E-02	3.10E-06	3.40E-03	2.90E-03	6.44E-04	4.15E-04	1.07E-02	3.36E-02
2063-10-01	37	2.31E-01	1.63E-03	4.29E+01	3.65E-02	1.72E-03	2.50E-01	3.08E-01	3.14E-02	4.54E-04	3.39E-04	4.35E-04	6.07E-02	3.91E-02	4.59E-02	3.09E-06	3.38E-03	2.90E-03	6.40E-04	4.13E-04	1.06E-02	3.34E-02
2063-11-01	37	2.30E-01	1.62E-03	4.28E+01	3.64E-02	1.72E-03	2.50E-01	3.07E-01	3.14E-02	4.53E-04	3.38E-04	4.34E-04	6.05E-02	3.90E-02	4.59E-02	3.09E-06	3.37E-03	2.90E-03	6.37E-04	4.12E-04	1.06E-02	3.33E-02
2063-12-01	37	2.30E-01	1.62E-03	4.27E+01	3.64E-02	1.71E-03	2.50E-01	3.07E-01	3.14E-02	4.52E-04	3.38E-04	4.33E-04	6.04E-02	3.89E-02	4.59E-02	3.08E-06	3.36E-03	2.90E-03	6.36E-04	4.12E-04	1.06E-02	3.33E-02
2064-01-01	38	2.30E-01	1.62E-03	4.27E+01	3.64E-02	1.71E-03	2.50E-01	3.07E-01	3.14E-02	4.52E-04	3.38E-04	4.33E-04	6.04E-02	3.89E-02	4.59E-02	3.08E-06	3.36E-03	2.90E-03	6.37E-04	4.12E-04	1.06E-02	3.33E-02
2064-02-01	38	2.29E-01	1.62E-03	4.24E+01	3.64E-02	1.69E-03	2.50E-01	3.06E-01	3.13E-02	4.45E-04	3.38E-04	4.26E-04	6.04E-02	3.83E-02	4.59E-02	3.09E-06	3.31E-03	2.89E-03	6.29E-04	4.11E-04	1.04E-02	3.33E-02
2064-03-01	38	2.28E-01	1.61E-03	4.20E+01	3.62E-02	1.65E-03	2.50E-01	3.05E-01	3.11E-02	4.36E-04	3.39E-04	4.17E-04	6.05E-02	3.75E-02	4.59E-02	3.09E-06	3.23E-03	2.88E-03	6.17E-04	4.09E-04	1.02E-02	3.34E-02
2064-04-01	38	2.23E-01	1.57E-03	4.06E+01	3.58E-02	1.52E-03	2.50E-01	3.02E-01	3.07E-02	4.06E-04	3.40E-04	3.86E-04	6.07E-02	3.47E-02	4.59E-02	3.10E-06	2.98E-03	2.86E-03	5.80E-04	4.03E-04	9.56E-03	3.35E-02
2064-05-01	38	2.18E-01	1.54E-03	3.90E+01	3.54E-02	1.39E-03	2.50E-01	2.97E-01	3.02E-02	3.75E-04	3.39E-04	3.54E-04	6.05E-02	3.20E-02	4.59E-02	3.09E-06	2.72E-03	2.83E-03	5.41E-04	3.95E-04	8.88E-03	3.34E-02
2064-06-01	38	2.18E-01	1.53E-03	3.90E+01	3.54E-02	1.38E-03	2.50E-01	2.97E-01	3.02E-02	3.74E-04	3.39E-04	3.52E-04	6.05E-02	3.18E-02	4.59E-02	3.09E-06	2.71E-03	2.83E-03	5.39E-04	3.95E-04	8.85E-03	3.34E-02
2064-07-01	38	2.19E-01	1.54E-03	3.91E+01	3.54E-02	1.39E-03	2.50E-01	2.98E-01	3.02E-02	3.75E-04	3.40E-04	3.53E-04	6.07E-02	3.19E-02	4.59E-02	3.09E-06	2.72E-03	2.83E-03	5.41E-04	3.96E-04	8.87E-03	3.35E-02
2064-08-01	38	2.19E-01	1.54E-03	3.92E+01	3.54E-02	1.39E-03	2.51E-01	2.98E-01	3.02E-02	3.76E-04	3.41E-04	3.54E-04	6.08E-02	3.20E-02	4.59E-02	3.10E-06	2.72E-03	2.83E-03	5.42E-04	3.96E-04	8.89E-03	3.35E-02
2064-09-01	38	2.19E-01	1.55E-03	3.93E+01	3.55E-02	1.39E-03	2.51E-01	2.98E-01	3.03E-02	3.77E-04	3.41E-04	3.55E-04	6.10E-02	3.21E-02	4.59E-02	3.10E-06	2.73E-03	2.83E-03	5.44E-04	3.97E-04	8.91E-03	3.36E-02
2064-10-01	38	2.18E-01	1.54E-03	3.90E+01	3.54E-02	1.39E-03	2.50E-01	2.97E-01	3.02E-02	3.75E-04	3.39E-04	3.53E-04	6.06E-02	3.19E-02	4.59E-02	3.09E-06	2.71E-03	2.83E-03	5.40E-04	3.96E-04	8.86E-03	3.34E-02
2064-11-01	38	2.18E-01	1.53E-03	3.89E+01	3.54E-02	1.38E-03	2.50E-01	2.97E-01	3.02E-02	3.73E-04	3.38E-04	3.52E-04	6.04E-02	3.18E-02	4.59E-02	3.09E-06	2.70E-03	2.83E-03	5.38E-04	3.95E-04	8.84E-03	3.33E-02
2064-12-01	38	2.18E-01	1.53E-03	3.88E+01	3.54E-02	1.38E-03	2.50E-01	2.97E-01	3.02E-02	3.73E-04	3.38E-04	3.51E-04	6.03E-02	3.17E-02	4.59E-02	3.08E-06	2.70E-03	2.83E-03	5.38E-04	3.95E-04	8.82E-03	3.33E-02
2065-01-01	39	2.18E-01	1.53E-03	3.89E+01	3.54E-02	1.38E-03	2.50E-01	2.97E-01	3.02E-02	3.73E-04	3.38E-04	3.52E-04	6.03E-02	3.18E-02	4.59E-02	3.08E-06	2.70E-03	2.83E-03	5.38E-04	3.95E-04	8.83E-03	3.33E-02
2065-02-01	39	2.18E-01	1.57E-03	3.88E+01	3.55E-02	1.39E-03	2.52E-01	2.97E-01	3.02E-02	3.76E-04	3.36E-04	3.54E-04	6.24E-02	3.20E-02	4.59E-02	3.07E-06	2.72E-03	2.83E-03	5.45E-04	4.00E-04	8.89E-03	3.31E-02
2065-03-01	39	2.18E-01	1.62E-03	3.88E+01	3.56E-02	1.41E-03	2.55E-01	2.97E-01	3.03E-02	3.80E-04	3.32E-04	3.58E-04	6.57E-02	3.23E-02	4.59E-02	3.06E-06	2.75E-03	2.83E-03	5.57E-04	4.08E-04	8.98E-03	3.28E-02
2065-04-01	39	2.17E-01	1.81E-03	3.86E+01	3.59E-02	1.46E-03	2.67E-01	2.97E-01	3.05E-02	3.95E-04	3.19E-04	3.73E-04	7.76E-02	3.36E-02	4.59E-02	2.99E-06	2.87E-03	2.85E-03	6.00E-04	4.36E-04	9.31E-03	3.15E-02
2065-05-01	39	2.15E-01	2.10E-03	3.79E+01	3.64E-02	1.54E-03	2.85E-01	2.95E-01	3.08E-02	4.15E-04	2.96E-04	3.92E-04	9.53E-02	3.51E-02	4.59E-02	2.87E-06	3.02E-03	2.87E-03	6.59E-04	4.78E-04	9.73E-03	2.92E-02
2065-06-01	39	2.15E-01	2.14E-03	3.78E+01	3.65E-02	1.55E-03	2.88E-01	2.95E-01	3.08E-02	4.18E-04	2.92E-04	3.95E-04	9.78E-02	3.54E-02	4.59E-02	2.85E-06	3.04E-03	2.87E-03	6.68E-04	4.84E-04	9.80E-03	2.89E-02
2065-07-01	39	2.16E-01	2.15E-03	3.80E+01	3.65E-02	1.56E-03	2.88E-01	2.95E-01	3.08E-02	4.20E-04	2.94E-04	3.97E-04	9.84E-02	3.56E-02	4.59E-02	2.86E-06	3.05E-03	2.88E-03	6.72E-04	4.85E-04	9.84E-03	2.90E-02
2065-08-01	39	2.16E-01	2.16E-03	3.81E+01	3.66E-02	1.56E-03	2.89E-01	2.96E-01	3.09E-02	4.22E-04	2.95E-04	3.99E-04	9.88E-02	3.57E-02	4.59E-02	2.87E-06	3.07E-03	2.88E-03	6.75E-04	4.87E-04	9.87E-03	2.91E-02
2065-09-01	39	2.17E-01	2.17E-03	3.83E+01	3.66E-02	1.57E-03	2.89E-01	2.96E-01	3.09E-02	4.24E-04	2.96E-04	4.00E-04	9.93E-02	3.59E-02	4.59E-02	2.87E-06	3.08E-03	2.88E-03	6.78E-04	4.88E-04	9.91E-03	2.92E-02
2065-10-01	39	2.16E-01	2.15E-03	3.80E+01	3.65E-02	1.56E-03	2.88E-01	2.														

Pond_2 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
Pond 2 Statistics (Year 4 to Year 42)																							
Minimum		0.162	0.083	0.00645	0.000144	0.00431	0.00157	0.00021	0.0000049	5.479E-07	0.457282	5.00175E-06	0.0000561	0.00172	2.3445E-06	0.00019515	1.3433E-06	0.61	7.454E-07	0.00073001	0.00869327	0.0007353	0.577969
P10		21.45	11	1.275	0.02645	1.545	0.123	0.0246	0.000967	0.00000538	0.48305	0.000005205	0.0009588	0.02396	0.000005185	0.000606	0.000007607	11.541	0.000010372	0.000847	0.008869	0.002035	0.6126
Median		63.45	31.9	4.415	0.06205	9.185	0.244	0.0268	0.002635	0.00000548	0.4835	0.000005223	0.0058268	0.03146	0.00000544	0.001756	0.000007832	30.241	0.000021997	0.001026	0.0088815	0.00409	0.61775
P90		149	74.1	7.12	0.155	22.45	0.329	0.0277	0.00484	0.00000557	0.4839	0.000005231	0.0145868	0.04966	0.00000555	0.004371	0.000008497	47.391	0.000047047	0.001329	0.008925	0.007995	0.63545
Maximum		161	80	7.69	0.168	24.5	0.468	0.0278	0.00618	0.00000567	0.4854	0.000005232	0.0158368	0.07161	0.00000556	0.005296	0.000009917	49.741	0.000050647	0.001379	0.009016	0.008615	0.6733
Monthly Results																							
2030-02-01	4	0.162	0.08	0.00645	0.000144	0.00431	0.00157	0.00021	4.90E-06	5.48E-07	4.57E-01	5.00E-06	5.61E-05	1.72E-03	2.34E-06	1.95E-04	1.34E-06	6.10E-01	7.45E-07	7.30E-04	8.69E-03	7.35E-04	5.78E-01
2030-03-01	4	0.426	0.22	0.0169	0.000381	0.0114	0.00414	0.000553	1.29E-05	6.26E-07	4.58E-01	5.00E-06	8.73E-05	2.87E-03	2.38E-06	2.10E-04	1.48E-06	8.86E-01	9.05E-07	7.32E-04	8.70E-03	7.52E-04	5.80E-01
2030-04-01	4	1.69	0.86	0.067	0.00153	0.0455	0.0166	0.0022	5.12E-05	9.99E-07	4.60E-01	5.02E-06	2.37E-04	8.38E-03	2.58E-06	2.81E-04	2.15E-06	2.21E+00	1.67E-06	7.40E-04	8.72E-03	8.32E-04	5.87E-01
2030-05-01	4	6.98	3.57	0.277	0.00641	0.19	0.0696	0.00911	0.000212	2.57E-06	4.69E-01	5.08E-06	8.66E-04	3.15E-02	3.38E-06	5.80E-04	4.98E-06	7.79E+00	4.88E-06	7.72E-04	8.83E-03	1.17E-03	6.19E-01
2030-06-01	4	12.1	6.19	0.481	0.0112	0.333	0.122	0.0158	0.000369	4.09E-06	4.78E-01	5.13E-06	1.48E-03	5.39E-02	4.17E-06	8.71E-04	7.71E-06	1.32E+01	7.98E-06	8.04E-04	8.93E-03	1.49E-03	6.49E-01
2030-07-01	4	14.3	7.32	0.568	0.0134	0.396	0.146	0.0188	0.000437	4.76E-06	4.82E-01	5.16E-06	1.74E-03	6.35E-02	4.51E-06	9.96E-04	8.89E-06	1.56E+01	9.32E-06	8.18E-04	8.98E-03	1.63E-03	6.62E-01
2030-08-01	4	15.4	7.88	0.612	0.0146	0.43	0.158	0.0203	0.000471	5.09E-06	4.84E-01	5.17E-06	1.87E-03	6.83E-02	4.68E-06	1.06E-03	9.48E-06	1.68E+01	9.98E-06	8.25E-04	9.00E-03	1.70E-03	6.69E-01
2030-09-01	4	15.9	8.16	0.633	0.0152	0.447	0.165	0.021	0.000488	5.25E-06	4.85E-01	5.18E-06	1.94E-03	7.06E-02	4.77E-06	1.09E-03	9.77E-06	1.74E+01	1.03E-05	8.28E-04	9.01E-03	1.74E-03	6.72E-01
2030-10-01	4	16.2	8.27	0.642	0.0155	0.457	0.168	0.0213	0.000496	5.33E-06	4.85E-01	5.18E-06	1.96E-03	7.15E-02	4.81E-06	1.10E-03	9.89E-06	1.77E+01	1.04E-05	8.29E-04	9.02E-03	1.75E-03	6.73E-01
2030-11-01	4	16.2	8.29	0.644	0.0157	0.461	0.17	0.0214	0.000498	5.35E-06	4.85E-01	5.18E-06	1.97E-03	7.16E-02	4.82E-06	1.11E-03	9.92E-06	1.78E+01	1.05E-05	8.30E-04	9.02E-03	1.75E-03	6.73E-01
2030-12-01	4	16.2	8.28	0.643	0.0158	0.463	0.171	0.0215	0.000498	5.35E-06	4.85E-01	5.18E-06	1.97E-03	7.16E-02	4.82E-06	1.11E-03	9.92E-06	1.78E+01	1.04E-05	8.30E-04	9.02E-03	1.75E-03	6.73E-01
2031-01-01	5	16.2	8.29	0.643	0.0158	0.464	0.172	0.0215	0.000499	5.35E-06	4.85E-01	5.18E-06	1.97E-03	7.16E-02	4.82E-06	1.11E-03	9.92E-06	1.78E+01	1.04E-05	8.30E-04	9.02E-03	1.75E-03	6.73E-01
2031-02-01	5	16.4	8.38	0.651	0.0157	0.472	0.17	0.0216	0.000504	5.35E-06	4.85E-01	5.18E-06	1.99E-03	7.10E-02	4.84E-06	1.11E-03	9.88E-06	1.80E+01	1.04E-05	8.30E-04	9.01E-03	1.76E-03	6.72E-01
2031-03-01	5	16.7	8.52	0.664	0.0156	0.486	0.167	0.0218	0.000513	5.36E-06	4.85E-01	5.18E-06	2.02E-03	7.02E-02	4.86E-06	1.12E-03	9.83E-06	1.82E+01	1.05E-05	8.30E-04	9.01E-03	1.77E-03	6.71E-01
2031-04-01	5	18	9.17	0.721	0.0151	0.547	0.155	0.0225	0.000552	5.39E-06	4.85E-01	5.19E-06	2.15E-03	6.64E-02	4.95E-06	1.17E-03	9.55E-06	1.93E+01	1.05E-05	8.32E-04	8.99E-03	1.81E-03	6.63E-01
2031-05-01	5	22	11.10	0.889	0.0133	0.731	0.117	0.0248	0.000665	5.44E-06	4.84E-01	5.21E-06	2.55E-03	5.38E-02	5.21E-06	1.32E-03	8.62E-06	2.24E+01	1.04E-05	8.38E-04	8.93E-03	1.94E-03	6.39E-01
2031-06-01	5	23.5	11.80	0.958	0.0124	0.81	0.0971	0.0255	0.000711	5.39E-06	4.83E-01	5.21E-06	2.71E-03	4.70E-02	5.30E-06	1.37E-03	8.07E-06	2.37E+01	1.02E-05	8.39E-04	8.90E-03	1.99E-03	6.27E-01
2031-07-01	5	24.2	12.10	0.984	0.0124	0.838	0.0947	0.026	0.00073	5.44E-06	4.83E-01	5.22E-06	2.78E-03	4.61E-02	5.35E-06	1.40E-03	8.04E-06	2.42E+01	1.03E-05	8.40E-04	8.90E-03	2.01E-03	6.24E-01
2031-08-01	5	24.6	12.30	1	0.0125	0.856	0.0949	0.0264	0.000743	5.50E-06	4.83E-01	5.22E-06	2.82E-03	4.61E-02	5.40E-06	1.42E-03	8.08E-06	2.46E+01	1.04E-05	8.42E-04	8.90E-03	2.03E-03	6.24E-01
2031-09-01	5	25.2	12.60	1.03	0.0128	0.881	0.0973	0.0271	0.000763	5.63E-06	4.84E-01	5.23E-06	2.90E-03	4.70E-02	5.48E-06	1.45E-03	8.23E-06	2.53E+01	1.06E-05	8.45E-04	8.90E-03	2.06E-03	6.25E-01
2031-10-01	5	24.9	12.50	1.01	0.0127	0.871	0.0964	0.0267	0.000753	5.55E-06	4.84E-01	5.22E-06	2.86E-03	4.61E-02	5.43E-06	1.43E-03	8.11E-06	2.50E+01	1.04E-05	8.43E-04	8.90E-03	2.04E-03	6.24E-01
2031-11-01	5	24.6	12.30	1	0.0126	0.865	0.0961	0.0264	0.000745	5.50E-06	4.83E-01	5.22E-06											

Pond_2 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2035-04-01	9	42.3	21.10	1.87	0.0359	4.19	0.126	0.0266	0.00108	5.50E-06	4.83E-01	5.22E-06	4.40E-03	5.95E-02	5.42E-06	1.50E-03	7.96E-06	2.93E+01	1.55E-05	9.10E-04	8.89E-03	2.87E-03	6.21E-01
2035-05-01	9	46.7	23.30	2.09	0.0398	4.73	0.131	0.0265	0.00117	5.48E-06	4.83E-01	5.22E-06	4.80E-03	5.44E-02	5.41E-06	1.57E-03	7.95E-06	3.04E+01	1.68E-05	9.28E-04	8.89E-03	3.08E-03	6.21E-01
2035-06-01	9	48.1	24.00	2.16	0.0411	4.91	0.131	0.026	0.00119	5.40E-06	4.83E-01	5.22E-06	4.92E-03	5.13E-02	5.36E-06	1.59E-03	7.85E-06	3.05E+01	1.72E-05	9.33E-04	8.89E-03	3.15E-03	6.21E-01
2035-07-01	9	49	24.40	2.2	0.0419	5.01	0.133	0.0263	0.00121	5.45E-06	4.83E-01	5.22E-06	5.01E-03	5.13E-02	5.38E-06	1.61E-03	7.91E-06	3.09E+01	1.75E-05	9.37E-04	8.89E-03	3.19E-03	6.21E-01
2035-08-01	9	49.6	24.80	2.23	0.0425	5.09	0.135	0.0265	0.00122	5.50E-06	4.83E-01	5.22E-06	5.08E-03	5.16E-02	5.42E-06	1.62E-03	7.98E-06	3.12E+01	1.77E-05	9.40E-04	8.89E-03	3.22E-03	6.22E-01
2035-09-01	9	51	25.50	2.29	0.0437	5.23	0.139	0.0273	0.00126	5.63E-06	4.84E-01	5.23E-06	5.22E-03	5.29E-02	5.50E-06	1.66E-03	8.16E-06	3.21E+01	1.82E-05	9.46E-04	8.90E-03	3.29E-03	6.23E-01
2035-10-01	9	50.3	25.10	2.26	0.0431	5.16	0.137	0.0268	0.00124	5.56E-06	4.84E-01	5.22E-06	5.15E-03	5.21E-02	5.45E-06	1.64E-03	8.06E-06	3.16E+01	1.80E-05	9.42E-04	8.89E-03	3.26E-03	6.22E-01
2035-11-01	9	49.8	24.90	2.24	0.0427	5.11	0.136	0.0266	0.00123	5.50E-06	4.83E-01	5.22E-06	5.09E-03	5.15E-02	5.42E-06	1.63E-03	7.99E-06	3.13E+01	1.78E-05	9.40E-04	8.89E-03	3.23E-03	6.22E-01
2035-12-01	9	49.6	24.70	2.23	0.0425	5.08	0.135	0.0264	0.00122	5.48E-06	4.83E-01	5.22E-06	5.07E-03	5.13E-02	5.41E-06	1.62E-03	7.95E-06	3.12E+01	1.77E-05	9.39E-04	8.89E-03	3.22E-03	6.21E-01
2036-01-01	10	49.5	24.70	2.23	0.0425	5.08	0.135	0.0264	0.00122	5.48E-06	4.83E-01	5.22E-06	5.07E-03	5.12E-02	5.40E-06	1.62E-03	7.95E-06	3.12E+01	1.77E-05	9.39E-04	8.89E-03	3.22E-03	6.21E-01
2036-02-01	10	49.7	24.80	2.23	0.0427	5.11	0.135	0.0264	0.00122	5.48E-06	4.83E-01	5.22E-06	5.08E-03	5.12E-02	5.41E-06	1.62E-03	7.95E-06	3.12E+01	1.77E-05	9.40E-04	8.89E-03	3.22E-03	6.21E-01
2036-03-01	10	49.9	24.90	2.24	0.0429	5.16	0.136	0.0265	0.00122	5.48E-06	4.83E-01	5.22E-06	5.10E-03	5.11E-02	5.41E-06	1.62E-03	7.95E-06	3.12E+01	1.78E-05	9.41E-04	8.89E-03	3.23E-03	6.21E-01
2036-04-01	10	50.8	25.40	2.28	0.0441	5.36	0.136	0.0266	0.00123	5.50E-06	4.83E-01	5.22E-06	5.19E-03	5.08E-02	5.42E-06	1.63E-03	7.95E-06	3.14E+01	1.80E-05	9.44E-04	8.89E-03	3.28E-03	6.21E-01
2036-05-01	10	53	26.40	2.36	0.0471	5.88	0.137	0.0266	0.00123	5.48E-06	4.83E-01	5.22E-06	5.41E-03	4.93E-02	5.42E-06	1.65E-03	7.87E-06	3.16E+01	1.86E-05	9.51E-04	8.89E-03	3.37E-03	6.19E-01
2036-06-01	10	53.1	26.50	2.36	0.0477	6.02	0.135	0.0262	0.00122	5.40E-06	4.83E-01	5.22E-06	5.42E-03	4.80E-02	5.38E-06	1.63E-03	7.74E-06	3.13E+01	1.86E-05	9.51E-04	8.88E-03	3.37E-03	6.18E-01
2036-07-01	10	53.8	26.80	2.39	0.0484	6.12	0.137	0.0265	0.00123	5.44E-06	4.83E-01	5.22E-06	5.49E-03	4.83E-02	5.41E-06	1.64E-03	7.79E-06	3.16E+01	1.88E-05	9.54E-04	8.88E-03	3.41E-03	6.18E-01
2036-08-01	10	54.3	27.10	2.42	0.049	6.19	0.138	0.0267	0.00124	5.49E-06	4.83E-01	5.22E-06	5.55E-03	4.87E-02	5.44E-06	1.66E-03	7.86E-06	3.19E+01	1.90E-05	9.56E-04	8.88E-03	3.43E-03	6.19E-01
2036-09-01	10	55.2	27.50	2.45	0.0498	6.29	0.141	0.0271	0.00126	5.57E-06	4.84E-01	5.23E-06	5.63E-03	4.94E-02	5.49E-06	1.68E-03	7.96E-06	3.24E+01	1.93E-05	9.60E-04	8.89E-03	3.48E-03	6.19E-01
2036-10-01	10	55.3	27.60	2.46	0.0499	6.31	0.141	0.0272	0.00126	5.58E-06	4.84E-01	5.23E-06	5.65E-03	4.95E-02	5.49E-06	1.68E-03	7.97E-06	3.25E+01	1.93E-05	9.60E-04	8.89E-03	3.48E-03	6.19E-01
2036-11-01	10	54.9	27.40	2.44	0.0496	6.26	0.14	0.027	0.00125	5.54E-06	4.84E-01	5.23E-06	5.60E-03	4.91E-02	5.47E-06	1.67E-03	7.91E-06	3.22E+01	1.92E-05	9.58E-04	8.89E-03	3.46E-03	6.19E-01
2036-12-01	10	54.5	27.20	2.42	0.0492	6.22	0.139	0.0268	0.00124	5.50E-06	4.83E-01	5.22E-06	5.56E-03	4.87E-02	5.45E-06	1.66E-03	7.87E-06	3.20E+01	1.90E-05	9.57E-04	8.88E-03	3.44E-03	6.19E-01
2037-01-01	11	54.4	27.20	2.42	0.0492	6.21	0.139	0.0268	0.00124	5.50E-06	4.83E-01	5.22E-06	5.56E-03	4.87E-02	5.44E-06	1.66E-03	7.86E-06	3.19E+01	1.90E-05	9.57E-04	8.88E-03	3.44E-03	6.19E-01
2037-02-01	11	54.6	27.20	2.43	0.0493	6.23	0.139	0.0268	0.00124	5.50E-06	4.83E-01	5.22E-06	5.57E-03	4.86E-02	5.44E-06	1.66E-03	7.86E-06	3.19E+01	1.91E-05	9.57E-04	8.88E-03	3.45E-03	6.19E-01
2037-03-01	11	54.8	27.30	2.44	0.0495	6.27	0.14	0.0268	0.00125	5.50E-06	4.83E-01	5.22E-06	5.59E-03	4.86E-02	5.45E-06	1.67E-03	7.86E-06	3.19E+01	1.91E-05	9.58E-04	8.88E-03	3.46E-03	6.19E-01
2037-04-01	11	55.6	27.80	2.49	0.0505	6.42	0.14	0.0269	0.00126	5.51E-06	4.83E-01	5.22E-06	5.67E-03	4.84E-02	5.45E-06	1.70E-03	7.87E-06	3.18E+01	1.94E-05	9.61E-04	8.88E-03	3.50E-03	6.19E-01
2037-05-01	11	57.5	28.70	2.6	0.0527	6.79	0.141	0.0268	0.00129	5.49E-06	4.83E-01	5.22E-06	5.84E-03	4.74E-02	5.4.								

Pond_2 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2041-01-01	15	74.8	37.30	3.61	0.0737	10.4	0.165	0.0277	0.0017	5.59E-06	4.84E-01	5.23E-06	7.26E-03	4.43E-02	5.55E-06	2.12E-03	7.76E-06	3.11E+01	2.49E-05	1.04E-03	8.87E-03	4.44E-03	6.14E-01
2041-02-01	15	74.9	37.40	3.62	0.0739	10.4	0.166	0.0277	0.0017	5.59E-06	4.84E-01	5.23E-06	7.27E-03	4.42E-02	5.55E-06	2.13E-03	7.76E-06	3.12E+01	2.49E-05	1.04E-03	8.87E-03	4.44E-03	6.14E-01
2041-03-01	15	75.2	37.50	3.63	0.0742	10.5	0.166	0.0277	0.0017	5.59E-06	4.84E-01	5.23E-06	7.30E-03	4.41E-02	5.55E-06	2.14E-03	7.76E-06	3.12E+01	2.50E-05	1.04E-03	8.87E-03	4.46E-03	6.14E-01
2041-04-01	15	76.4	38.10	3.69	0.0755	10.7	0.167	0.0276	0.00173	5.58E-06	4.84E-01	5.23E-06	7.42E-03	4.34E-02	5.55E-06	2.19E-03	7.75E-06	3.15E+01	2.54E-05	1.05E-03	8.87E-03	4.52E-03	6.14E-01
2041-05-01	15	78.8	39.30	3.81	0.078	11	0.169	0.0272	0.00177	5.51E-06	4.83E-01	5.23E-06	7.66E-03	4.11E-02	5.50E-06	2.30E-03	7.65E-06	3.19E+01	2.61E-05	1.06E-03	8.87E-03	4.63E-03	6.13E-01
2041-06-01	15	78.6	39.20	3.79	0.0778	11	0.168	0.0267	0.00176	5.41E-06	4.83E-01	5.22E-06	7.64E-03	3.98E-02	5.44E-06	2.31E-03	7.53E-06	3.16E+01	2.60E-05	1.05E-03	8.87E-03	4.62E-03	6.13E-01
2041-07-01	15	79.4	39.60	3.83	0.0786	11.1	0.169	0.0269	0.00177	5.45E-06	4.83E-01	5.22E-06	7.72E-03	4.00E-02	5.46E-06	2.33E-03	7.58E-06	3.19E+01	2.62E-05	1.06E-03	8.87E-03	4.66E-03	6.13E-01
2041-08-01	15	80.1	40.00	3.87	0.0794	11.3	0.171	0.0272	0.00179	5.49E-06	4.83E-01	5.23E-06	7.79E-03	4.03E-02	5.49E-06	2.35E-03	7.63E-06	3.22E+01	2.65E-05	1.06E-03	8.87E-03	4.70E-03	6.13E-01
2041-09-01	15	80.8	40.30	3.9	0.08	11.3	0.172	0.0274	0.00181	5.53E-06	4.83E-01	5.23E-06	7.85E-03	4.06E-02	5.51E-06	2.37E-03	7.68E-06	3.25E+01	2.67E-05	1.06E-03	8.87E-03	4.73E-03	6.14E-01
2041-10-01	15	80.7	40.30	3.9	0.08	11.3	0.172	0.0274	0.0018	5.52E-06	4.83E-01	5.23E-06	7.85E-03	4.05E-02	5.51E-06	2.37E-03	7.68E-06	3.24E+01	2.67E-05	1.06E-03	8.87E-03	4.73E-03	6.14E-01
2041-11-01	15	80.7	40.20	3.89	0.08	11.3	0.172	0.0273	0.0018	5.52E-06	4.83E-01	5.23E-06	7.84E-03	4.05E-02	5.51E-06	2.37E-03	7.67E-06	3.24E+01	2.66E-05	1.06E-03	8.87E-03	4.73E-03	6.14E-01
2041-12-01	15	81.9	40.80	3.95	0.0812	11.5	0.175	0.0277	0.00183	5.60E-06	4.84E-01	5.23E-06	7.96E-03	4.10E-02	5.56E-06	2.40E-03	7.77E-06	3.29E+01	2.70E-05	1.07E-03	8.87E-03	4.79E-03	6.14E-01
2042-01-01	16	81.7	40.70	3.94	0.081	11.5	0.175	0.0277	0.00183	5.58E-06	4.84E-01	5.23E-06	7.94E-03	4.09E-02	5.55E-06	2.40E-03	7.75E-06	3.28E+01	2.70E-05	1.07E-03	8.87E-03	4.77E-03	6.14E-01
2042-02-01	16	81.9	40.80	3.96	0.0812	11.5	0.175	0.0277	0.00184	5.58E-06	4.84E-01	5.23E-06	7.95E-03	4.08E-02	5.55E-06	2.40E-03	7.75E-06	3.28E+01	2.70E-05	1.07E-03	8.87E-03	4.79E-03	6.14E-01
2042-03-01	16	82.3	41.00	3.98	0.0815	11.6	0.175	0.0277	0.00185	5.58E-06	4.84E-01	5.23E-06	7.98E-03	4.06E-02	5.55E-06	2.41E-03	7.75E-06	3.29E+01	2.71E-05	1.07E-03	8.87E-03	4.80E-03	6.14E-01
2042-04-01	16	83.8	41.80	4.09	0.083	11.8	0.177	0.0276	0.00192	5.57E-06	4.84E-01	5.23E-06	8.08E-03	3.98E-02	5.54E-06	2.44E-03	7.74E-06	3.30E+01	2.76E-05	1.08E-03	8.87E-03	4.88E-03	6.14E-01
2042-05-01	16	86.9	43.30	4.34	0.086	12.4	0.18	0.0273	0.00207	5.51E-06	4.83E-01	5.23E-06	8.27E-03	3.72E-02	5.50E-06	2.49E-03	7.65E-06	3.29E+01	2.85E-05	1.09E-03	8.87E-03	5.04E-03	6.13E-01
2042-06-01	16	86.7	43.20	4.36	0.0857	12.4	0.179	0.0267	0.00209	5.41E-06	4.83E-01	5.22E-06	8.21E-03	3.57E-02	5.44E-06	2.48E-03	7.52E-06	3.24E+01	2.84E-05	1.09E-03	8.87E-03	5.03E-03	6.13E-01
2042-07-01	16	87.6	43.70	4.41	0.0867	12.5	0.181	0.0269	0.00212	5.45E-06	4.83E-01	5.22E-06	8.30E-03	3.58E-02	5.46E-06	2.50E-03	7.57E-06	3.27E+01	2.87E-05	1.09E-03	8.87E-03	5.08E-03	6.13E-01
2042-08-01	16	88.5	44.10	4.46	0.0875	12.7	0.183	0.0272	0.00214	5.49E-06	4.83E-01	5.23E-06	8.37E-03	3.61E-02	5.49E-06	2.53E-03	7.63E-06	3.30E+01	2.90E-05	1.10E-03	8.87E-03	5.12E-03	6.13E-01
2042-09-01	16	89.2	44.50	4.49	0.0883	12.8	0.184	0.0274	0.00216	5.53E-06	4.83E-01	5.23E-06	8.44E-03	3.64E-02	5.52E-06	2.54E-03	7.68E-06	3.33E+01	2.92E-05	1.10E-03	8.87E-03	5.16E-03	6.14E-01
2042-10-01	16	89.1	44.50	4.49	0.0882	12.8	0.184	0.0274	0.00216	5.52E-06	4.83E-01	5.23E-06	8.44E-03	3.63E-02	5.51E-06	2.54E-03	7.67E-06	3.33E+01	2.92E-05	1.10E-03	8.87E-03	5.16E-03	6.13E-01
2042-11-01	16	89.1	44.40	4.49	0.0882	12.8	0.184	0.0274	0.00216	5.52E-06	4.83E-01	5.23E-06	8.43E-03	3.63E-02	5.51E-06	2.54E-03	7.67E-06	3.32E+01	2.92E-05	1.10E-03	8.87E-03	5.16E-03	6.13E-01
2042-12-01	16	90.3	45.00	4.55	0.0894	12.9	0.187	0.0277	0.00219	5.59E-06	4.84E-01	5.23E-06	8.54E-03	3.67E-02	5.55E-06	2.57E-03	7.75E-06	3.37E+01	2.95E-05	1.10E-03	8.87E-03	5.21E-03	6.14E-01
2043-01-01	17	90	44.90	4.54	0.0891	12.9	0.186	0.0276	0.00218	5.57E-06	4.84E-01	5.23E-06	8.52E-03	3.66E-02	5.54E-06	2.57E-03	7.74E-06	3.36E+01	2.95E-05	1.10E-03	8.87E-03	5.20E-03	6.14E-01
2043-02-01	17	90.2	45.00	4.55	0.0893	12.9	0.187	0.0276	0.00218	5.57E-06	4.84E-01	5.23E-06	8.53E-03	3.66E-02	5.54E-								

Pond_2 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2046-10-01	20	118	58.80	6.11	0.118	17.5	0.224	0.0274	0.00296	5.52E-06	4.83E-01	5.23E-06	1.09E-02	2.85E-02	5.51E-06	3.31E-03	7.66E-06	3.92E+01	3.78E-05	1.22E-03	8.87E-03	6.58E-03	6.13E-01
2046-11-01	20	118	58.80	6.11	0.117	17.5	0.224	0.0274	0.00296	5.52E-06	4.83E-01	5.23E-06	1.09E-02	2.85E-02	5.51E-06	3.31E-03	7.65E-06	3.92E+01	3.78E-05	1.22E-03	8.87E-03	6.58E-03	6.13E-01
2046-12-01	20	119	59.50	6.19	0.119	17.7	0.227	0.0277	0.003	5.58E-06	4.84E-01	5.23E-06	1.10E-02	2.88E-02	5.55E-06	3.35E-03	7.73E-06	3.97E+01	3.83E-05	1.22E-03	8.87E-03	6.65E-03	6.14E-01
2047-01-01	21	119	59.40	6.17	0.119	17.7	0.227	0.0277	0.00299	5.57E-06	4.84E-01	5.23E-06	1.10E-02	2.88E-02	5.55E-06	3.34E-03	7.72E-06	3.96E+01	3.82E-05	1.22E-03	8.87E-03	6.64E-03	6.14E-01
2047-02-01	21	119	59.50	6.18	0.119	17.7	0.227	0.0277	0.00299	5.57E-06	4.84E-01	5.23E-06	1.10E-02	2.88E-02	5.55E-06	3.34E-03	7.72E-06	3.97E+01	3.83E-05	1.22E-03	8.87E-03	6.65E-03	6.13E-01
2047-03-01	21	120	59.70	6.2	0.119	17.7	0.228	0.0277	0.003	5.57E-06	4.84E-01	5.23E-06	1.11E-02	2.87E-02	5.55E-06	3.35E-03	7.72E-06	3.97E+01	3.84E-05	1.23E-03	8.87E-03	6.67E-03	6.14E-01
2047-04-01	21	121	60.30	6.25	0.121	17.9	0.229	0.0276	0.00302	5.57E-06	4.84E-01	5.23E-06	1.12E-02	2.85E-02	5.54E-06	3.37E-03	7.71E-06	4.00E+01	3.87E-05	1.23E-03	8.87E-03	6.72E-03	6.13E-01
2047-05-01	21	123	61.20	6.33	0.123	18.2	0.23	0.0272	0.00302	5.50E-06	4.83E-01	5.23E-06	1.14E-02	2.75E-02	5.50E-06	3.40E-03	7.62E-06	4.02E+01	3.92E-05	1.24E-03	8.87E-03	6.81E-03	6.13E-01
2047-06-01	21	122	60.70	6.27	0.122	18.1	0.228	0.0268	0.00299	5.41E-06	4.83E-01	5.22E-06	1.13E-02	2.69E-02	5.44E-06	3.37E-03	7.51E-06	3.98E+01	3.89E-05	1.23E-03	8.87E-03	6.76E-03	6.12E-01
2047-07-01	21	123	61.30	6.34	0.123	18.3	0.23	0.027	0.00302	5.45E-06	4.83E-01	5.23E-06	1.14E-02	2.71E-02	5.47E-06	3.40E-03	7.57E-06	4.02E+01	3.93E-05	1.24E-03	8.87E-03	6.82E-03	6.13E-01
2047-08-01	21	124	61.90	6.39	0.124	18.4	0.232	0.0272	0.00304	5.49E-06	4.83E-01	5.23E-06	1.15E-02	2.73E-02	5.50E-06	3.43E-03	7.62E-06	4.05E+01	3.97E-05	1.24E-03	8.87E-03	6.88E-03	6.13E-01
2047-09-01	21	125	62.40	6.44	0.125	18.6	0.234	0.0274	0.00307	5.53E-06	4.83E-01	5.23E-06	1.16E-02	2.74E-02	5.52E-06	3.45E-03	7.67E-06	4.09E+01	4.00E-05	1.25E-03	8.87E-03	6.92E-03	6.13E-01
2047-10-01	21	125	62.30	6.44	0.125	18.6	0.234	0.0274	0.00306	5.52E-06	4.83E-01	5.23E-06	1.16E-02	2.74E-02	5.52E-06	3.45E-03	7.66E-06	4.08E+01	3.99E-05	1.25E-03	8.87E-03	6.92E-03	6.13E-01
2047-11-01	21	125	62.20	6.43	0.125	18.6	0.234	0.0274	0.00306	5.52E-06	4.83E-01	5.23E-06	1.16E-02	2.74E-02	5.51E-06	3.45E-03	7.65E-06	4.08E+01	3.99E-05	1.25E-03	8.87E-03	6.91E-03	6.13E-01
2047-12-01	21	126	63.10	6.52	0.127	18.8	0.237	0.0277	0.0031	5.59E-06	4.84E-01	5.23E-06	1.17E-02	2.77E-02	5.56E-06	3.49E-03	7.74E-06	4.13E+01	4.04E-05	1.25E-03	8.87E-03	6.99E-03	6.14E-01
2048-01-01	22	126	62.90	6.5	0.126	18.8	0.237	0.0277	0.00309	5.58E-06	4.84E-01	5.23E-06	1.17E-02	2.77E-02	5.55E-06	3.48E-03	7.72E-06	4.12E+01	4.03E-05	1.25E-03	8.87E-03	6.98E-03	6.13E-01
2048-02-01	22	126	63.00	6.51	0.126	18.8	0.237	0.0277	0.00309	5.58E-06	4.84E-01	5.23E-06	1.17E-02	2.76E-02	5.55E-06	3.49E-03	7.72E-06	4.13E+01	4.04E-05	1.25E-03	8.87E-03	6.99E-03	6.13E-01
2048-03-01	22	127	63.10	6.52	0.127	18.8	0.237	0.0277	0.00309	5.58E-06	4.84E-01	5.23E-06	1.17E-02	2.76E-02	5.55E-06	3.49E-03	7.72E-06	4.13E+01	4.05E-05	1.25E-03	8.87E-03	7.00E-03	6.13E-01
2048-04-01	22	128	63.60	6.55	0.128	18.9	0.238	0.0276	0.00309	5.57E-06	4.84E-01	5.23E-06	1.19E-02	2.74E-02	5.54E-06	3.51E-03	7.71E-06	4.15E+01	4.08E-05	1.26E-03	8.87E-03	7.05E-03	6.13E-01
2048-05-01	22	129	64.20	6.57	0.129	19.1	0.238	0.0272	0.00304	5.49E-06	4.83E-01	5.23E-06	1.20E-02	2.67E-02	5.50E-06	3.52E-03	7.62E-06	4.15E+01	4.11E-05	1.26E-03	8.87E-03	7.10E-03	6.13E-01
2048-06-01	22	128	63.70	6.49	0.128	18.9	0.235	0.0268	0.00298	5.41E-06	4.83E-01	5.22E-06	1.19E-02	2.61E-02	5.44E-06	3.48E-03	7.51E-06	4.10E+01	4.07E-05	1.25E-03	8.87E-03	7.04E-03	6.12E-01
2048-07-01	22	129	64.30	6.56	0.129	19.1	0.237	0.027	0.00301	5.45E-06	4.83E-01	5.23E-06	1.21E-02	2.63E-02	5.47E-06	3.51E-03	7.57E-06	4.14E+01	4.11E-05	1.26E-03	8.87E-03	7.10E-03	6.13E-01
2048-08-01	22	130	64.90	6.61	0.13	19.2	0.239	0.0272	0.00303	5.49E-06	4.83E-01	5.23E-06	1.22E-02	2.65E-02	5.50E-06	3.54E-03	7.62E-06	4.18E+01	4.15E-05	1.26E-03	8.87E-03	7.16E-03	6.13E-01
2048-09-01	22	131	65.40	6.66	0.131	19.4	0.241	0.0274	0.00305	5.53E-06	4.84E-01	5.23E-06	1.22E-02	2.67E-02	5.52E-06	3.57E-03	7.66E-06	4.21E+01	4.18E-05	1.27E-03	8.87E-03	7.21E-03	6.13E-01
2048-10-01	22	131	65.30	6.65	0.131	19.3	0.241	0.0274	0.00305	5.52E-06	4.83E-01	5.23E-06	1.22E-02	2.67E-02	5.52E-06	3.56E-03	7.65E-06	4.20E+01	4.17E-05	1.27E-03	8.87E-03	7.20E-03	6.13E-01
2048-11-01	22	131	65.20	6.64	0.131	19.3	0.241	0.0274	0.00305	5.52E-06	4.83E-01	5.23E-06	1.22E-02	2.66E-02	5.51E-06	3.56E-03	7.65E-06	4.20E+01	4.17E-05	1.27E-03	8.87E-03	7.19E-03	

Pond_2 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2052-07-01	26	149	74.10	6.98	0.155	22.5	0.268	0.0271	0.00269	5.46E-06	4.83E-01	5.23E-06	1.46E-02	2.51E-02	5.48E-06	4.40E-03	7.57E-06	4.74E+01	4.70E-05	1.33E-03	8.87E-03	8.00E-03	6.12E-01
2052-08-01	26	150	74.60	7.03	0.156	22.7	0.27	0.0273	0.0027	5.50E-06	4.83E-01	5.23E-06	1.47E-02	2.53E-02	5.50E-06	4.44E-03	7.61E-06	4.77E+01	4.74E-05	1.33E-03	8.87E-03	8.05E-03	6.13E-01
2052-09-01	26	151	75.10	7.07	0.157	22.8	0.272	0.0275	0.00272	5.53E-06	4.84E-01	5.23E-06	1.48E-02	2.54E-02	5.52E-06	4.47E-03	7.65E-06	4.80E+01	4.77E-05	1.34E-03	8.87E-03	8.10E-03	6.13E-01
2052-10-01	26	151	75.00	7.06	0.157	22.8	0.272	0.0274	0.00272	5.52E-06	4.84E-01	5.23E-06	1.48E-02	2.54E-02	5.52E-06	4.46E-03	7.64E-06	4.79E+01	4.76E-05	1.34E-03	8.87E-03	8.09E-03	6.13E-01
2052-11-01	26	150	74.90	7.05	0.157	22.7	0.272	0.0274	0.00271	5.52E-06	4.83E-01	5.23E-06	1.48E-02	2.53E-02	5.51E-06	4.45E-03	7.63E-06	4.79E+01	4.75E-05	1.34E-03	8.87E-03	8.08E-03	6.13E-01
2052-12-01	26	152	75.60	7.12	0.158	22.9	0.274	0.0276	0.00274	5.56E-06	4.84E-01	5.23E-06	1.49E-02	2.56E-02	5.54E-06	4.49E-03	7.69E-06	4.83E+01	4.80E-05	1.34E-03	8.87E-03	8.15E-03	6.13E-01
2053-01-01	27	152	75.60	7.12	0.158	23	0.274	0.0277	0.00274	5.57E-06	4.84E-01	5.23E-06	1.49E-02	2.56E-02	5.55E-06	4.50E-03	7.70E-06	4.84E+01	4.80E-05	1.34E-03	8.87E-03	8.15E-03	6.13E-01
2053-02-01	27	152	75.70	7.13	0.158	23	0.275	0.0277	0.00274	5.57E-06	4.84E-01	5.23E-06	1.49E-02	2.56E-02	5.55E-06	4.50E-03	7.70E-06	4.84E+01	4.80E-05	1.34E-03	8.87E-03	8.15E-03	6.13E-01
2053-03-01	27	152	75.70	7.13	0.159	23	0.275	0.0277	0.00275	5.57E-06	4.84E-01	5.23E-06	1.50E-02	2.56E-02	5.55E-06	4.52E-03	7.70E-06	4.84E+01	4.81E-05	1.34E-03	8.87E-03	8.16E-03	6.13E-01
2053-04-01	27	153	76.00	7.16	0.159	23.1	0.276	0.0276	0.00275	5.56E-06	4.84E-01	5.23E-06	1.50E-02	2.54E-02	5.54E-06	4.57E-03	7.69E-06	4.85E+01	4.82E-05	1.34E-03	8.87E-03	8.19E-03	6.13E-01
2053-05-01	27	152	75.60	7.13	0.159	23	0.274	0.0272	0.00274	5.48E-06	4.83E-01	5.23E-06	1.50E-02	2.48E-02	5.49E-06	4.64E-03	7.59E-06	4.81E+01	4.79E-05	1.34E-03	8.87E-03	8.15E-03	6.12E-01
2053-06-01	27	150	74.90	7.06	0.157	22.8	0.271	0.0268	0.00272	5.42E-06	4.83E-01	5.22E-06	1.48E-02	2.44E-02	5.45E-06	4.63E-03	7.50E-06	4.75E+01	4.75E-05	1.34E-03	8.87E-03	8.09E-03	6.12E-01
2053-07-01	27	152	75.70	7.14	0.159	23.1	0.274	0.0271	0.00275	5.46E-06	4.83E-01	5.23E-06	1.50E-02	2.46E-02	5.48E-06	4.69E-03	7.56E-06	4.80E+01	4.80E-05	1.34E-03	8.87E-03	8.16E-03	6.12E-01
2053-08-01	27	153	76.20	7.19	0.16	23.2	0.276	0.0273	0.00277	5.50E-06	4.83E-01	5.23E-06	1.51E-02	2.48E-02	5.50E-06	4.72E-03	7.61E-06	4.83E+01	4.83E-05	1.35E-03	8.87E-03	8.22E-03	6.12E-01
2053-09-01	27	154	76.70	7.24	0.161	23.4	0.278	0.0275	0.00279	5.53E-06	4.84E-01	5.23E-06	1.52E-02	2.50E-02	5.53E-06	4.75E-03	7.65E-06	4.87E+01	4.86E-05	1.35E-03	8.87E-03	8.27E-03	6.13E-01
2053-10-01	27	154	76.60	7.22	0.161	23.3	0.278	0.0274	0.00278	5.52E-06	4.84E-01	5.23E-06	1.52E-02	2.49E-02	5.52E-06	4.74E-03	7.64E-06	4.86E+01	4.85E-05	1.35E-03	8.87E-03	8.25E-03	6.13E-01
2053-11-01	27	154	76.50	7.21	0.161	23.3	0.277	0.0274	0.00278	5.52E-06	4.83E-01	5.23E-06	1.52E-02	2.49E-02	5.52E-06	4.74E-03	7.63E-06	4.85E+01	4.85E-05	1.35E-03	8.87E-03	8.24E-03	6.13E-01
2053-12-01	27	155	77.20	7.28	0.162	23.5	0.28	0.0276	0.0028	5.56E-06	4.84E-01	5.23E-06	1.53E-02	2.51E-02	5.55E-06	4.78E-03	7.69E-06	4.90E+01	4.89E-05	1.35E-03	8.87E-03	8.31E-03	6.13E-01
2054-01-01	28	155	77.20	7.29	0.162	23.5	0.28	0.0277	0.0028	5.57E-06	4.84E-01	5.23E-06	1.53E-02	2.51E-02	5.55E-06	4.78E-03	7.69E-06	4.90E+01	4.90E-05	1.35E-03	8.87E-03	8.32E-03	6.13E-01
2054-02-01	28	155	77.30	7.29	0.162	23.6	0.28	0.0277	0.00281	5.57E-06	4.84E-01	5.23E-06	1.53E-02	2.51E-02	5.55E-06	4.79E-03	7.69E-06	4.90E+01	4.90E-05	1.35E-03	8.87E-03	8.32E-03	6.13E-01
2054-03-01	28	155	77.30	7.3	0.162	23.6	0.281	0.0277	0.00281	5.57E-06	4.84E-01	5.23E-06	1.53E-02	2.51E-02	5.55E-06	4.81E-03	7.69E-06	4.91E+01	4.90E-05	1.36E-03	8.87E-03	8.33E-03	6.13E-01
2054-04-01	28	156	77.50	7.32	0.163	23.6	0.281	0.0276	0.00282	5.56E-06	4.84E-01	5.23E-06	1.54E-02	2.50E-02	5.54E-06	4.86E-03	7.69E-06	4.91E+01	4.91E-05	1.36E-03	8.87E-03	8.35E-03	6.13E-01
2054-05-01	28	155	76.90	7.28	0.161	23.5	0.278	0.0272	0.00282	5.48E-06	4.83E-01	5.23E-06	1.53E-02	2.44E-02	5.49E-06	4.92E-03	7.58E-06	4.85E+01	4.87E-05	1.35E-03	8.87E-03	8.29E-03	6.12E-01
2054-06-01	28	153	76.10	7.21	0.16	23.2	0.276	0.0268	0.00279	5.42E-06	4.83E-01	5.22E-06	1.51E-02	2.40E-02	5.45E-06	4.91E-03	7.50E-06	4.80E+01	4.82E-05	1.35E-03	8.87E-03	8.22E-03	6.12E-01
2054-07-01	28	155	76.90	7.29	0.161	23.5	0.279	0.0271	0.00282	5.47E-06	4.83E-01	5.23E-06	1.53E-02	2.42E-02	5.48E-06	4.97E-03	7.56E-06	4.85E+01	4.87E-05	1.35E-03	8.87E-03	8.30E-03	6.12E-01
2054-08-01	28	156	77.50	7.34	0.163	23.6	0.281	0.0273	0.00284	5.50E-06	4.83E-01	5.23E-06	1.54E-02	2.44E-02	5.51E-06	5.00E-03	7.60E-06	4.88E+					

Pond_2 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2058-04-01	32	62.3	31.80	6.82	0.0621	9.96	0.328	0.0249	0.0059	5.39E-06	4.84E-01	5.21E-06	1.98E-03	2.29E-02	5.22E-06	9.58E-04	8.40E-06	1.14E+01	2.25E-05	1.07E-03	8.92E-03	4.39E-03	6.35E-01
2058-05-01	32	59.9	30.60	6.55	0.0604	9.56	0.325	0.0248	0.00568	5.38E-06	4.84E-01	5.21E-06	1.91E-03	2.34E-02	5.21E-06	9.34E-04	8.38E-06	1.13E+01	2.18E-05	1.05E-03	8.92E-03	4.25E-03	6.34E-01
2058-06-01	32	58.1	29.60	6.34	0.0592	9.24	0.322	0.0247	0.0055	5.37E-06	4.84E-01	5.21E-06	1.86E-03	2.38E-02	5.21E-06	9.16E-04	8.36E-06	1.13E+01	2.12E-05	1.05E-03	8.92E-03	4.15E-03	6.34E-01
2058-07-01	32	57.8	29.50	6.32	0.0592	9.2	0.324	0.0249	0.00548	5.40E-06	4.84E-01	5.21E-06	1.86E-03	2.41E-02	5.22E-06	9.15E-04	8.40E-06	1.14E+01	2.11E-05	1.04E-03	8.92E-03	4.13E-03	6.35E-01
2058-08-01	32	58	29.60	6.34	0.0594	9.23	0.326	0.0251	0.0055	5.43E-06	4.84E-01	5.21E-06	1.87E-03	2.43E-02	5.25E-06	9.18E-04	8.46E-06	1.15E+01	2.12E-05	1.05E-03	8.92E-03	4.14E-03	6.35E-01
2058-09-01	32	58.3	29.80	6.37	0.0598	9.28	0.329	0.0253	0.00553	5.47E-06	4.84E-01	5.21E-06	1.88E-03	2.45E-02	5.27E-06	9.22E-04	8.51E-06	1.16E+01	2.13E-05	1.05E-03	8.93E-03	4.16E-03	6.35E-01
2058-10-01	32	57.9	29.50	6.32	0.0594	9.21	0.327	0.0251	0.00549	5.44E-06	4.84E-01	5.21E-06	1.86E-03	2.43E-02	5.25E-06	9.17E-04	8.46E-06	1.15E+01	2.12E-05	1.04E-03	8.92E-03	4.14E-03	6.35E-01
2058-11-01	32	57.4	29.30	6.27	0.059	9.13	0.325	0.0249	0.00544	5.40E-06	4.84E-01	5.21E-06	1.85E-03	2.42E-02	5.23E-06	9.11E-04	8.41E-06	1.14E+01	2.10E-05	1.04E-03	8.92E-03	4.11E-03	6.35E-01
2058-12-01	32	57.1	29.20	6.24	0.0587	9.09	0.323	0.0248	0.00541	5.38E-06	4.84E-01	5.21E-06	1.84E-03	2.40E-02	5.21E-06	9.08E-04	8.37E-06	1.14E+01	2.09E-05	1.04E-03	8.92E-03	4.09E-03	6.34E-01
2059-01-01	33	57.1	29.10	6.23	0.0587	9.08	0.323	0.0248	0.00541	5.38E-06	4.84E-01	5.21E-06	1.84E-03	2.40E-02	5.21E-06	9.07E-04	8.37E-06	1.14E+01	2.09E-05	1.04E-03	8.92E-03	4.09E-03	6.34E-01
2059-02-01	33	57	29.10	6.23	0.0586	9.07	0.323	0.0248	0.0054	5.38E-06	4.84E-01	5.21E-06	1.84E-03	2.41E-02	5.21E-06	9.07E-04	8.37E-06	1.14E+01	2.09E-05	1.04E-03	8.92E-03	4.09E-03	6.34E-01
2059-03-01	33	57	29.10	6.22	0.0586	9.06	0.323	0.0248	0.0054	5.38E-06	4.84E-01	5.21E-06	1.84E-03	2.41E-02	5.22E-06	9.06E-04	8.38E-06	1.14E+01	2.09E-05	1.04E-03	8.92E-03	4.08E-03	6.34E-01
2059-04-01	33	56.5	28.90	6.17	0.0584	8.98	0.324	0.0249	0.00536	5.39E-06	4.84E-01	5.21E-06	1.82E-03	2.44E-02	5.22E-06	9.02E-04	8.39E-06	1.14E+01	2.07E-05	1.04E-03	8.92E-03	4.06E-03	6.34E-01
2059-05-01	33	54.2	27.70	5.91	0.0567	8.59	0.32	0.0248	0.00513	5.38E-06	4.84E-01	5.21E-06	1.76E-03	2.50E-02	5.21E-06	8.79E-04	8.37E-06	1.14E+01	2.00E-05	1.03E-03	8.92E-03	3.93E-03	6.34E-01
2059-06-01	33	52.3	26.70	5.7	0.0555	8.27	0.318	0.0248	0.00496	5.37E-06	4.84E-01	5.21E-06	1.71E-03	2.55E-02	5.21E-06	8.61E-04	8.35E-06	1.14E+01	1.94E-05	1.02E-03	8.92E-03	3.82E-03	6.34E-01
2059-07-01	33	52.1	26.60	5.67	0.0555	8.23	0.32	0.0249	0.00494	5.40E-06	4.84E-01	5.21E-06	1.71E-03	2.58E-02	5.23E-06	8.59E-04	8.39E-06	1.14E+01	1.94E-05	1.01E-03	8.92E-03	3.81E-03	6.34E-01
2059-08-01	33	52.2	26.70	5.69	0.0557	8.25	0.322	0.0251	0.00495	5.43E-06	4.84E-01	5.21E-06	1.71E-03	2.60E-02	5.25E-06	8.62E-04	8.44E-06	1.15E+01	1.94E-05	1.02E-03	8.92E-03	3.82E-03	6.35E-01
2059-09-01	33	52.5	26.80	5.71	0.0561	8.29	0.325	0.0253	0.00498	5.47E-06	4.84E-01	5.21E-06	1.72E-03	2.62E-02	5.27E-06	8.66E-04	8.49E-06	1.16E+01	1.95E-05	1.02E-03	8.92E-03	3.83E-03	6.35E-01
2059-10-01	33	52.1	26.60	5.67	0.0557	8.23	0.323	0.0251	0.00494	5.44E-06	4.84E-01	5.21E-06	1.71E-03	2.61E-02	5.25E-06	8.61E-04	8.45E-06	1.15E+01	1.94E-05	1.01E-03	8.92E-03	3.81E-03	6.35E-01
2059-11-01	33	51.7	26.40	5.62	0.0553	8.16	0.321	0.0249	0.0049	5.40E-06	4.84E-01	5.21E-06	1.69E-03	2.59E-02	5.23E-06	8.56E-04	8.39E-06	1.15E+01	1.92E-05	1.01E-03	8.92E-03	3.78E-03	6.34E-01
2059-12-01	33	51.4	26.20	5.6	0.055	8.12	0.319	0.0248	0.00487	5.38E-06	4.84E-01	5.21E-06	1.69E-03	2.58E-02	5.22E-06	8.52E-04	8.36E-06	1.14E+01	1.91E-05	1.01E-03	8.92E-03	3.77E-03	6.34E-01
2060-01-01	34	51.4	26.20	5.59	0.055	8.11	0.319	0.0248	0.00487	5.38E-06	4.84E-01	5.21E-06	1.69E-03	2.58E-02	5.21E-06	8.52E-04	8.36E-06	1.14E+01	1.91E-05	1.01E-03	8.92E-03	3.77E-03	6.34E-01
2060-02-01	34	51.3	26.20	5.59	0.0549	8.1	0.319	0.0248	0.00486	5.38E-06	4.84E-01	5.21E-06	1.68E-03	2.58E-02	5.22E-06	8.52E-04	8.36E-06	1.14E+01	1.91E-05	1.01E-03	8.92E-03	3.76E-03	6.34E-01
2060-03-01	34	51.2	26.20	5.58	0.0549	8.09	0.319	0.0248	0.00486	5.38E-06	4.84E-01	5.21E-06	1.68E-03	2.59E-02	5.22E-06	8.51E-04	8.37E-06	1.14E+01	1.91E-05	1.01E-03	8.92E-03	3.76E-03	6.34E-01
2060-04-01	34	50.8	25.90	5.53	0.0547	8.01	0.319	0.0249	0.00482	5.39E-06	4.84E-01	5.21E-06	1.67E-03	2.62E-02	5.23E-06	8.47E-04	8.38E-06	1.15E+01	1.90E-05	1.01E-03	8.92E-03	3.73E-03	6.34E-01
2060-05-01	34	48.5	24.70	5.27	0.0531	7.62	0.316	0.0248	0.0046	5.38E-06	4.84E-01	5.21E-06	1.61E-03	2.69E-02	5.22E-06	8.24E-04	8.36E-06	1.14E+01	1.82				

Pond_2 10ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2064-01-01	38	29	14.90	3.09	0.0406	4.34	0.303	0.0249	0.00276	5.38E-06	4.83E-01	5.21E-06	1.09E-03	3.95E-02	5.23E-06	6.37E-04	8.31E-06	1.15E+01	1.23E-05	8.96E-04	8.92E-03	2.50E-03	6.33E-01
2064-02-01	38	29	14.80	3.08	0.0406	4.33	0.303	0.0249	0.00276	5.38E-06	4.83E-01	5.21E-06	1.09E-03	3.96E-02	5.23E-06	6.37E-04	8.32E-06	1.15E+01	1.22E-05	8.96E-04	8.92E-03	2.49E-03	6.33E-01
2064-03-01	38	28.9	14.80	3.07	0.0406	4.31	0.303	0.0249	0.00275	5.38E-06	4.83E-01	5.21E-06	1.09E-03	3.98E-02	5.23E-06	6.36E-04	8.32E-06	1.16E+01	1.22E-05	8.95E-04	8.92E-03	2.49E-03	6.33E-01
2064-04-01	38	28.4	14.50	3.01	0.0403	4.23	0.303	0.025	0.0027	5.40E-06	4.84E-01	5.21E-06	1.07E-03	4.07E-02	5.24E-06	6.31E-04	8.34E-06	1.16E+01	1.21E-05	8.93E-04	8.92E-03	2.46E-03	6.33E-01
2064-05-01	38	26.2	13.40	2.77	0.0388	3.85	0.3	0.0249	0.0025	5.38E-06	4.83E-01	5.21E-06	1.01E-03	4.35E-02	5.23E-06	6.09E-04	8.31E-06	1.15E+01	1.14E-05	8.81E-04	8.92E-03	2.33E-03	6.33E-01
2064-06-01	38	24.5	12.60	2.58	0.0376	3.57	0.298	0.0249	0.00233	5.37E-06	4.83E-01	5.21E-06	9.64E-04	4.58E-02	5.22E-06	5.93E-04	8.30E-06	1.15E+01	1.09E-05	8.73E-04	8.92E-03	2.24E-03	6.33E-01
2064-07-01	38	24.1	12.40	2.53	0.0375	3.5	0.3	0.025	0.0023	5.40E-06	4.83E-01	5.21E-06	9.56E-04	4.68E-02	5.24E-06	5.90E-04	8.34E-06	1.16E+01	1.08E-05	8.71E-04	8.92E-03	2.22E-03	6.33E-01
2064-08-01	38	24.1	12.30	2.53	0.0376	3.49	0.302	0.0252	0.0023	5.44E-06	4.84E-01	5.21E-06	9.57E-04	4.74E-02	5.26E-06	5.91E-04	8.39E-06	1.17E+01	1.08E-05	8.71E-04	8.92E-03	2.21E-03	6.33E-01
2064-09-01	38	24.1	12.40	2.54	0.0379	3.5	0.304	0.0254	0.0023	5.47E-06	4.84E-01	5.21E-06	9.61E-04	4.78E-02	5.28E-06	5.93E-04	8.44E-06	1.18E+01	1.08E-05	8.71E-04	8.92E-03	2.22E-03	6.34E-01
2064-10-01	38	23.9	12.30	2.51	0.0376	3.47	0.303	0.0252	0.00228	5.44E-06	4.84E-01	5.21E-06	9.54E-04	4.76E-02	5.27E-06	5.90E-04	8.39E-06	1.17E+01	1.07E-05	8.70E-04	8.92E-03	2.21E-03	6.33E-01
2064-11-01	38	23.7	12.20	2.49	0.0373	3.44	0.3	0.0251	0.00226	5.40E-06	4.84E-01	5.21E-06	9.46E-04	4.72E-02	5.24E-06	5.87E-04	8.34E-06	1.16E+01	1.06E-05	8.69E-04	8.92E-03	2.20E-03	6.33E-01
2064-12-01	38	23.6	12.10	2.48	0.0372	3.42	0.299	0.0249	0.00225	5.38E-06	4.83E-01	5.21E-06	9.42E-04	4.70E-02	5.23E-06	5.85E-04	8.31E-06	1.16E+01	1.06E-05	8.68E-04	8.92E-03	2.19E-03	6.33E-01
2065-01-01	39	23.6	12.10	2.48	0.0371	3.42	0.299	0.0249	0.00225	5.38E-06	4.83E-01	5.21E-06	9.41E-04	4.70E-02	5.23E-06	5.85E-04	8.30E-06	1.16E+01	1.06E-05	8.68E-04	8.92E-03	2.19E-03	6.33E-01
2065-02-01	39	23.6	12.10	2.47	0.0371	3.41	0.3	0.0249	0.00225	5.38E-06	4.83E-01	5.21E-06	9.41E-04	4.69E-02	5.23E-06	5.85E-04	8.31E-06	1.16E+01	1.06E-05	8.68E-04	8.92E-03	2.19E-03	6.33E-01
2065-03-01	39	23.5	12.10	2.47	0.0372	3.39	0.3	0.0249	0.00225	5.38E-06	4.83E-01	5.21E-06	9.42E-04	4.68E-02	5.23E-06	5.85E-04	8.32E-06	1.16E+01	1.06E-05	8.68E-04	8.92E-03	2.18E-03	6.33E-01
2065-04-01	39	23.4	12.00	2.45	0.0372	3.29	0.304	0.0249	0.00223	5.39E-06	4.84E-01	5.21E-06	9.41E-04	4.62E-02	5.23E-06	5.86E-04	8.37E-06	1.18E+01	1.06E-05	8.67E-04	8.92E-03	2.18E-03	6.34E-01
2065-05-01	39	22.3	11.50	2.32	0.0368	2.88	0.316	0.0246	0.00213	5.37E-06	4.84E-01	5.21E-06	9.28E-04	4.33E-02	5.19E-06	5.85E-04	8.45E-06	1.23E+01	1.04E-05	8.63E-04	8.93E-03	2.12E-03	6.36E-01
2065-06-01	39	21.5	11.00	2.22	0.0365	2.53	0.327	0.0243	0.00205	5.36E-06	4.84E-01	5.20E-06	9.17E-04	4.08E-02	5.15E-06	5.84E-04	8.53E-06	1.28E+01	1.03E-05	8.59E-04	8.93E-03	2.08E-03	6.39E-01
2065-07-01	39	21.3	11.00	2.2	0.0366	2.43	0.333	0.0244	0.00204	5.39E-06	4.84E-01	5.20E-06	9.19E-04	4.02E-02	5.16E-06	5.87E-04	8.61E-06	1.30E+01	1.03E-05	8.59E-04	8.93E-03	2.07E-03	6.40E-01
2065-08-01	39	21.3	11.00	2.2	0.0369	2.39	0.337	0.0245	0.00204	5.42E-06	4.84E-01	5.20E-06	9.25E-04	4.01E-02	5.18E-06	5.90E-04	8.68E-06	1.32E+01	1.04E-05	8.60E-04	8.94E-03	2.08E-03	6.41E-01
2065-09-01	39	21.4	11.00	2.21	0.0371	2.39	0.341	0.0247	0.00205	5.46E-06	4.84E-01	5.21E-06	9.31E-04	4.02E-02	5.20E-06	5.93E-04	8.74E-06	1.34E+01	1.04E-05	8.60E-04	8.94E-03	2.09E-03	6.41E-01
2065-10-01	39	21.3	11.00	2.19	0.0369	2.36	0.339	0.0246	0.00204	5.43E-06	4.84E-01	5.21E-06	9.25E-04	3.99E-02	5.18E-06	5.91E-04	8.70E-06	1.33E+01	1.04E-05	8.59E-04	8.94E-03	2.08E-03	6.41E-01
2065-11-01	39	21.1	10.90	2.17	0.0367	2.34	0.337	0.0244	0.00202	5.39E-06	4.84E-01	5.20E-06	9.18E-04	3.95E-02	5.16E-06	5.88E-04	8.65E-06	1.32E+01	1.03E-05	8.58E-04	8.94E-03	2.06E-03	6.41E-01
2065-12-01	39	21	10.80	2.16	0.0365	2.32	0.336	0.0242	0.00201	5.37E-06	4.84E-01	5.20E-06	9.14E-04	3.93E-02	5.15E-06	5.86E-04	8.61E-06	1.32E+01	1.02E-05	8.58E-04	8.94E-03	2.06E-03	6.40E-01
2066-01-01	40	21	10.80	2.16	0.0365	2.32	0.336	0.0242	0.00201	5.37E-06	4.84E-01	5.20E-06	9.13E-04	3.93E-02	5.15E-06	5.85E-04	8.61E-06	1.32E+01	1.02E-05	8.57E-04	8.94E-03	2.06E-03	6.40E-01
2066-02-01	40	20.9	10.80	2.16	0.0365	2.31	0.336	0.0242	0.00201	5.37E-06	4.84E-01	5.20E-06	9.13E-04	3.92E-02	5.15E-06	5.86E-04	8.62E-06	1.32E+01	1.02E-05	8.57E-04	8.94E-03	2.06E-03	6.41E-01
2066-03-01	40	20.9	10.80	2.15	0.0366	2.3	0.338	0.0242	0.002	5.37E-06	4.84E-01	5.20E-06	9.14E-04	3.89E-02	5.15E-06	5.86E-04	8.63E-06	1.33E+01	1.02E-05	8.57E-04	8.94E-03	2.05E-03	6.41E-01
2066-04-01	40	20.7	10.70	2.13	0.0369	2.24	0.344	0.0242	0.00199	5.38E-06	4.84E-01	5.20E-06	9.16E-04	3.79E-02	5.14E-06	5.88E-04	8.69E-06	1.35E+01	1.03E-05	8.57E-04	8.94E-03	2.05E-03	6.42E-01
2066-05-01	40	19.7	10.20	2.01	0.0376	1.95	0.364	0.0237	0.0019	5.35E-06	4.84E-01	5.20E-06	9.10E-04	3.30E-02	5.08E-06	5.92E-04	8.82E-06	1.43E+01	1.02E-05	8.53E-04	8.95E-03	2.00E-03	6.46E-01
2066-06-01	40	18.8	9.71	1.89	0.0384	1.68	0.384	0.0232	0.00181	5.33E-06	4.84E-01	5.19E-06	9.05E-04	2.83E-02	5.03E-06	5.96E-04	8.96E-06	1.51E+01	1.01E-05	8.50E-04	8.96E-03	1.96E-03	6.50E-01
2066-07-																							

Pond 2 Statistics (Year 4 to Year 42)																						
Minimum		0.0638	0.00015387	1.279	0.010246	0.0000155	0.06762	0.1102	0.00850798	0.00001628	0.00001158	0.00000647	0.0042813	0.001073	0.01520298	4.583E-07	0.00001271	0.0008515	0.00001319	0.00007425	0.00056	0.0015191
P10		1.8098	0.00391677	18.538	0.018305	0.0009621	0.2124	2.5983	0.009975	0.0002423	0.0003912	0.00018767	0.1505613	0.020579	0.015402	0.000002717	0.00157651	0.001303	0.00078599	0.0005379	0.00533	0.005485
Median		5.4198	0.00445677	37.638	0.04255	0.0039151	0.2354	7.8383	0.013325	0.0006078	0.0004182	0.00052017	0.1725613	0.074179	0.01625	0.000002817	0.00467151	0.005647	0.00112249	0.0006409	0.01347	0.01205
P90		8.5298	0.00614677	56.188	0.08745	0.0098801	0.3139	12.2683	0.01599	0.0013543	0.0004312	0.00106517	0.2515613	0.185879	0.01785	0.000002877	0.01080151	0.012737	0.00195249	0.0007224	0.03012	0.02315
Maximum		8.8948	0.00675677	59.838	0.0923	0.0105051	0.4824	12.7683	0.01704	0.0014643	0.0004332	0.00115517	0.4190613	0.198879	0.01804	0.000002897	0.01160151	0.013537	0.00207249	0.0009939	3.24E-02	2.37E-02
Monthly Results																						
2030-02-01	4	6.38E-02	1.54E-04	1.28E+00	1.02E-02	1.55E-05	6.76E-02	1.10E-01	8.51E-03	1.63E-05	1.16E-05	6.47E-06	4.28E-03	1.07E-03	1.52E-02	4.58E-07	1.27E-05	8.52E-04	1.32E-05	7.43E-05	5.60E-04	1.52E-03
2030-03-01	4	1.11E-01	2.63E-04	1.51E+00	1.05E-02	3.24E-05	7.45E-02	1.78E-01	8.52E-03	1.95E-05	1.71E-05	8.58E-06	1.12E-02	1.39E-03	1.52E-02	4.93E-07	3.10E-05	8.75E-04	3.06E-05	8.94E-05	6.25E-04	1.63E-03
2030-04-01	4	3.38E-01	7.83E-04	2.60E+00	1.16E-02	1.13E-04	1.07E-01	5.06E-01	8.58E-03	3.49E-05	4.35E-05	1.87E-05	4.39E-02	2.90E-03	1.52E-02	6.59E-07	1.19E-04	9.87E-04	1.13E-04	1.62E-04	9.36E-04	2.17E-03
2030-05-01	4	1.29E+00	2.97E-03	7.19E+00	1.64E-02	4.53E-04	2.44E-01	1.89E+00	8.84E-03	9.94E-05	1.54E-04	6.10E-05	1.81E-01	9.24E-03	1.53E-02	1.36E-06	4.85E-04	1.46E-03	4.62E-04	4.66E-04	2.24E-03	4.42E-03
2030-06-01	4	2.22E+00	5.08E-03	1.16E+01	2.10E-02	7.82E-04	3.77E-01	3.24E+00	9.10E-03	1.62E-04	2.62E-04	1.02E-04	3.14E-01	1.54E-02	1.54E-02	2.04E-06	8.40E-04	1.92E-03	7.99E-04	7.60E-04	3.50E-03	6.59E-03
2030-07-01	4	2.63E+00	5.99E-03	1.35E+01	2.29E-02	9.24E-04	4.34E-01	3.83E+00	9.20E-03	1.88E-04	3.09E-04	1.19E-04	3.71E-01	1.81E-02	1.55E-02	2.34E-06	9.92E-04	2.12E-03	9.44E-04	8.87E-04	4.05E-03	7.53E-03
2030-08-01	4	2.84E+00	6.44E-03	1.45E+01	2.39E-02	9.95E-04	4.62E-01	4.13E+00	9.26E-03	2.02E-04	3.32E-04	1.28E-04	3.99E-01	1.94E-02	1.55E-02	2.49E-06	1.07E-03	2.22E-03	1.01E-03	9.50E-04	4.32E-03	8.00E-03
2030-09-01	4	2.94E+00	6.66E-03	1.49E+01	2.44E-02	1.03E-03	4.76E-01	4.28E+00	9.28E-03	2.08E-04	3.45E-04	1.33E-04	4.13E-01	2.00E-02	1.55E-02	2.56E-06	1.10E-03	2.26E-03	1.05E-03	9.80E-04	4.45E-03	8.22E-03
2030-10-01	4	2.99E+00	6.74E-03	1.51E+01	2.46E-02	1.05E-03	4.81E-01	4.35E+00	9.29E-03	2.11E-04	3.50E-04	1.34E-04	4.18E-01	2.03E-02	1.55E-02	2.59E-06	1.12E-03	2.28E-03	1.06E-03	9.92E-04	4.50E-03	8.32E-03
2030-11-01	4	3.01E+00	6.76E-03	1.52E+01	2.46E-02	1.05E-03	4.82E-01	4.37E+00	9.30E-03	2.12E-04	3.52E-04	1.35E-04	4.19E-01	2.03E-02	1.55E-02	2.60E-06	1.12E-03	2.29E-03	1.07E-03	9.94E-04	4.51E-03	8.33E-03
2030-12-01	4	3.01E+00	6.75E-03	1.52E+01	2.46E-02	1.05E-03	4.82E-01	4.38E+00	9.30E-03	2.11E-04	3.52E-04	1.35E-04	4.19E-01	2.03E-02	1.55E-02	2.60E-06	1.12E-03	2.29E-03	1.06E-03	9.93E-04	4.51E-03	8.32E-03
2031-01-01	5	3.01E+00	6.75E-03	1.52E+01	2.46E-02	1.05E-03	4.82E-01	4.38E+00	9.30E-03	2.11E-04	3.52E-04	1.35E-04	4.19E-01	2.03E-02	1.55E-02	2.60E-06	1.12E-03	2.29E-03	1.06E-03	9.93E-04	4.51E-03	8.33E-03
2031-02-01	5	3.04E+00	6.69E-03	1.53E+01	2.47E-02	1.06E-03	4.77E-01	4.42E+00	9.30E-03	2.13E-04	3.54E-04	1.36E-04	4.14E-01	2.06E-02	1.55E-02	2.61E-06	1.14E-03	2.30E-03	1.06E-03	9.84E-04	4.54E-03	8.26E-03
2031-03-01	5	3.09E+00	6.59E-03	1.54E+01	2.47E-02	1.09E-03	4.70E-01	4.48E+00	9.31E-03	2.14E-04	3.56E-04	1.37E-04	4.07E-01	2.10E-02	1.55E-02	2.62E-06	1.16E-03	2.33E-03	1.04E-03	9.69E-04	4.58E-03	8.16E-03
2031-04-01	5	3.29E+00	6.13E-03	1.59E+01	2.50E-02	1.18E-03	4.36E-01	4.77E+00	9.36E-03	2.22E-04	3.66E-04	1.45E-04	3.74E-01	2.27E-02	1.55E-02	2.65E-06	1.26E-03	2.43E-03	9.90E-04	9.00E-04	4.78E-03	7.70E-03
2031-05-01	5	3.88E+00	4.63E-03	1.73E+01	2.55E-02	1.46E-03	3.29E-01	5.62E+00	9.49E-03	2.43E-04	3.94E-04	1.67E-04	2.67E-01	2.79E-02	1.56E-02	2.74E-06	1.55E-03	2.75E-03	8.05E-04	6.79E-04	5.35E-03	6.19E-03
2031-06-01	5	4.11E+00	3.85E-03	1.77E+01	2.56E-02	1.57E-03	2.74E-01	5.96E+00	9.53E-03	2.50E-04	4.02E-04	1.76E-04	2.11E-01	3.00E-02	1.56E-02	2.75E-06	1.66E-03	2.87E-03	7.04E-04	5.63E-04	5.55E-03	5.40E-03
2031-07-01	5	4.21E+00	3.72E-03	1.80E+01	2.58E-02	1.61E-03	2.65E-01	6.10E+00	9.56E-03	2.54E-04	4.09E-04	1.79E-04	2.02E-01	3.08E-02	1.56E-02	2.79E-06	1.71E-03	2.92E-03	6.91E-04	5.44E-04	5.66E-03	5.28E-03
2031-08-01	5	4.29E+00	3.71E-03	1.83E+01	2.60E-02	1.64E-03	2.63E-01	6.21E+00	9.57E-03	2.58E-04	4.14E-04	1.82E-04	2.00E-01	3.13E-02	1.57E-02	2.82E-06	1.74E-03	2.96E-03	6.91E-04	5.41E-04	5.74E-03	5.26E-03
2031-09-01	5	4.40E+00	3.77E-03	1.87E+01	2.64E-02	1.68E-03	2.66E-01	6.38E+00	9.60E-03	2.64E-04	4.25E-04	1.87E-04	2.03E-01	3.21E-02	1.57E-02	2.88E-06	1.79E-03	3.01E-03	7.04E-04	5.48E-04	5.87E-03	5.33E-03
2031-10-01	5	4.34E+00	3.69E-03	1.84E+01	2.61E-02	1.66E-03	2.61E-01	6.29E+00	9.58E-03	2.60E-04	4.19E-04	1.84E-04	1.98E-01	3.17E-02	1.57E-02	2.84E-06	1.76E-03	2.98E-03	6.90E-04	5.38E-04	5.79E-03	5.25E-03
2031-11-01	5	4.30E+00	3.64E-03	1.83E+01	2.59E-02	1.64E-03	2.58E-01	6.24E+00	9.57E-03	2.57E-04	4.15E-04	1.82E-04	1.95E-01	3.14E-02	1.57E-02	2.82E-06	1.74E-03	2				

Pond_2 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorus mg/L
2035-04-01	9	5.24E+00	3.98E-03	2.25E+01	3.50E-02	2.86E-03	2.49E-01	7.62E+00	1.04E-02	4.13E-04	4.17E-04	3.10E-04	1.87E-01	5.43E-02	1.60E-02	2.82E-06	3.04E-03	4.41E-03	8.63E-04	5.48E-04	9.20E-03	6.10E-03
2035-05-01	9	5.46E+00	4.11E-03	2.34E+01	3.72E-02	3.16E-03	2.51E-01	7.92E+00	1.06E-02	4.53E-04	4.15E-04	3.42E-04	1.88E-01	5.99E-02	1.61E-02	2.81E-06	3.36E-03	4.76E-03	9.14E-04	5.58E-04	1.01E-02	5.68E-03
2035-06-01	9	5.48E+00	4.11E-03	2.35E+01	3.79E-02	3.25E-03	2.48E-01	7.96E+00	1.07E-02	4.64E-04	4.08E-04	3.52E-04	1.86E-01	6.16E-02	1.61E-02	2.77E-06	3.46E-03	4.87E-03	9.25E-04	5.56E-04	1.03E-02	5.43E-03
2035-07-01	9	5.55E+00	4.16E-03	2.38E+01	3.83E-02	3.31E-03	2.50E-01	8.06E+00	1.07E-02	4.73E-04	4.12E-04	3.58E-04	1.88E-01	6.27E-02	1.61E-02	2.80E-06	3.53E-03	4.94E-03	9.39E-04	5.62E-04	1.05E-02	5.43E-03
2035-08-01	9	5.62E+00	4.21E-03	2.41E+01	3.87E-02	3.36E-03	2.52E-01	8.16E+00	1.07E-02	4.79E-04	4.16E-04	3.63E-04	1.90E-01	6.36E-02	1.61E-02	2.82E-06	3.57E-03	5.00E-03	9.50E-04	5.68E-04	1.06E-02	5.45E-03
2035-09-01	9	5.77E+00	4.32E-03	2.47E+01	3.95E-02	3.45E-03	2.57E-01	8.38E+00	1.08E-02	4.92E-04	4.27E-04	3.73E-04	1.95E-01	6.54E-02	1.61E-02	2.88E-06	3.67E-03	5.11E-03	9.76E-04	5.81E-04	1.09E-02	5.56E-03
2035-10-01	9	5.69E+00	4.26E-03	2.44E+01	3.91E-02	3.40E-03	2.54E-01	8.26E+00	1.08E-02	4.85E-04	4.21E-04	3.68E-04	1.92E-01	6.45E-02	1.61E-02	2.85E-06	3.62E-03	5.05E-03	9.62E-04	5.74E-04	1.08E-02	5.49E-03
2035-11-01	9	5.63E+00	4.21E-03	2.42E+01	3.88E-02	3.37E-03	2.52E-01	8.18E+00	1.07E-02	4.80E-04	4.17E-04	3.64E-04	1.90E-01	6.38E-02	1.61E-02	2.82E-06	3.59E-03	5.01E-03	9.53E-04	5.68E-04	1.07E-02	5.45E-03
2035-12-01	9	5.60E+00	4.19E-03	2.40E+01	3.87E-02	3.35E-03	2.51E-01	8.14E+00	1.07E-02	4.78E-04	4.15E-04	3.62E-04	1.89E-01	6.35E-02	1.61E-02	2.81E-06	3.57E-03	4.99E-03	9.48E-04	5.66E-04	1.06E-02	5.43E-03
2036-01-01	10	5.60E+00	4.19E-03	2.40E+01	3.87E-02	3.35E-03	2.51E-01	8.14E+00	1.07E-02	4.78E-04	4.15E-04	3.62E-04	1.89E-01	6.35E-02	1.61E-02	2.81E-06	3.57E-03	4.99E-03	9.47E-04	5.66E-04	1.06E-02	5.42E-03
2036-02-01	10	5.61E+00	4.19E-03	2.41E+01	3.87E-02	3.36E-03	2.51E-01	8.14E+00	1.07E-02	4.79E-04	4.15E-04	3.63E-04	1.89E-01	6.37E-02	1.61E-02	2.81E-06	3.58E-03	5.00E-03	9.48E-04	5.65E-04	1.06E-02	5.48E-03
2036-03-01	10	5.62E+00	4.19E-03	2.42E+01	3.88E-02	3.38E-03	2.51E-01	8.16E+00	1.07E-02	4.81E-04	4.15E-04	3.65E-04	1.88E-01	6.40E-02	1.61E-02	2.81E-06	3.59E-03	5.02E-03	9.50E-04	5.65E-04	1.07E-02	5.58E-03
2036-04-01	10	5.65E+00	4.19E-03	2.45E+01	3.94E-02	3.44E-03	2.49E-01	8.21E+00	1.08E-02	4.89E-04	4.17E-04	3.71E-04	1.87E-01	6.52E-02	1.61E-02	2.82E-06	3.66E-03	5.11E-03	9.57E-04	5.63E-04	1.09E-02	6.00E-03
2036-05-01	10	5.71E+00	4.16E-03	2.53E+01	4.05E-02	3.60E-03	2.42E-01	8.29E+00	1.08E-02	5.07E-04	4.17E-04	3.86E-04	1.80E-01	6.82E-02	1.62E-02	2.82E-06	3.82E-03	5.31E-03	9.67E-04	5.53E-04	1.13E-02	7.16E-03
2036-06-01	10	5.64E+00	4.08E-03	2.53E+01	4.05E-02	3.62E-03	2.37E-01	8.20E+00	1.08E-02	5.07E-04	4.11E-04	3.86E-04	1.74E-01	6.84E-02	1.62E-02	2.78E-06	3.83E-03	5.33E-03	9.57E-04	5.42E-04	1.13E-02	7.57E-03
2036-07-01	10	5.70E+00	4.11E-03	2.56E+01	4.09E-02	3.66E-03	2.38E-01	8.28E+00	1.09E-02	5.13E-04	4.14E-04	3.91E-04	1.75E-01	6.93E-02	1.62E-02	2.80E-06	3.87E-03	5.38E-03	9.66E-04	5.45E-04	1.14E-02	7.72E-03
2036-08-01	10	5.76E+00	4.15E-03	2.58E+01	4.13E-02	3.70E-03	2.39E-01	8.36E+00	1.09E-02	5.19E-04	4.18E-04	3.95E-04	1.77E-01	7.01E-02	1.62E-02	2.82E-06	3.92E-03	5.43E-03	9.76E-04	5.49E-04	1.15E-02	7.82E-03
2036-09-01	10	5.85E+00	4.21E-03	2.62E+01	4.17E-02	3.76E-03	2.42E-01	8.49E+00	1.09E-02	5.27E-04	4.25E-04	4.01E-04	1.79E-01	7.12E-02	1.62E-02	2.86E-06	3.98E-03	5.51E-03	9.91E-04	5.57E-04	1.17E-02	7.93E-03
2036-10-01	10	5.86E+00	4.22E-03	2.63E+01	4.18E-02	3.77E-03	2.42E-01	8.51E+00	1.09E-02	5.28E-04	4.26E-04	4.02E-04	1.80E-01	7.14E-02	1.62E-02	2.87E-06	3.99E-03	5.52E-03	9.93E-04	5.58E-04	1.17E-02	7.96E-03
2036-11-01	10	5.81E+00	4.18E-03	2.61E+01	4.16E-02	3.74E-03	2.41E-01	8.44E+00	1.09E-02	5.24E-04	4.22E-04	3.99E-04	1.78E-01	7.08E-02	1.62E-02	2.85E-06	3.96E-03	5.48E-03	9.85E-04	5.53E-04	1.16E-02	7.91E-03
2036-12-01	10	5.77E+00	4.15E-03	2.59E+01	4.13E-02	3.71E-03	2.39E-01	8.38E+00	1.09E-02	5.20E-04	4.19E-04	3.96E-04	1.77E-01	7.03E-02	1.62E-02	2.83E-06	3.93E-03	5.45E-03	9.78E-04	5.50E-04	1.16E-02	7.86E-03
2037-01-01	11	5.77E+00	4.15E-03	2.59E+01	4.13E-02	3.71E-03	2.39E-01	8.37E+00	1.09E-02	5.20E-04	4.19E-04	3.96E-04	1.77E-01	7.02E-02	1.62E-02	2.83E-06	3.92E-03	5.44E-03	9.77E-04	5.49E-04	1.15E-02	7.86E-03
2037-02-01	11	5.76E+00	4.15E-03	2.60E+01	4.14E-02	3.72E-03	2.39E-01	8.37E+00	1.09E-02	5.21E-04	4.19E-04	3.97E-04	1.77E-01	7.04E-02	1.62E-02	2.83E-06	3.93E-03	5.45E-03	9.78E-04	5.49E-04	1.16E-02	7.89E-03
2037-03-01	11	5.76E+00	4.16E-03	2.61E+01	4.15E-02	3.73E-03	2.39E-01	8.36E+00	1.09E-02	5.23E-04	4.20E-04	3.98E-04	1.77E-01	7.06E-02	1.62E-02	2.83E-06	3.95E-03	5.47E-03	9.80E-04	5.50E-04	1.16E-02	7.94E-03
2037-04-01	11	5.73E+00	4.16E-03	2.66E+01	4.19E-02	3.79E-03	2.38E-01	8.32E+00	1.10E-02	5.30E-04	4.20E-04	4.05E-04	1.76E-01	7.17E-02	1.62E-02	2.84E-						

Pond_ 2 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2041-01-01	15	5.59E+00	4.30E-03	3.65E+01	4.98E-02	4.96E-03	2.18E-01	8.08E+00	1.22E-02	6.98E-04	4.32E-04	5.46E-04	1.56E-01	9.39E-02	1.65E-02	2.89E-06	5.42E-03	6.79E-03	1.15E-03	5.45E-04	1.55E-02	1.25E-02
2041-02-01	15	5.60E+00	4.30E-03	3.66E+01	4.99E-02	4.97E-03	2.18E-01	8.09E+00	1.22E-02	7.00E-04	4.32E-04	5.47E-04	1.56E-01	9.41E-02	1.65E-02	2.89E-06	5.43E-03	6.81E-03	1.16E-03	5.45E-04	1.55E-02	1.25E-02
2041-03-01	15	5.61E+00	4.31E-03	3.67E+01	5.01E-02	4.99E-03	2.18E-01	8.11E+00	1.22E-02	7.02E-04	4.32E-04	5.49E-04	1.56E-01	9.45E-02	1.65E-02	2.89E-06	5.45E-03	6.83E-03	1.16E-03	5.46E-04	1.56E-02	1.25E-02
2041-04-01	15	5.66E+00	4.33E-03	3.69E+01	5.06E-02	5.06E-03	2.18E-01	8.18E+00	1.22E-02	7.13E-04	4.31E-04	5.58E-04	1.56E-01	9.59E-02	1.66E-02	2.88E-06	5.54E-03	6.92E-03	1.17E-03	5.47E-04	1.58E-02	1.25E-02
2041-05-01	15	5.73E+00	4.36E-03	3.73E+01	5.17E-02	5.21E-03	2.16E-01	8.28E+00	1.24E-02	7.34E-04	4.25E-04	5.74E-04	1.53E-01	9.87E-02	1.66E-02	2.85E-06	5.72E-03	7.09E-03	1.19E-03	5.47E-04	1.63E-02	1.23E-02
2041-06-01	15	5.67E+00	4.30E-03	3.69E+01	5.15E-02	5.19E-03	2.13E-01	8.20E+00	1.24E-02	7.31E-04	4.17E-04	5.72E-04	1.50E-01	9.83E-02	1.66E-02	2.80E-06	5.70E-03	7.07E-03	1.18E-03	5.40E-04	1.63E-02	1.21E-02
2041-07-01	15	5.73E+00	4.34E-03	3.72E+01	5.19E-02	5.25E-03	2.14E-01	8.27E+00	1.24E-02	7.39E-04	4.20E-04	5.78E-04	1.52E-01	9.93E-02	1.66E-02	2.82E-06	5.76E-03	7.13E-03	1.19E-03	5.44E-04	1.64E-02	1.21E-02
2041-08-01	15	5.78E+00	4.38E-03	3.75E+01	5.23E-02	5.30E-03	2.15E-01	8.35E+00	1.24E-02	7.45E-04	4.24E-04	5.84E-04	1.53E-01	1.00E-01	1.66E-02	2.84E-06	5.81E-03	7.19E-03	1.20E-03	5.49E-04	1.66E-02	1.22E-02
2041-09-01	15	5.83E+00	4.41E-03	3.78E+01	5.27E-02	5.34E-03	2.16E-01	8.42E+00	1.25E-02	7.52E-04	4.27E-04	5.88E-04	1.54E-01	1.01E-01	1.66E-02	2.86E-06	5.86E-03	7.24E-03	1.21E-03	5.52E-04	1.67E-02	1.23E-02
2041-10-01	15	5.82E+00	4.41E-03	3.78E+01	5.26E-02	5.33E-03	2.16E-01	8.41E+00	1.25E-02	7.51E-04	4.26E-04	5.88E-04	1.54E-01	1.01E-01	1.66E-02	2.86E-06	5.86E-03	7.24E-03	1.21E-03	5.52E-04	1.67E-02	1.23E-02
2041-11-01	15	5.82E+00	4.41E-03	3.78E+01	5.26E-02	5.33E-03	2.16E-01	8.41E+00	1.25E-02	7.51E-04	4.26E-04	5.88E-04	1.54E-01	1.01E-01	1.66E-02	2.85E-06	5.85E-03	7.23E-03	1.21E-03	5.52E-04	1.67E-02	1.23E-02
2041-12-01	15	5.91E+00	4.47E-03	3.83E+01	5.33E-02	5.41E-03	2.18E-01	8.53E+00	1.25E-02	7.62E-04	4.33E-04	5.96E-04	1.56E-01	1.03E-01	1.67E-02	2.89E-06	5.94E-03	7.33E-03	1.23E-03	5.59E-04	1.69E-02	1.25E-02
2042-01-01	16	5.89E+00	4.46E-03	3.82E+01	5.31E-02	5.40E-03	2.18E-01	8.51E+00	1.25E-02	7.60E-04	4.31E-04	5.95E-04	1.56E-01	1.02E-01	1.66E-02	2.88E-06	5.93E-03	7.31E-03	1.23E-03	5.57E-04	1.69E-02	1.24E-02
2042-02-01	16	5.89E+00	4.46E-03	3.83E+01	5.32E-02	5.41E-03	2.18E-01	8.51E+00	1.25E-02	7.62E-04	4.31E-04	5.96E-04	1.56E-01	1.02E-01	1.67E-02	2.88E-06	5.94E-03	7.32E-03	1.23E-03	5.58E-04	1.69E-02	1.24E-02
2042-03-01	16	5.90E+00	4.47E-03	3.85E+01	5.34E-02	5.43E-03	2.18E-01	8.52E+00	1.26E-02	7.65E-04	4.31E-04	5.99E-04	1.56E-01	1.03E-01	1.67E-02	2.88E-06	5.97E-03	7.34E-03	1.23E-03	5.59E-04	1.70E-02	1.24E-02
2042-04-01	16	5.92E+00	4.49E-03	3.90E+01	5.39E-02	5.51E-03	2.17E-01	8.55E+00	1.27E-02	7.78E-04	4.31E-04	6.11E-04	1.55E-01	1.04E-01	1.67E-02	2.88E-06	6.08E-03	7.42E-03	1.25E-03	5.61E-04	1.73E-02	1.24E-02
2042-05-01	16	5.91E+00	4.52E-03	4.01E+01	5.48E-02	5.67E-03	2.15E-01	8.53E+00	1.30E-02	8.06E-04	4.25E-04	6.36E-04	1.53E-01	1.08E-01	1.67E-02	2.85E-06	6.31E-03	7.55E-03	1.28E-03	5.62E-04	1.79E-02	1.23E-02
2042-06-01	16	5.82E+00	4.46E-03	3.99E+01	5.44E-02	5.64E-03	2.12E-01	8.39E+00	1.30E-02	8.03E-04	4.17E-04	6.36E-04	1.50E-01	1.07E-01	1.67E-02	2.80E-06	6.30E-03	7.50E-03	1.27E-03	5.55E-04	1.79E-02	1.20E-02
2042-07-01	16	5.87E+00	4.50E-03	4.03E+01	5.49E-02	5.70E-03	2.13E-01	8.46E+00	1.30E-02	8.12E-04	4.20E-04	6.43E-04	1.51E-01	1.08E-01	1.67E-02	2.82E-06	6.37E-03	7.56E-03	1.28E-03	5.60E-04	1.80E-02	1.21E-02
2042-08-01	16	5.92E+00	4.54E-03	4.06E+01	5.53E-02	5.76E-03	2.15E-01	8.54E+00	1.31E-02	8.20E-04	4.24E-04	6.49E-04	1.53E-01	1.09E-01	1.67E-02	2.84E-06	6.43E-03	7.63E-03	1.30E-03	5.64E-04	1.82E-02	1.22E-02
2042-09-01	16	5.97E+00	4.57E-03	4.10E+01	5.57E-02	5.80E-03	2.16E-01	8.61E+00	1.31E-02	8.26E-04	4.27E-04	6.54E-04	1.54E-01	1.10E-01	1.67E-02	2.86E-06	6.49E-03	7.68E-03	1.31E-03	5.68E-04	1.84E-02	1.23E-02
2042-10-01	16	5.96E+00	4.57E-03	4.09E+01	5.56E-02	5.80E-03	2.16E-01	8.60E+00	1.31E-02	8.26E-04	4.27E-04	6.54E-04	1.54E-01	1.10E-01	1.67E-02	2.86E-06	6.48E-03	7.68E-03	1.31E-03	5.68E-04	1.83E-02	1.23E-02
2042-11-01	16	5.96E+00	4.57E-03	4.09E+01	5.56E-02	5.80E-03	2.16E-01	8.60E+00	1.31E-02	8.26E-04	4.26E-04	6.54E-04	1.54E-01	1.10E-01	1.67E-02	2.86E-06	6.48E-03	7.67E-03	1.31E-03	5.67E-04	1.83E-02	1.23E-02
2042-12-01	16	6.04E+00	4.62E-03	4.14E+01	5.62E-02	5.87E-03	2.18E-01	8.71E+00	1.32E-02	8.36E-04	4.32E-04	6.62E-04	1.56E-01	1.11E-01	1.68E-02	2.89E-06	6.56E-03	7.76E-03	1.32E-03	5.74E-04	1.86E-02	1.24E-02
2043-01-01	17	6.02E+00	4.61E-03	4.13E+01	5.61E-02	5.86E-03	2.17E-01	8.69E+00	1.32E-02	8.34E-04	4.31E-04	6.60E-04	1.55E-01	1.11E-01	1.68E-02E							

Pond_ 2 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2046-10-01	20	7.04E+00	5.21E-03	4.90E+01	6.84E-02	7.58E-03	2.14E-01	1.02E+01	1.49E-02	1.08E-03	4.27E-04	8.66E-04	1.52E-01	1.44E-01	1.72E-02	2.86E-06	8.60E-03	9.65E-03	1.62E-03	6.22E-04	2.40E-02	1.21E-02
2046-11-01	20	7.04E+00	5.20E-03	4.89E+01	6.83E-02	7.57E-03	2.14E-01	1.02E+01	1.49E-02	1.08E-03	4.27E-04	8.65E-04	1.52E-01	1.44E-01	1.72E-02	2.86E-06	8.59E-03	9.64E-03	1.62E-03	6.21E-04	2.40E-02	1.21E-02
2046-12-01	20	7.12E+00	5.27E-03	4.95E+01	6.91E-02	7.67E-03	2.16E-01	1.03E+01	1.49E-02	1.09E-03	4.32E-04	8.76E-04	1.54E-01	1.46E-01	1.72E-02	2.89E-06	8.70E-03	9.75E-03	1.64E-03	6.28E-04	2.43E-02	1.22E-02
2047-01-01	21	7.11E+00	5.26E-03	4.95E+01	6.90E-02	7.65E-03	2.16E-01	1.03E+01	1.49E-02	1.09E-03	4.31E-04	8.75E-04	1.54E-01	1.45E-01	1.72E-02	2.88E-06	8.68E-03	9.74E-03	1.63E-03	6.27E-04	2.43E-02	1.22E-02
2047-02-01	21	7.12E+00	5.26E-03	4.95E+01	6.91E-02	7.67E-03	2.16E-01	1.03E+01	1.49E-02	1.09E-03	4.31E-04	8.76E-04	1.54E-01	1.46E-01	1.72E-02	2.88E-06	8.70E-03	9.75E-03	1.64E-03	6.27E-04	2.43E-02	1.22E-02
2047-03-01	21	7.13E+00	5.27E-03	4.96E+01	6.92E-02	7.69E-03	2.16E-01	1.03E+01	1.50E-02	1.09E-03	4.31E-04	8.78E-04	1.54E-01	1.46E-01	1.72E-02	2.88E-06	8.72E-03	9.78E-03	1.64E-03	6.28E-04	2.44E-02	1.22E-02
2047-04-01	21	7.18E+00	5.30E-03	4.99E+01	6.99E-02	7.77E-03	2.15E-01	1.04E+01	1.50E-02	1.10E-03	4.31E-04	8.87E-04	1.54E-01	1.47E-01	1.73E-02	2.88E-06	8.81E-03	9.88E-03	1.65E-03	6.30E-04	2.46E-02	1.22E-02
2047-05-01	21	7.23E+00	5.32E-03	5.01E+01	7.08E-02	7.90E-03	2.13E-01	1.05E+01	1.51E-02	1.12E-03	4.25E-04	8.99E-04	1.52E-01	1.50E-01	1.73E-02	2.84E-06	8.94E-03	1.00E-02	1.67E-03	6.29E-04	2.50E-02	1.20E-02
2047-06-01	21	7.15E+00	5.26E-03	4.96E+01	7.04E-02	7.85E-03	2.10E-01	1.03E+01	1.50E-02	1.11E-03	4.17E-04	8.92E-04	1.49E-01	1.49E-01	1.73E-02	2.80E-06	8.87E-03	9.98E-03	1.65E-03	6.21E-04	2.48E-02	1.19E-02
2047-07-01	21	7.22E+00	5.31E-03	5.01E+01	7.10E-02	7.93E-03	2.12E-01	1.05E+01	1.51E-02	1.12E-03	4.21E-04	9.01E-04	1.50E-01	1.50E-01	1.73E-02	2.82E-06	8.96E-03	1.01E-02	1.67E-03	6.26E-04	2.50E-02	1.19E-02
2047-08-01	21	7.29E+00	5.35E-03	5.05E+01	7.16E-02	8.00E-03	2.13E-01	1.05E+01	1.51E-02	1.13E-03	4.24E-04	9.09E-04	1.51E-01	1.52E-01	1.73E-02	2.84E-06	9.04E-03	1.02E-02	1.68E-03	6.31E-04	2.52E-02	1.20E-02
2047-09-01	21	7.34E+00	5.39E-03	5.09E+01	7.21E-02	8.06E-03	2.14E-01	1.06E+01	1.52E-02	1.14E-03	4.27E-04	9.16E-04	1.52E-01	1.53E-01	1.73E-02	2.86E-06	9.11E-03	1.02E-02	1.70E-03	6.35E-04	2.54E-02	1.21E-02
2047-10-01	21	7.33E+00	5.39E-03	5.08E+01	7.20E-02	8.05E-03	2.14E-01	1.06E+01	1.52E-02	1.14E-03	4.27E-04	9.15E-04	1.52E-01	1.53E-01	1.73E-02	2.86E-06	9.10E-03	1.02E-02	1.69E-03	6.34E-04	2.54E-02	1.21E-02
2047-11-01	21	7.33E+00	5.38E-03	5.08E+01	7.19E-02	8.04E-03	2.14E-01	1.06E+01	1.52E-02	1.14E-03	4.27E-04	9.14E-04	1.52E-01	1.53E-01	1.73E-02	2.86E-06	9.09E-03	1.02E-02	1.69E-03	6.34E-04	2.54E-02	1.21E-02
2047-12-01	21	7.43E+00	5.45E-03	5.14E+01	7.28E-02	8.15E-03	2.16E-01	1.07E+01	1.53E-02	1.15E-03	4.32E-04	9.26E-04	1.54E-01	1.55E-01	1.74E-02	2.89E-06	9.21E-03	1.03E-02	1.72E-03	6.41E-04	2.57E-02	1.22E-02
2048-01-01	22	7.41E+00	5.44E-03	5.13E+01	7.26E-02	8.13E-03	2.15E-01	1.07E+01	1.53E-02	1.15E-03	4.31E-04	9.25E-04	1.54E-01	1.54E-01	1.74E-02	2.88E-06	9.19E-03	1.03E-02	1.71E-03	6.40E-04	2.57E-02	1.22E-02
2048-02-01	22	7.42E+00	5.44E-03	5.13E+01	7.27E-02	8.15E-03	2.15E-01	1.07E+01	1.53E-02	1.15E-03	4.31E-04	9.26E-04	1.54E-01	1.54E-01	1.74E-02	2.88E-06	9.21E-03	1.03E-02	1.71E-03	6.41E-04	2.57E-02	1.22E-02
2048-03-01	22	7.43E+00	5.45E-03	5.14E+01	7.29E-02	8.17E-03	2.15E-01	1.07E+01	1.53E-02	1.16E-03	4.31E-04	9.28E-04	1.54E-01	1.55E-01	1.74E-02	2.88E-06	9.23E-03	1.04E-02	1.72E-03	6.41E-04	2.57E-02	1.22E-02
2048-04-01	22	7.46E+00	5.48E-03	5.17E+01	7.35E-02	8.24E-03	2.15E-01	1.08E+01	1.53E-02	1.16E-03	4.31E-04	9.34E-04	1.54E-01	1.56E-01	1.74E-02	2.88E-06	9.30E-03	1.05E-02	1.73E-03	6.43E-04	2.59E-02	1.22E-02
2048-05-01	22	7.46E+00	5.49E-03	5.18E+01	7.44E-02	8.35E-03	2.13E-01	1.08E+01	1.53E-02	1.17E-03	4.25E-04	9.42E-04	1.51E-01	1.58E-01	1.74E-02	2.84E-06	9.39E-03	1.06E-02	1.74E-03	6.40E-04	2.62E-02	1.20E-02
2048-06-01	22	7.38E+00	5.43E-03	5.13E+01	7.40E-02	8.29E-03	2.10E-01	1.07E+01	1.52E-02	1.16E-03	4.17E-04	9.33E-04	1.49E-01	1.57E-01	1.74E-02	2.80E-06	9.30E-03	1.05E-02	1.72E-03	6.32E-04	2.59E-02	1.18E-02
2048-07-01	22	7.45E+00	5.48E-03	5.18E+01	7.46E-02	8.38E-03	2.11E-01	1.08E+01	1.53E-02	1.18E-03	4.21E-04	9.43E-04	1.50E-01	1.59E-01	1.74E-02	2.82E-06	9.40E-03	1.07E-02	1.74E-03	6.38E-04	2.62E-02	1.19E-02
2048-08-01	22	7.51E+00	5.52E-03	5.22E+01	7.52E-02	8.45E-03	2.13E-01	1.09E+01	1.53E-02	1.19E-03	4.25E-04	9.50E-04	1.51E-01	1.60E-01	1.74E-02	2.84E-06	9.48E-03	1.07E-02	1.75E-03	6.42E-04	2.64E-02	1.20E-02
2048-09-01	22	7.57E+00	5.57E-03	5.26E+01	7.57E-02	8.51E-03	2.14E-01	1.10E+01	1.54E-02	1.20E-03	4.28E-04	9.58E-04	1.52E-01	1.61E-01	1.75E-02	2.86E-06	9.55E-03	1.08E-02	1.76E-03	6.47E-04	2.66E-02	1.21E-02
2048-10-01	22	7.56E+00	5.56E-03	5.25E+01	7.56E-02	8.50E-03	2.13E-01	1.09E+01	1.54E-02	1.19E-03	4.27E-04	9.56E-04	1.52E-01	1.61E-01	1.75E-02	2.86E						

Pond_2 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2052-07-01	26	8.52E+00	6.08E-03	5.58E+01	8.76E-02	9.90E-03	2.10E-01	1.23E+01	1.55E-02	1.35E-03	4.22E-04	1.07E-03	1.49E-01	1.87E-01	1.79E-02	2.83E-06	1.08E-02	1.28E-02	1.95E-03	6.74E-04	3.01E-02	1.18E-02
2052-08-01	26	8.58E+00	6.12E-03	5.62E+01	8.82E-02	9.97E-03	2.11E-01	1.24E+01	1.56E-02	1.36E-03	4.25E-04	1.08E-03	1.50E-01	1.88E-01	1.79E-02	2.85E-06	1.09E-02	1.28E-02	1.96E-03	6.78E-04	3.03E-02	1.19E-02
2052-09-01	26	8.64E+00	6.16E-03	5.66E+01	8.87E-02	1.00E-02	2.12E-01	1.25E+01	1.56E-02	1.37E-03	4.28E-04	1.08E-03	1.51E-01	1.89E-01	1.79E-02	2.86E-06	1.09E-02	1.29E-02	1.97E-03	6.82E-04	3.05E-02	1.20E-02
2052-10-01	26	8.62E+00	6.15E-03	5.64E+01	8.85E-02	1.00E-02	2.12E-01	1.25E+01	1.56E-02	1.37E-03	4.27E-04	1.08E-03	1.51E-01	1.89E-01	1.79E-02	2.86E-06	1.09E-02	1.29E-02	1.97E-03	6.81E-04	3.04E-02	1.19E-02
2052-11-01	26	8.61E+00	6.14E-03	5.64E+01	8.84E-02	1.00E-02	2.12E-01	1.25E+01	1.56E-02	1.36E-03	4.27E-04	1.08E-03	1.51E-01	1.88E-01	1.79E-02	2.85E-06	1.09E-02	1.29E-02	1.97E-03	6.80E-04	3.04E-02	1.19E-02
2052-12-01	26	8.70E+00	6.20E-03	5.69E+01	8.92E-02	1.01E-02	2.13E-01	1.26E+01	1.57E-02	1.38E-03	4.31E-04	1.09E-03	1.52E-01	1.90E-01	1.79E-02	2.88E-06	1.10E-02	1.30E-02	1.99E-03	6.86E-04	3.07E-02	1.20E-02
2053-01-01	27	8.70E+00	6.20E-03	5.69E+01	8.92E-02	1.01E-02	2.13E-01	1.26E+01	1.57E-02	1.38E-03	4.31E-04	1.09E-03	1.52E-01	1.90E-01	1.79E-02	2.88E-06	1.10E-02	1.30E-02	1.99E-03	6.86E-04	3.07E-02	1.20E-02
2053-02-01	27	8.70E+00	6.20E-03	5.69E+01	8.93E-02	1.01E-02	2.13E-01	1.26E+01	1.57E-02	1.38E-03	4.31E-04	1.09E-03	1.52E-01	1.90E-01	1.79E-02	2.88E-06	1.10E-02	1.30E-02	1.99E-03	6.87E-04	3.07E-02	1.20E-02
2053-03-01	27	8.71E+00	6.21E-03	5.70E+01	8.93E-02	1.01E-02	2.13E-01	1.26E+01	1.57E-02	1.38E-03	4.31E-04	1.09E-03	1.52E-01	1.91E-01	1.79E-02	2.88E-06	1.10E-02	1.30E-02	1.99E-03	6.87E-04	3.07E-02	1.20E-02
2053-04-01	27	8.72E+00	6.21E-03	5.71E+01	8.96E-02	1.01E-02	2.13E-01	1.26E+01	1.57E-02	1.39E-03	4.31E-04	1.10E-03	1.52E-01	1.91E-01	1.79E-02	2.88E-06	1.11E-02	1.31E-02	1.99E-03	6.87E-04	3.08E-02	1.20E-02
2053-05-01	27	8.63E+00	6.15E-03	5.67E+01	8.90E-02	1.01E-02	2.11E-01	1.25E+01	1.57E-02	1.38E-03	4.24E-04	1.09E-03	1.49E-01	1.90E-01	1.79E-02	2.84E-06	1.10E-02	1.30E-02	1.98E-03	6.81E-04	3.07E-02	1.18E-02
2053-06-01	27	8.54E+00	6.08E-03	5.62E+01	8.82E-02	9.98E-03	2.09E-01	1.23E+01	1.56E-02	1.36E-03	4.18E-04	1.08E-03	1.47E-01	1.88E-01	1.79E-02	2.81E-06	1.09E-02	1.28E-02	1.96E-03	6.73E-04	3.04E-02	1.17E-02
2053-07-01	27	8.62E+00	6.14E-03	5.67E+01	8.90E-02	1.01E-02	2.10E-01	1.25E+01	1.57E-02	1.38E-03	4.22E-04	1.09E-03	1.49E-01	1.90E-01	1.79E-02	2.83E-06	1.10E-02	1.30E-02	1.98E-03	6.80E-04	3.07E-02	1.18E-02
2053-08-01	27	8.68E+00	6.18E-03	5.71E+01	8.96E-02	1.01E-02	2.11E-01	1.26E+01	1.58E-02	1.39E-03	4.25E-04	1.10E-03	1.50E-01	1.91E-01	1.79E-02	2.85E-06	1.11E-02	1.31E-02	1.99E-03	6.84E-04	3.09E-02	1.19E-02
2053-09-01	27	8.74E+00	6.22E-03	5.75E+01	9.01E-02	1.02E-02	2.12E-01	1.26E+01	1.58E-02	1.40E-03	4.28E-04	1.11E-03	1.51E-01	1.93E-01	1.80E-02	2.86E-06	1.12E-02	1.31E-02	2.01E-03	6.88E-04	3.11E-02	1.19E-02
2053-10-01	27	8.72E+00	6.21E-03	5.74E+01	9.00E-02	1.02E-02	2.12E-01	1.26E+01	1.58E-02	1.40E-03	4.27E-04	1.11E-03	1.50E-01	1.92E-01	1.79E-02	2.86E-06	1.12E-02	1.31E-02	2.00E-03	6.87E-04	3.11E-02	1.19E-02
2053-11-01	27	8.71E+00	6.20E-03	5.73E+01	8.99E-02	1.02E-02	2.11E-01	1.26E+01	1.58E-02	1.39E-03	4.27E-04	1.10E-03	1.50E-01	1.92E-01	1.79E-02	2.86E-06	1.11E-02	1.31E-02	2.00E-03	6.86E-04	3.10E-02	1.19E-02
2053-12-01	27	8.79E+00	6.26E-03	5.78E+01	9.06E-02	1.03E-02	2.13E-01	1.27E+01	1.59E-02	1.41E-03	4.31E-04	1.11E-03	1.52E-01	1.94E-01	1.80E-02	2.88E-06	1.12E-02	1.32E-02	2.02E-03	6.92E-04	3.13E-02	1.20E-02
2054-01-01	28	8.80E+00	6.26E-03	5.79E+01	9.07E-02	1.03E-02	2.13E-01	1.27E+01	1.59E-02	1.41E-03	4.31E-04	1.11E-03	1.52E-01	1.94E-01	1.80E-02	2.88E-06	1.13E-02	1.32E-02	2.02E-03	6.92E-04	3.13E-02	1.20E-02
2054-02-01	28	8.80E+00	6.27E-03	5.79E+01	9.07E-02	1.03E-02	2.13E-01	1.27E+01	1.59E-02	1.41E-03	4.31E-04	1.12E-03	1.52E-01	1.94E-01	1.80E-02	2.88E-06	1.13E-02	1.32E-02	2.02E-03	6.92E-04	3.13E-02	1.20E-02
2054-03-01	28	8.81E+00	6.27E-03	5.79E+01	9.07E-02	1.03E-02	2.13E-01	1.27E+01	1.59E-02	1.41E-03	4.31E-04	1.12E-03	1.52E-01	1.94E-01	1.80E-02	2.88E-06	1.13E-02	1.32E-02	2.02E-03	6.92E-04	3.14E-02	1.20E-02
2054-04-01	28	8.81E+00	6.27E-03	5.80E+01	9.08E-02	1.03E-02	2.13E-01	1.27E+01	1.59E-02	1.41E-03	4.31E-04	1.12E-03	1.52E-01	1.94E-01	1.80E-02	2.88E-06	1.13E-02	1.33E-02	2.02E-03	6.93E-04	3.14E-02	1.20E-02
2054-05-01	28	8.69E+00	6.19E-03	5.76E+01	9.00E-02	1.02E-02	2.10E-01	1.26E+01	1.59E-02	1.40E-03	4.24E-04	1.11E-03	1.49E-01	1.93E-01	1.80E-02	2.84E-06	1.12E-02	1.31E-02	2.00E-03	6.85E-04	3.12E-02	1.18E-02
2054-06-01	28	8.59E+00	6.12E-03	5.70E+01	8.91E-02	1.01E-02	2.08E-01	1.24E+01	1.58E-02	1.39E-03	4.18E-04	1.10E-03	1.47E-01	1.91E-01	1.79E-02	2.81E-06	1.11E-02	1.30E-02	1.98E-03	6.78E-04	3.09E-02	1.17E-02
2054-07-01	28	8.68E+00	6.18E-03	5.75E+01	9.00E-02	1.02E-02	2.10E-01	1.25E+01	1.59E-02	1.40E-03	4.23E-04	1.11E-03	1.48E-01	1.92E-01	1.80E-02	2.83E						

Pond_ 2 10ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead	Antimony	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc	Phosphorus mg/L
2058-04-01	32	1.78E+00	4.47E-03	4.47E+01	2.19E-02	2.42E-03	3.10E-01	2.55E+00	1.66E-02	6.07E-04	3.94E-04	5.92E-04	2.48E-01	5.24E-02	1.57E-02	2.73E-06	4.68E-03	1.57E-03	1.23E-03	7.19E-04	1.34E-02	2.34E-02
2058-05-01	32	1.77E+00	4.43E-03	4.36E+01	2.16E-02	2.33E-03	3.09E-01	2.55E+00	1.62E-02	5.86E-04	3.93E-04	5.70E-04	2.47E-01	5.04E-02	1.57E-02	2.72E-06	4.50E-03	1.55E-03	1.20E-03	7.12E-04	1.30E-02	2.33E-02
2058-06-01	32	1.77E+00	4.39E-03	4.27E+01	2.13E-02	2.26E-03	3.08E-01	2.55E+00	1.60E-02	5.69E-04	3.92E-04	5.52E-04	2.46E-01	4.89E-02	1.57E-02	2.72E-06	4.36E-03	1.53E-03	1.18E-03	7.06E-04	1.26E-02	2.32E-02
2058-07-01	32	1.78E+00	4.41E-03	4.27E+01	2.13E-02	2.25E-03	3.10E-01	2.56E+00	1.60E-02	5.67E-04	3.95E-04	5.50E-04	2.47E-01	4.87E-02	1.56E-02	2.73E-06	4.34E-03	1.53E-03	1.18E-03	7.09E-04	1.25E-02	2.33E-02
2058-08-01	32	1.80E+00	4.44E-03	4.29E+01	2.14E-02	2.26E-03	3.11E-01	2.58E+00	1.60E-02	5.69E-04	3.97E-04	5.52E-04	2.49E-01	4.89E-02	1.57E-02	2.75E-06	4.36E-03	1.54E-03	1.18E-03	7.13E-04	1.26E-02	2.35E-02
2058-09-01	32	1.81E+00	4.47E-03	4.32E+01	2.15E-02	2.27E-03	3.13E-01	2.60E+00	1.60E-02	5.72E-04	4.00E-04	5.55E-04	2.51E-01	4.91E-02	1.57E-02	2.77E-06	4.38E-03	1.54E-03	1.19E-03	7.17E-04	1.26E-02	2.36E-02
2058-10-01	32	1.80E+00	4.44E-03	4.29E+01	2.14E-02	2.26E-03	3.11E-01	2.59E+00	1.60E-02	5.68E-04	3.98E-04	5.51E-04	2.49E-01	4.88E-02	1.57E-02	2.75E-06	4.35E-03	1.53E-03	1.18E-03	7.13E-04	1.26E-02	2.35E-02
2058-11-01	32	1.79E+00	4.41E-03	4.25E+01	2.13E-02	2.24E-03	3.10E-01	2.57E+00	1.59E-02	5.63E-04	3.95E-04	5.46E-04	2.47E-01	4.84E-02	1.56E-02	2.74E-06	4.31E-03	1.53E-03	1.17E-03	7.08E-04	1.25E-02	2.33E-02
2058-12-01	32	1.78E+00	4.38E-03	4.23E+01	2.12E-02	2.23E-03	3.08E-01	2.56E+00	1.59E-02	5.60E-04	3.93E-04	5.44E-04	2.46E-01	4.81E-02	1.56E-02	2.73E-06	4.29E-03	1.53E-03	1.17E-03	7.04E-04	1.24E-02	2.32E-02
2059-01-01	33	1.78E+00	4.38E-03	4.23E+01	2.12E-02	2.22E-03	3.08E-01	2.56E+00	1.59E-02	5.60E-04	3.93E-04	5.43E-04	2.46E-01	4.81E-02	1.56E-02	2.72E-06	4.29E-03	1.53E-03	1.16E-03	7.04E-04	1.24E-02	2.32E-02
2059-02-01	33	1.78E+00	4.38E-03	4.23E+01	2.12E-02	2.22E-03	3.08E-01	2.56E+00	1.59E-02	5.59E-04	3.93E-04	5.43E-04	2.46E-01	4.81E-02	1.56E-02	2.73E-06	4.28E-03	1.52E-03	1.16E-03	7.04E-04	1.24E-02	2.32E-02
2059-03-01	33	1.78E+00	4.38E-03	4.22E+01	2.12E-02	2.22E-03	3.08E-01	2.56E+00	1.59E-02	5.59E-04	3.93E-04	5.42E-04	2.46E-01	4.80E-02	1.56E-02	2.73E-06	4.28E-03	1.52E-03	1.16E-03	7.04E-04	1.24E-02	2.32E-02
2059-04-01	33	1.79E+00	4.39E-03	4.21E+01	2.12E-02	2.20E-03	3.09E-01	2.57E+00	1.58E-02	5.55E-04	3.94E-04	5.38E-04	2.46E-01	4.77E-02	1.56E-02	2.73E-06	4.24E-03	1.52E-03	1.16E-03	7.05E-04	1.23E-02	2.33E-02
2059-05-01	33	1.78E+00	4.35E-03	4.10E+01	2.09E-02	2.11E-03	3.08E-01	2.57E+00	1.55E-02	5.34E-04	3.93E-04	5.16E-04	2.45E-01	4.57E-02	1.56E-02	2.73E-06	4.06E-03	1.50E-03	1.13E-03	6.98E-04	1.18E-02	2.32E-02
2059-06-01	33	1.78E+00	4.32E-03	4.01E+01	2.07E-02	2.04E-03	3.07E-01	2.57E+00	1.52E-02	5.17E-04	3.92E-04	4.99E-04	2.45E-01	4.42E-02	1.56E-02	2.72E-06	3.92E-03	1.49E-03	1.11E-03	6.92E-04	1.14E-02	2.31E-02
2059-07-01	33	1.79E+00	4.33E-03	4.01E+01	2.06E-02	2.03E-03	3.08E-01	2.58E+00	1.52E-02	5.15E-04	3.95E-04	4.96E-04	2.46E-01	4.40E-02	1.56E-02	2.74E-06	3.91E-03	1.49E-03	1.11E-03	6.95E-04	1.14E-02	2.32E-02
2059-08-01	33	1.81E+00	4.36E-03	4.03E+01	2.07E-02	2.04E-03	3.10E-01	2.60E+00	1.52E-02	5.16E-04	3.98E-04	4.98E-04	2.48E-01	4.41E-02	1.56E-02	2.75E-06	3.92E-03	1.49E-03	1.11E-03	6.99E-04	1.14E-02	2.34E-02
2059-09-01	33	1.82E+00	4.39E-03	4.05E+01	2.08E-02	2.05E-03	3.12E-01	2.62E+00	1.53E-02	5.19E-04	4.00E-04	5.00E-04	2.49E-01	4.44E-02	1.56E-02	2.77E-06	3.94E-03	1.49E-03	1.12E-03	7.03E-04	1.15E-02	2.35E-02
2059-10-01	33	1.81E+00	4.36E-03	4.02E+01	2.07E-02	2.03E-03	3.10E-01	2.61E+00	1.52E-02	5.15E-04	3.98E-04	4.97E-04	2.48E-01	4.40E-02	1.56E-02	2.75E-06	3.91E-03	1.49E-03	1.11E-03	6.98E-04	1.14E-02	2.34E-02
2059-11-01	33	1.80E+00	4.33E-03	3.99E+01	2.06E-02	2.02E-03	3.08E-01	2.59E+00	1.52E-02	5.11E-04	3.95E-04	4.93E-04	2.46E-01	4.37E-02	1.56E-02	2.74E-06	3.87E-03	1.48E-03	1.10E-03	6.93E-04	1.13E-02	2.32E-02
2059-12-01	33	1.79E+00	4.31E-03	3.97E+01	2.05E-02	2.01E-03	3.07E-01	2.58E+00	1.51E-02	5.08E-04	3.93E-04	4.90E-04	2.44E-01	4.35E-02	1.56E-02	2.73E-06	3.85E-03	1.48E-03	1.10E-03	6.90E-04	1.12E-02	2.31E-02
2060-01-01	34	1.79E+00	4.30E-03	3.97E+01	2.05E-02	2.01E-03	3.07E-01	2.58E+00	1.51E-02	5.08E-04	3.93E-04	4.90E-04	2.44E-01	4.34E-02	1.56E-02	2.73E-06	3.85E-03	1.48E-03	1.10E-03	6.90E-04	1.12E-02	2.31E-02
2060-02-01	34	1.79E+00	4.30E-03	3.97E+01	2.05E-02	2.00E-03	3.07E-01	2.58E+00	1.51E-02	5.08E-04	3.93E-04	4.89E-04	2.44E-01	4.34E-02	1.56E-02	2.73E-06	3.85E-03	1.48E-03	1.10E-03	6.90E-04	1.12E-02	2.31E-02
2060-03-01	34	1.79E+00	4.31E-03	3.97E+01	2.05E-02	2.00E-03	3.07E-01	2.58E+00	1.51E-02	5.07E-04	3.94E-04	4.89E-04	2.45E-01	4.33E-02	1.56E-02	2.73E-06	3.84E-03	1.48E-03	1.10E-03	6.90E-04	1.12E-02	2.31E-02
2060-04-01	34	1.80E+00	4.31E-03	3.95E+01	2.05E-02	1.98E-03	3.08E-01	2.59E+00	1.50E-02	5.03E-04	3.95E-04	4.84E-04	2.45E-01	4.30E-02	1.56E-02	2.73E-07						

Pond_ 2 10ppmTSS

Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2064-01-01	38	1.82E+00	4.00E-03	2.96E+01	1.79E-02	1.16E-03	3.02E-01	2.66E+00	1.22E-02	3.06E-04	3.94E-04	2.81E-04	2.39E-01	2.52E-02	1.54E-02	2.73E-06	2.16E-03	1.30E-03	8.37E-04	6.35E-04	6.78E-03	2.27E-02
2064-02-01	38	1.83E+00	4.00E-03	2.96E+01	1.79E-02	1.16E-03	3.02E-01	2.66E+00	1.22E-02	3.06E-04	3.95E-04	2.81E-04	2.39E-01	2.52E-02	1.54E-02	2.73E-06	2.16E-03	1.30E-03	8.37E-04	6.35E-04	6.77E-03	2.27E-02
2064-03-01	38	1.83E+00	4.00E-03	2.95E+01	1.79E-02	1.15E-03	3.02E-01	2.66E+00	1.22E-02	3.05E-04	3.95E-04	2.80E-04	2.40E-01	2.51E-02	1.54E-02	2.73E-06	2.15E-03	1.30E-03	8.36E-04	6.35E-04	6.75E-03	2.27E-02
2064-04-01	38	1.83E+00	4.00E-03	2.94E+01	1.78E-02	1.13E-03	3.03E-01	2.67E+00	1.21E-02	3.00E-04	3.96E-04	2.75E-04	2.40E-01	2.47E-02	1.54E-02	2.74E-06	2.11E-03	1.29E-03	8.32E-04	6.35E-04	6.65E-03	2.27E-02
2064-05-01	38	1.83E+00	3.96E-03	2.83E+01	1.75E-02	1.05E-03	3.02E-01	2.66E+00	1.18E-02	2.80E-04	3.95E-04	2.55E-04	2.39E-01	2.29E-02	1.54E-02	2.73E-06	1.95E-03	1.28E-03	8.05E-04	6.29E-04	6.21E-03	2.26E-02
2064-06-01	38	1.82E+00	3.93E-03	2.75E+01	1.73E-02	9.80E-04	3.01E-01	2.66E+00	1.16E-02	2.65E-04	3.94E-04	2.39E-04	2.38E-01	2.15E-02	1.54E-02	2.73E-06	1.82E-03	1.26E-03	7.84E-04	6.24E-04	5.87E-03	2.26E-02
2064-07-01	38	1.84E+00	3.95E-03	2.74E+01	1.73E-02	9.65E-04	3.02E-01	2.68E+00	1.15E-02	2.62E-04	3.96E-04	2.35E-04	2.40E-01	2.12E-02	1.54E-02	2.74E-06	1.79E-03	1.26E-03	7.82E-04	6.26E-04	5.79E-03	2.27E-02
2064-08-01	38	1.85E+00	3.97E-03	2.75E+01	1.73E-02	9.64E-04	3.04E-01	2.70E+00	1.15E-02	2.61E-04	3.99E-04	2.35E-04	2.41E-01	2.12E-02	1.54E-02	2.76E-06	1.78E-03	1.26E-03	7.85E-04	6.29E-04	5.79E-03	2.29E-02
2064-09-01	38	1.86E+00	4.00E-03	2.77E+01	1.74E-02	9.68E-04	3.06E-01	2.72E+00	1.15E-02	2.62E-04	4.02E-04	2.36E-04	2.43E-01	2.13E-02	1.54E-02	2.77E-06	1.79E-03	1.26E-03	7.90E-04	6.33E-04	5.81E-03	2.30E-02
2064-10-01	38	1.85E+00	3.97E-03	2.75E+01	1.73E-02	9.60E-04	3.04E-01	2.70E+00	1.15E-02	2.60E-04	4.00E-04	2.34E-04	2.41E-01	2.11E-02	1.54E-02	2.76E-06	1.78E-03	1.26E-03	7.84E-04	6.29E-04	5.76E-03	2.29E-02
2064-11-01	38	1.84E+00	3.94E-03	2.73E+01	1.73E-02	9.52E-04	3.02E-01	2.69E+00	1.15E-02	2.58E-04	3.97E-04	2.32E-04	2.39E-01	2.09E-02	1.54E-02	2.74E-06	1.76E-03	1.26E-03	7.78E-04	6.24E-04	5.72E-03	2.27E-02
2064-12-01	38	1.83E+00	3.92E-03	2.71E+01	1.72E-02	9.47E-04	3.01E-01	2.67E+00	1.15E-02	2.57E-04	3.95E-04	2.31E-04	2.38E-01	2.08E-02	1.54E-02	2.73E-06	1.75E-03	1.25E-03	7.74E-04	6.22E-04	5.69E-03	2.26E-02
2065-01-01	39	1.83E+00	3.92E-03	2.71E+01	1.72E-02	9.46E-04	3.01E-01	2.67E+00	1.15E-02	2.57E-04	3.95E-04	2.31E-04	2.38E-01	2.08E-02	1.54E-02	2.73E-06	1.75E-03	1.25E-03	7.73E-04	6.21E-04	5.69E-03	2.26E-02
2065-02-01	39	1.84E+00	3.93E-03	2.71E+01	1.72E-02	9.45E-04	3.01E-01	2.68E+00	1.15E-02	2.57E-04	3.95E-04	2.30E-04	2.39E-01	2.08E-02	1.54E-02	2.73E-06	1.75E-03	1.25E-03	7.74E-04	6.22E-04	5.68E-03	2.25E-02
2065-03-01	39	1.84E+00	3.94E-03	2.71E+01	1.72E-02	9.44E-04	3.02E-01	2.69E+00	1.15E-02	2.57E-04	3.95E-04	2.30E-04	2.40E-01	2.08E-02	1.54E-02	2.73E-06	1.74E-03	1.26E-03	7.76E-04	6.24E-04	5.68E-03	2.25E-02
2065-04-01	39	1.87E+00	4.00E-03	2.68E+01	1.73E-02	9.38E-04	3.06E-01	2.73E+00	1.14E-02	2.55E-04	3.95E-04	2.29E-04	2.43E-01	2.06E-02	1.54E-02	2.73E-06	1.73E-03	1.26E-03	7.82E-04	6.32E-04	5.65E-03	2.23E-02
2065-05-01	39	1.96E+00	4.17E-03	2.56E+01	1.74E-02	9.02E-04	3.18E-01	2.86E+00	1.13E-02	2.48E-04	3.90E-04	2.19E-04	2.55E-01	1.98E-02	1.54E-02	2.72E-06	1.65E-03	1.26E-03	7.96E-04	6.56E-04	5.47E-03	2.10E-02
2065-06-01	39	2.04E+00	4.31E-03	2.46E+01	1.75E-02	8.71E-04	3.28E-01	2.98E+00	1.12E-02	2.41E-04	3.87E-04	2.12E-04	2.66E-01	1.91E-02	1.54E-02	2.70E-06	1.58E-03	1.26E-03	8.08E-04	6.76E-04	5.32E-03	2.00E-02
2065-07-01	39	2.08E+00	4.40E-03	2.44E+01	1.76E-02	8.66E-04	3.34E-01	3.05E+00	1.11E-02	2.40E-04	3.88E-04	2.10E-04	2.71E-01	1.90E-02	1.54E-02	2.71E-06	1.57E-03	1.27E-03	8.18E-04	6.88E-04	5.29E-03	1.97E-02
2065-08-01	39	2.11E+00	4.45E-03	2.44E+01	1.76E-02	8.68E-04	3.38E-01	3.09E+00	1.11E-02	2.41E-04	3.91E-04	2.11E-04	2.75E-01	1.91E-02	1.54E-02	2.73E-06	1.57E-03	1.27E-03	8.26E-04	6.96E-04	5.31E-03	1.97E-02
2065-09-01	39	2.13E+00	4.49E-03	2.45E+01	1.77E-02	8.73E-04	3.40E-01	3.12E+00	1.12E-02	2.43E-04	3.93E-04	2.12E-04	2.77E-01	1.92E-02	1.54E-02	2.73E-06	1.58E-03	1.28E-03	8.33E-04	7.01E-04	5.34E-03	1.98E-02
2065-10-01	39	2.12E+00	4.47E-03	2.43E+01	1.77E-02	8.66E-04	3.39E-01	3.11E+00	1.11E-02	2.41E-04	3.91E-04	2.10E-04	2.76E-01	1.90E-02	1.54E-02	2.73E-06	1.57E-03	1.27E-03	8.28E-04	6.98E-04	5.30E-03	1.96E-02
2065-11-01	39	2.11E+00	4.44E-03	2.41E+01	1.76E-02	8.59E-04	3.37E-01	3.09E+00	1.11E-02	2.39E-04	3.88E-04	2.08E-04	2.74E-01	1.89E-02	1.54E-02	2.71E-06	1.56E-03	1.27E-03	8.22E-04	6.94E-04	5.26E-03	1.95E-02
2065-12-01	39	2.10E+00	4.42E-03	2.40E+01	1.76E-02	8.54E-04	3.36E-01	3.08E+00	1.11E-02	2.38E-04	3.86E-04	2.07E-04	2.73E-01	1.88E-02	1.54E-02	2.70E-06	1.55E-03	1.27E-03	8.18E-04	6.91E-04	5.23E-03	1.94E-02
2066-01-01	40	2.10E+00	4.42E-03	2.40E+01	1.76E-02	8.54E-04	3.36E-01	3.08E+00	1.11E-02	2.38E-04	3.86E-04	2.07E-04	2.73E-01	1.88E-02	1.54E-02	2.70E-06	1.55E-03	1.27E-03	8.17E-04	6.90E-04	5.23E-03	1.93E-02
2066-02-01	40	2.11E+00	4.43E-03	2.39E+01	1.76E-02	8.53E-04	3.36E-01	3.08E+00	1.11E-02	2.38E-04	3.86E-04	2.07E-04	2.73E-01	1.87E-02	1.54E-02	2.70E-06	1.54E-03	1.27E-03	8.19E-04	6.92E-04	5.23E-03	1.93E-02
2066-03-01	40	2.12E+00	4.44E-03	2.39E+01	1.76E-02	8.52E-04	3.37E-01	3.10E+00	1.11E-02	2.37E-04	3.86E-04	2.07E-04	2.75E-01	1.87E-02	1.54E-02	2.70E-06	1.54E-03	1.27E-03	8.21E-04	6.94E-04	5.22E-03	1.92E-02
2066-04-01	40	2.15E+00	4.52E-03	2.36E+01	1.77E-02	8.47E-04	3.43E-01	3.15E+00	1.11E-02	2.37E-04	3.86E-04	2.05E-04	2.80E-01	1.86E-02	1.54E-02	2.71E-06	1.53E-03	1.27E-03	8.30E-04	7.05E-04	5.20E-03	1.89E-02
2066-05-01	40	2.29E+00	4.78E-03	2.20E+01	1.79E-02	8.12E-04	3.61E-01	3.36E+00	1.09E-02	2.30E-04	3.79E-04	1.96E-04	2.98E-01	1.78E-02	1.54E-02	2.68E-06	1.45E-03	1.28E-03	8.57E-04	7.42E-04	5.03E-03	1.70E-02
2066-06-01	40	2.42E+00	5.04E-03	2.05E+01	1.81E-02	7.80E-04	3.78E-01	3.55E+00	1.08E-02	2.24E-04	3.74E-04	1.88E-04	3.15E-01	1.71E-02	1.54E-02	2.66E-06	1.38E-03	1.29E-03	8.84E-04	7.78E-04	4.88E-03	1.53E-02
2066-07-01	40	2.49E+00	5.18E-03	2.01E+01	1.82E-02	7.72E-04	3.88E-01	3.66E+00	1.08E-02	2.23E-04	3.74E-04	1.86E-04	3.25E-01	1.69E-02	1.54E-02	2.67E-06	1.36E-03	1.30E-03	9.01E-04	7.98E-04	4.85E-03	1.47E-02
2066-08-01	40	2.54E+00	5.27E-03	1.99E+01	1.84E-02	7.73E-04	3.94E-01	3.74E+00	1.07E-02	2.23E-04	3.76E-04	1.86E-04	3.31E-01	1.69E-02	1.54E-02	2.68E-06	1.35E-03	1.30E-03	9.14E-04	8.11E-04	4.85E-03	1.45E-02
2066-09-01	40	2.58E+00	5.34E-03	2.00E+01	1.84E-02	7.77E-04	3.98E-01	3.78E+00	1.08E-02	2.24E-04	3.79E-04	1.87E-04	3.35E-01	1.70E-02	1.54E-02	2.70E-06	1.36E-03	1.31E-03	9.24E-04	8.20E-04	4.88E-03	1.45E-02
2066-10-01	40	2.57E+00	5.32E-03	1.98E+01	1.84E-02	7.70E-04	3.97E-01	3.78E+00	1.07E-02	2.23E-04	3.77E-04	1.85E-04	3.35E-01	1.69E-02	1.54E-02	2.69E-06	1.35E-03	1.31E-03	9.20E-04	8.18E-04	4.84E-03	1.43E-02
2066-11-01	40	2.56E+00	5.29E-03	1.96E+01	1.83E-02	7.63E-04	3.95E-01	3.76E+00	1.07E-02	2.21E-04	3.74E-04	1.83E-04	3.33E-01	1.67E-02	1.54E-02	2.67E-06	1.33E-03	1.30E-03	9.14E-04	8.13E-04	4.80E-03	1.41E-02
2066-12-01	40	2.55E+00	5.27E-03	1.94E+01	1.83E-02	7.59E-04	3.94E-01	3.74E+00	1.07E-02	2.20E-04	3.72E-04	1.82E-04	3.31E-01	1.66E-02	1.54E-02	2.66E-06	1.32E-03	1.30E-03	9.10E-04	8.10E-04	4.78E-03	1.40E-02
2067-01-01	41	2.55E+00	5.26E-03	1.94E+01	1.83E-02	7.58E-04	3.94E-01	3.74E+00	1.07E-02	2.20E-04	3.71E-04	1.82E-04	3.31E-01	1.66E-02	1.54E-02	2.66E-06	1.32E-03	1.30E-03	9.09E-04	8.09E-04	4.77E-03	1.40E-02
2067-02-01	41	2.55E+00	5.27E-03	1.94E+01	1.83E-02	7.56E-04	3.94E-01	3.75E+00	1.07E-02	2.19E-04	3.71E-04	1.82E-04	3.31E-01	1.66E-02	1.54E-02	2.66E-06	1.32E-03	1.30E-03	9.10E-04	8.10E-04	4.77E-03	1.40E-02
2067-03-01	41	2.56E+00	5.29E-03	1.93E+01	1.83E-02	7.54E-04	3.95E-01	3.76E+00	1.07E-02	2.19E-04	3.72E-04	1.81E-04	3.32E-01	1.65E-02	1.54E-02	2.66E-06	1.31E-03	1.30E-03	9.11E-04	8.12E-04	4.76E-03	1.39E-02
2067-04-01	41	2.59E+00	5.34E-03	1.90E+01	1.84E-02	7.41E-04	3.99E-01	3.81E+00	1.06E-02	2.16E-04	3.72E-04	1.78E-04	3.37E-01	1.63E-02	1.54E-02	2.66E-06	1.29E-03	1.30E-03	9.16E-04	8.20E-04	4.69E-03	1.36E-02
2067-0																						

Pond_2 15ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
Pond 2 Statistics (Year 4 to Year 42)																							
Minimum		0.162	0.083	0.00645	0.000144	0.00431	0.00157	0.00021	0.0000049	7.979E-07	0.685782	7.50175E-06	0.0000745	0.002225	3.5045E-06	0.00028815	1.9718E-06	0.8305	1.0689E-06	0.00109451	0.01303827	0.0010978	0.866469
P10		21.45	11	1.275	0.02645	1.545	0.123	0.0246	0.000967	0.00000563	0.71155	0.000007705	0.0009772	0.024465	0.000006345	0.000699	8.2355E-06	11.7615	1.06955E-05	0.0012115	0.013214	0.0023975	0.9011
Median		63.45	31.9	4.415	0.06205	9.185	0.244	0.0268	0.002635	0.00000573	0.712	0.000007723	0.0058452	0.031965	0.0000066	0.001849	8.4605E-06	30.4615	2.23205E-05	0.0013905	0.0132265	0.0044525	0.90625
P90		149	74.1	7.12	0.155	22.45	0.329	0.0277	0.00484	0.00000582	0.7124	0.000007731	0.0146052	0.050165	0.00000671	0.004464	9.1255E-06	47.6115	4.73705E-05	0.0016935	0.01327	0.0083575	0.92395
Maximum		161	80	7.69	0.168	24.5	0.468	0.0278	0.00618	0.00000592	0.7139	0.000007732	0.0158552	0.072115	0.00000672	0.005389	1.05455E-05	49.9615	5.09705E-05	0.0017435	0.013361	0.0089775	0.9618
Monthly Results																							
2030-02-01	4	0.162	0.08	0.00645	0.000144	0.00431	0.00157	0.00021	4.90E-06	7.98E-07	6.86E-01	7.50E-06	7.45E-05	2.23E-03	3.50E-06	2.88E-04	1.97E-06	8.31E-01	1.07E-06	1.09E-03	1.30E-02	1.10E-03	8.66E-01
2030-03-01	4	0.426	0.22	0.0169	0.000381	0.0114	0.00414	0.000553	1.29E-05	8.76E-07	6.86E-01	7.50E-06	1.06E-04	3.38E-03	3.54E-06	3.03E-04	2.11E-06	1.11E+00	1.23E-06	1.10E-03	1.30E-02	1.11E-03	8.68E-01
2030-04-01	4	1.69	0.86	0.067	0.00153	0.0455	0.0166	0.0022	5.12E-05	1.25E-06	6.88E-01	7.52E-06	2.55E-04	8.89E-03	3.74E-06	3.74E-04	2.78E-06	2.43E+00	1.99E-06	1.10E-03	1.31E-02	1.19E-03	8.76E-01
2030-05-01	4	6.98	3.57	0.277	0.00641	0.19	0.0696	0.00911	0.000212	2.82E-06	6.98E-01	7.58E-06	8.84E-04	3.20E-02	4.54E-06	6.73E-04	5.61E-06	8.01E+00	5.20E-06	1.14E-03	1.32E-02	1.53E-03	9.07E-01
2030-06-01	4	12.1	6.19	0.481	0.0112	0.333	0.122	0.0158	0.000369	4.34E-06	7.07E-01	7.63E-06	1.50E-03	5.44E-02	5.33E-06	9.64E-04	8.34E-06	1.35E+01	8.30E-06	1.17E-03	1.33E-02	1.85E-03	9.38E-01
2030-07-01	4	14.3	7.32	0.568	0.0134	0.396	0.146	0.0188	0.000437	5.01E-06	7.11E-01	7.66E-06	1.76E-03	6.40E-02	5.67E-06	1.09E-03	9.52E-06	1.59E+01	9.64E-06	1.18E-03	1.33E-02	1.99E-03	9.51E-01
2030-08-01	4	15.4	7.88	0.612	0.0146	0.43	0.158	0.0203	0.000471	5.34E-06	7.12E-01	7.67E-06	1.89E-03	6.88E-02	5.84E-06	1.15E-03	1.01E-05	1.71E+01	1.03E-05	1.19E-03	1.33E-02	2.06E-03	9.57E-01
2030-09-01	4	15.9	8.16	0.633	0.0152	0.447	0.165	0.021	0.000488	5.50E-06	7.13E-01	7.68E-06	1.96E-03	7.11E-02	5.93E-06	1.18E-03	1.04E-05	1.77E+01	1.06E-05	1.19E-03	1.34E-02	2.10E-03	9.60E-01
2030-10-01	4	16.2	8.27	0.642	0.0155	0.457	0.168	0.0213	0.000496	5.58E-06	7.14E-01	7.68E-06	1.98E-03	7.20E-02	5.97E-06	1.20E-03	1.05E-05	1.80E+01	1.08E-05	1.19E-03	1.34E-02	2.11E-03	9.62E-01
2030-11-01	4	16.2	8.29	0.644	0.0157	0.461	0.17	0.0214	0.000498	5.60E-06	7.14E-01	7.68E-06	1.99E-03	7.21E-02	5.98E-06	1.20E-03	1.05E-05	1.81E+01	1.08E-05	1.19E-03	1.34E-02	2.11E-03	9.62E-01
2030-12-01	4	16.2	8.28	0.643	0.0158	0.463	0.171	0.0215	0.000498	5.60E-06	7.14E-01	7.68E-06	1.99E-03	7.21E-02	5.98E-06	1.20E-03	1.05E-05	1.81E+01	1.08E-05	1.19E-03	1.34E-02	2.11E-03	9.62E-01
2031-01-01	5	16.2	8.29	0.643	0.0158	0.464	0.172	0.0215	0.000499	5.60E-06	7.14E-01	7.68E-06	1.99E-03	7.21E-02	5.98E-06	1.20E-03	1.05E-05	1.81E+01	1.08E-05	1.19E-03	1.34E-02	2.11E-03	9.62E-01
2031-02-01	5	16.4	8.38	0.651	0.0157	0.472	0.17	0.0216	0.000504	5.60E-06	7.14E-01	7.68E-06	2.01E-03	7.15E-02	6.00E-06	1.21E-03	1.05E-05	1.83E+01	1.08E-05	1.19E-03	1.34E-02	2.12E-03	9.61E-01
2031-03-01	5	16.7	8.52	0.664	0.0156	0.486	0.167	0.0218	0.000513	5.61E-06	7.14E-01	7.68E-06	2.04E-03	7.07E-02	6.02E-06	1.22E-03	1.05E-05	1.85E+01	1.08E-05	1.19E-03	1.34E-02	2.13E-03	9.59E-01
2031-04-01	5	18	9.17	0.721	0.0151	0.547	0.155	0.0225	0.000552	5.64E-06	7.14E-01	7.69E-06	2.17E-03	6.69E-02	6.11E-06	1.27E-03	1.02E-05	1.96E+01	1.08E-05	1.20E-03	1.33E-02	2.17E-03	9.52E-01
2031-05-01	5	22	11.10	0.889	0.0133	0.731	0.117	0.0248	0.000665	5.69E-06	7.12E-01	7.71E-06	2.57E-03	5.43E-02	6.37E-06	1.41E-03	9.25E-06	2.27E+01	1.07E-05	1.20E-03	1.33E-02	2.30E-03	9.28E-01
2031-06-01	5	23.5	11.80	0.958	0.0124	0.81	0.0971	0.0255	0.000711	5.64E-06	7.12E-01	7.71E-06	2.73E-03	4.75E-02	6.46E-06	1.46E-03	8.70E-06	2.40E+01	1.05E-05	1.20E-03	1.32E-02	2.35E-03	9.15E-01
2031-07-01	5	24.2	12.10	0.984	0.0124	0.838	0.0947	0.026	0.00073	5.69E-06	7.12E-01	7.72E-06	2.80E-03	4.66E-02	6.51E-06	1.49E-03	8.67E-06	2.45E+01	1.06E-05	1.20E-03	1.32E-02	2.37E-03	9.13E-01
2031-08-01	5	24.6	12.30	1	0.0125	0.856	0.0949	0.0264	0.000743	5.75E-06	7.12E-01	7.72E-06	2.84E-03	4.66E-02	6.56E-06	1.51E-03	8.71E-06	2.49E+01	1.07E-05	1.21E-03	1.32E-02	2.39E-03	9.13E-01
2031-09-01	5	25.2	12.60	1.03	0.0128	0.881	0.0973	0.0271	0.000763	5.88E-06	7.13E-01	7.73E-06	2.92E-03	4.75E-02	6.64E-06	1.54E-03	8.86E-06	2.56E+01	1.09E-05	1.21E-03	1.32E-02	2.42E-03	9.13E-01
2031-10-01	5	24.9	12.50	1.01	0.0127	0.871	0.0964	0.0267	0.000753	5.80E-06	7.12E-01	7.72E-06	2.88E-03	4.66E-02	6.59E-06	1.52E-03	8.74E-06	2.53E+01	1.08E-05	1.21E-03	1.32E-02	2.40E-03	9.12E-01
2031-11-01	5	24.6	12.30	1	0.0126	0.865	0.0961	0.0264	0.000745	5.75E-06	7.12E-01	7.72E-06	2.85E-03	4.60E-02	6.56E-06	1.51E-03	8.67E-06	2.51E+01	1.07E-05				

Pond_2 15ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2035-04-01	9	42.3	21.10	1.87	0.0359	4.19	0.126	0.0266	0.00108	5.75E-06	7.12E-01	7.72E-06	4.42E-03	6.00E-02	6.58E-06	1.59E-03	8.59E-06	2.96E+01	1.59E-05	1.27E-03	1.32E-02	3.23E-03	9.10E-01
2035-05-01	9	46.7	23.30	2.09	0.0398	4.73	0.131	0.0265	0.00117	5.73E-06	7.12E-01	7.72E-06	4.82E-03	5.49E-02	6.57E-06	1.66E-03	8.58E-06	3.07E+01	1.72E-05	1.29E-03	1.32E-02	3.44E-03	9.10E-01
2035-06-01	9	48.1	24.00	2.16	0.0411	4.91	0.131	0.026	0.00119	5.65E-06	7.11E-01	7.72E-06	4.94E-03	5.18E-02	6.52E-06	1.68E-03	8.48E-06	3.08E+01	1.76E-05	1.30E-03	1.32E-02	3.51E-03	9.09E-01
2035-07-01	9	49	24.40	2.2	0.0419	5.01	0.133	0.0263	0.00121	5.70E-06	7.12E-01	7.72E-06	5.03E-03	5.18E-02	6.54E-06	1.70E-03	8.54E-06	3.12E+01	1.79E-05	1.30E-03	1.32E-02	3.55E-03	9.10E-01
2035-08-01	9	49.6	24.80	2.23	0.0425	5.09	0.135	0.0265	0.00122	5.75E-06	7.12E-01	7.72E-06	5.10E-03	5.21E-02	6.58E-06	1.71E-03	8.61E-06	3.15E+01	1.81E-05	1.30E-03	1.32E-02	3.58E-03	9.10E-01
2035-09-01	9	51	25.50	2.29	0.0437	5.23	0.139	0.0273	0.00126	5.88E-06	7.13E-01	7.73E-06	5.24E-03	5.34E-02	6.66E-06	1.75E-03	8.79E-06	3.24E+01	1.86E-05	1.31E-03	1.32E-02	3.65E-03	9.11E-01
2035-10-01	9	50.3	25.10	2.26	0.0431	5.16	0.137	0.0268	0.00124	5.81E-06	7.12E-01	7.72E-06	5.17E-03	5.26E-02	6.61E-06	1.73E-03	8.69E-06	3.19E+01	1.84E-05	1.31E-03	1.32E-02	3.62E-03	9.11E-01
2035-11-01	9	49.8	24.90	2.24	0.0427	5.11	0.136	0.0266	0.00123	5.75E-06	7.12E-01	7.72E-06	5.11E-03	5.20E-02	6.58E-06	1.72E-03	8.62E-06	3.16E+01	1.82E-05	1.30E-03	1.32E-02	3.59E-03	9.10E-01
2035-12-01	9	49.6	24.70	2.23	0.0425	5.08	0.135	0.0264	0.00122	5.73E-06	7.12E-01	7.72E-06	5.09E-03	5.18E-02	6.57E-06	1.71E-03	8.58E-06	3.15E+01	1.81E-05	1.30E-03	1.32E-02	3.58E-03	9.10E-01
2036-01-01	10	49.5	24.70	2.23	0.0425	5.08	0.135	0.0264	0.00122	5.73E-06	7.12E-01	7.72E-06	5.09E-03	5.17E-02	6.56E-06	1.71E-03	8.58E-06	3.15E+01	1.81E-05	1.30E-03	1.32E-02	3.58E-03	9.10E-01
2036-02-01	10	49.7	24.80	2.23	0.0427	5.11	0.135	0.0264	0.00122	5.73E-06	7.12E-01	7.72E-06	5.10E-03	5.17E-02	6.57E-06	1.71E-03	8.58E-06	3.15E+01	1.81E-05	1.30E-03	1.32E-02	3.58E-03	9.10E-01
2036-03-01	10	49.9	24.90	2.24	0.0429	5.16	0.136	0.0265	0.00122	5.73E-06	7.12E-01	7.72E-06	5.12E-03	5.16E-02	6.57E-06	1.71E-03	8.58E-06	3.15E+01	1.82E-05	1.31E-03	1.32E-02	3.59E-03	9.10E-01
2036-04-01	10	50.8	25.40	2.28	0.0441	5.36	0.136	0.0266	0.00123	5.75E-06	7.12E-01	7.72E-06	5.21E-03	5.13E-02	6.58E-06	1.72E-03	8.58E-06	3.17E+01	1.84E-05	1.31E-03	1.32E-02	3.64E-03	9.09E-01
2036-05-01	10	53	26.40	2.36	0.0471	5.88	0.137	0.0266	0.00123	5.73E-06	7.12E-01	7.72E-06	5.43E-03	4.98E-02	6.58E-06	1.74E-03	8.50E-06	3.19E+01	1.90E-05	1.32E-03	1.32E-02	3.73E-03	9.08E-01
2036-06-01	10	53.1	26.50	2.36	0.0477	6.02	0.135	0.0262	0.00122	5.65E-06	7.11E-01	7.72E-06	5.44E-03	4.85E-02	6.54E-06	1.72E-03	8.37E-06	3.16E+01	1.90E-05	1.32E-03	1.32E-02	3.73E-03	9.07E-01
2036-07-01	10	53.8	26.80	2.39	0.0484	6.12	0.137	0.0265	0.00123	5.69E-06	7.12E-01	7.72E-06	5.51E-03	4.88E-02	6.57E-06	1.73E-03	8.42E-06	3.19E+01	1.92E-05	1.32E-03	1.32E-02	3.77E-03	9.07E-01
2036-08-01	10	54.3	27.10	2.42	0.049	6.19	0.138	0.0267	0.00124	5.74E-06	7.12E-01	7.72E-06	5.57E-03	4.92E-02	6.60E-06	1.75E-03	8.49E-06	3.22E+01	1.94E-05	1.32E-03	1.32E-02	3.79E-03	9.07E-01
2036-09-01	10	55.2	27.50	2.45	0.0498	6.29	0.141	0.0271	0.00126	5.82E-06	7.12E-01	7.73E-06	5.65E-03	4.99E-02	6.65E-06	1.77E-03	8.59E-06	3.27E+01	1.97E-05	1.32E-03	1.32E-02	3.84E-03	9.08E-01
2036-10-01	10	55.3	27.60	2.46	0.0499	6.31	0.141	0.0272	0.00126	5.83E-06	7.12E-01	7.73E-06	5.67E-03	5.00E-02	6.65E-06	1.77E-03	8.60E-06	3.28E+01	1.97E-05	1.32E-03	1.32E-02	3.84E-03	9.08E-01
2036-11-01	10	54.9	27.40	2.44	0.0496	6.26	0.14	0.027	0.00125	5.79E-06	7.12E-01	7.73E-06	5.62E-03	4.96E-02	6.63E-06	1.76E-03	8.54E-06	3.25E+01	1.96E-05	1.32E-03	1.32E-02	3.82E-03	9.08E-01
2036-12-01	10	54.5	27.20	2.42	0.0492	6.22	0.139	0.0268	0.00124	5.75E-06	7.12E-01	7.72E-06	5.58E-03	4.92E-02	6.61E-06	1.75E-03	8.50E-06	3.23E+01	1.94E-05	1.32E-03	1.32E-02	3.80E-03	9.07E-01
2037-01-01	11	54.4	27.20	2.42	0.0492	6.21	0.139	0.0268	0.00124	5.75E-06	7.12E-01	7.72E-06	5.58E-03	4.92E-02	6.60E-06	1.75E-03	8.49E-06	3.22E+01	1.94E-05	1.32E-03	1.32E-02	3.80E-03	9.07E-01
2037-02-01	11	54.6	27.20	2.43	0.0493	6.23	0.139	0.0268	0.00124	5.75E-06	7.12E-01	7.72E-06	5.59E-03	4.91E-02	6.60E-06	1.75E-03	8.49E-06	3.22E+01	1.95E-05	1.32E-03	1.32E-02	3.81E-03	9.07E-01
2037-03-01	11	54.8	27.30	2.44	0.0495	6.27	0.14	0.0268	0.00125	5.75E-06	7.12E-01	7.72E-06	5.61E-03	4.91E-02	6.61E-06	1.76E-03	8.49E-06	3.22E+01	1.95E-05	1.32E-03	1.32E-02	3.82E-03	9.07E-01
2037-04-01	11	55.6	27.80	2.49	0.0505	6.42	0.14	0.0269	0.00126	5.76E-06	7.12E-01	7.72E-06	5.69E-03	4.89E-02	6.61E-06	1.79E-03	8.50E-06	3.21E+01	1.98E-05	1.33E-03	1.32E-02	3.86E-03	9.07E-01
2037-05-01	11	57.5	28.70	2.6	0.0527	6.79	0.141	0.0268	0.00129	5.74E-06	7.12E-01	7.72E-06	5.86E-03	4.79E-02	6.60E-06	1.84E-03	8.44E-06	3.14E+01	2.03E-05	1.33E-03	1.32E-02	3.95E-03	

Pond_2 15ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2041-01-01	15	74.8	37.30	3.61	0.0737	10.4	0.165	0.0277	0.0017	5.84E-06	7.12E-01	7.73E-06	7.28E-03	4.48E-02	6.71E-06	2.21E-03	8.39E-06	3.14E+01	2.53E-05	1.40E-03	1.32E-02	4.80E-03	9.03E-01
2041-02-01	15	74.9	37.40	3.62	0.0739	10.4	0.166	0.0277	0.0017	5.84E-06	7.12E-01	7.73E-06	7.29E-03	4.47E-02	6.71E-06	2.22E-03	8.39E-06	3.15E+01	2.53E-05	1.40E-03	1.32E-02	4.80E-03	9.03E-01
2041-03-01	15	75.2	37.50	3.63	0.0742	10.5	0.166	0.0277	0.0017	5.84E-06	7.12E-01	7.73E-06	7.32E-03	4.46E-02	6.71E-06	2.23E-03	8.39E-06	3.15E+01	2.54E-05	1.41E-03	1.32E-02	4.82E-03	9.03E-01
2041-04-01	15	76.4	38.10	3.69	0.0755	10.7	0.167	0.0276	0.00173	5.83E-06	7.12E-01	7.73E-06	7.44E-03	4.39E-02	6.71E-06	2.28E-03	8.38E-06	3.18E+01	2.58E-05	1.41E-03	1.32E-02	4.88E-03	9.03E-01
2041-05-01	15	78.8	39.30	3.81	0.078	11	0.169	0.0272	0.00177	5.76E-06	7.12E-01	7.73E-06	7.68E-03	4.16E-02	6.66E-06	2.39E-03	8.28E-06	3.22E+01	2.65E-05	1.42E-03	1.32E-02	4.99E-03	9.02E-01
2041-06-01	15	78.6	39.20	3.79	0.0778	11	0.168	0.0267	0.00176	5.66E-06	7.11E-01	7.72E-06	7.66E-03	4.03E-02	6.60E-06	2.40E-03	8.16E-06	3.19E+01	2.64E-05	1.42E-03	1.32E-02	4.98E-03	9.01E-01
2041-07-01	15	79.4	39.60	3.83	0.0786	11.1	0.169	0.0269	0.00177	5.70E-06	7.11E-01	7.72E-06	7.74E-03	4.05E-02	6.62E-06	2.42E-03	8.21E-06	3.22E+01	2.66E-05	1.42E-03	1.32E-02	5.02E-03	9.02E-01
2041-08-01	15	80.1	40.00	3.87	0.0794	11.3	0.171	0.0272	0.00179	5.74E-06	7.12E-01	7.73E-06	7.81E-03	4.08E-02	6.65E-06	2.44E-03	8.26E-06	3.25E+01	2.69E-05	1.42E-03	1.32E-02	5.06E-03	9.02E-01
2041-09-01	15	80.8	40.30	3.9	0.08	11.3	0.172	0.0274	0.00181	5.78E-06	7.12E-01	7.73E-06	7.87E-03	4.11E-02	6.67E-06	2.46E-03	8.31E-06	3.28E+01	2.71E-05	1.43E-03	1.32E-02	5.09E-03	9.02E-01
2041-10-01	15	80.7	40.30	3.9	0.08	11.3	0.172	0.0274	0.0018	5.77E-06	7.12E-01	7.73E-06	7.87E-03	4.10E-02	6.67E-06	2.46E-03	8.31E-06	3.27E+01	2.71E-05	1.43E-03	1.32E-02	5.09E-03	9.02E-01
2041-11-01	15	80.7	40.20	3.89	0.08	11.3	0.172	0.0273	0.0018	5.77E-06	7.12E-01	7.73E-06	7.86E-03	4.10E-02	6.67E-06	2.46E-03	8.30E-06	3.27E+01	2.70E-05	1.43E-03	1.32E-02	5.09E-03	9.02E-01
2041-12-01	15	81.9	40.80	3.95	0.0812	11.5	0.175	0.0277	0.00183	5.85E-06	7.12E-01	7.73E-06	7.98E-03	4.15E-02	6.72E-06	2.49E-03	8.40E-06	3.32E+01	2.74E-05	1.43E-03	1.32E-02	5.15E-03	9.03E-01
2042-01-01	16	81.7	40.70	3.94	0.081	11.5	0.175	0.0277	0.00183	5.83E-06	7.12E-01	7.73E-06	7.96E-03	4.14E-02	6.71E-06	2.49E-03	8.38E-06	3.31E+01	2.74E-05	1.43E-03	1.32E-02	5.13E-03	9.02E-01
2042-02-01	16	81.9	40.80	3.96	0.0812	11.5	0.175	0.0277	0.00184	5.83E-06	7.12E-01	7.73E-06	7.97E-03	4.13E-02	6.71E-06	2.49E-03	8.38E-06	3.31E+01	2.74E-05	1.43E-03	1.32E-02	5.15E-03	9.02E-01
2042-03-01	16	82.3	41.00	3.98	0.0815	11.6	0.175	0.0277	0.00185	5.83E-06	7.12E-01	7.73E-06	8.00E-03	4.11E-02	6.71E-06	2.50E-03	8.38E-06	3.32E+01	2.75E-05	1.43E-03	1.32E-02	5.16E-03	9.02E-01
2042-04-01	16	83.8	41.80	4.09	0.083	11.8	0.177	0.0276	0.00192	5.82E-06	7.12E-01	7.73E-06	8.10E-03	4.03E-02	6.70E-06	2.53E-03	8.37E-06	3.33E+01	2.80E-05	1.44E-03	1.32E-02	5.24E-03	9.02E-01
2042-05-01	16	86.9	43.30	4.34	0.086	12.4	0.18	0.0273	0.00207	5.76E-06	7.12E-01	7.73E-06	8.29E-03	3.77E-02	6.66E-06	2.58E-03	8.28E-06	3.32E+01	2.89E-05	1.45E-03	1.32E-02	5.40E-03	9.02E-01
2042-06-01	16	86.7	43.20	4.36	0.0857	12.4	0.179	0.0267	0.00209	5.66E-06	7.11E-01	7.72E-06	8.23E-03	3.62E-02	6.60E-06	2.57E-03	8.15E-06	3.27E+01	2.88E-05	1.45E-03	1.32E-02	5.39E-03	9.01E-01
2042-07-01	16	87.6	43.70	4.41	0.0867	12.5	0.181	0.0269	0.00212	5.70E-06	7.11E-01	7.72E-06	8.32E-03	3.63E-02	6.62E-06	2.59E-03	8.20E-06	3.30E+01	2.91E-05	1.46E-03	1.32E-02	5.44E-03	9.01E-01
2042-08-01	16	88.5	44.10	4.46	0.0875	12.7	0.183	0.0272	0.00214	5.74E-06	7.12E-01	7.73E-06	8.39E-03	3.66E-02	6.65E-06	2.62E-03	8.26E-06	3.33E+01	2.94E-05	1.46E-03	1.32E-02	5.48E-03	9.02E-01
2042-09-01	16	89.2	44.50	4.49	0.0883	12.8	0.184	0.0274	0.00216	5.78E-06	7.12E-01	7.73E-06	8.46E-03	3.69E-02	6.68E-06	2.63E-03	8.31E-06	3.36E+01	2.96E-05	1.46E-03	1.32E-02	5.52E-03	9.02E-01
2042-10-01	16	89.1	44.50	4.49	0.0882	12.8	0.184	0.0274	0.00216	5.77E-06	7.12E-01	7.73E-06	8.46E-03	3.68E-02	6.67E-06	2.63E-03	8.30E-06	3.36E+01	2.96E-05	1.46E-03	1.32E-02	5.52E-03	9.02E-01
2042-11-01	16	89.1	44.40	4.49	0.0882	12.8	0.184	0.0274	0.00216	5.77E-06	7.12E-01	7.73E-06	8.45E-03	3.68E-02	6.67E-06	2.63E-03	8.30E-06	3.35E+01	2.96E-05	1.46E-03	1.32E-02	5.52E-03	9.02E-01
2042-12-01	16	90.3	45.00	4.55	0.0894	12.9	0.187	0.0277	0.00219	5.84E-06	7.12E-01	7.73E-06	8.56E-03	3.72E-02	6.71E-06	2.66E-03	8.38E-06	3.40E+01	2.99E-05	1.47E-03	1.32E-02	5.57E-03	9.02E-01
2043-01-01	17	90	44.90	4.54	0.0891	12.9	0.186	0.0276	0.00218	5.82E-06	7.12E-01	7.73E-06	8.54E-03	3.71E-02	6.70E-06	2.66E-03	8.37E-06	3.39E+01	2.99E-05	1.47E-03	1.32E-02	5.56E-03	9.02E-01
2043-02-01	17	90.2	45.00	4.55	0.0893	12.9	0.187	0.0276	0.00218	5.82E-06	7.12E-01	7.73E-06	8.55E-03	3.71E-02	6.70E-06	2.66E-03	8.37E-06	3.39E+01	2.99E-05	1.47E-03	1.32E-02	5.57E-03	9.0

Pond_2 15ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2046-10-01	20	118	58.80	6.11	0.118	17.5	0.224	0.0274	0.00296	5.77E-06	7.12E-01	7.73E-06	1.10E-02	2.90E-02	6.67E-06	3.40E-03	8.29E-06	3.95E+01	3.82E-05	1.58E-03	1.32E-02	6.94E-03	9.02E-01
2046-11-01	20	118	58.80	6.11	0.117	17.5	0.224	0.0274	0.00296	5.77E-06	7.12E-01	7.73E-06	1.10E-02	2.90E-02	6.67E-06	3.40E-03	8.28E-06	3.95E+01	3.82E-05	1.58E-03	1.32E-02	6.94E-03	9.02E-01
2046-12-01	20	119	59.50	6.19	0.119	17.7	0.227	0.0277	0.003	5.83E-06	7.12E-01	7.73E-06	1.11E-02	2.93E-02	6.71E-06	3.44E-03	8.36E-06	4.00E+01	3.87E-05	1.59E-03	1.32E-02	7.01E-03	9.02E-01
2047-01-01	21	119	59.40	6.17	0.119	17.7	0.227	0.0277	0.00299	5.82E-06	7.12E-01	7.73E-06	1.11E-02	2.93E-02	6.71E-06	3.43E-03	8.35E-06	3.99E+01	3.86E-05	1.59E-03	1.32E-02	7.00E-03	9.02E-01
2047-02-01	21	119	59.50	6.18	0.119	17.7	0.227	0.0277	0.00299	5.82E-06	7.12E-01	7.73E-06	1.11E-02	2.93E-02	6.71E-06	3.43E-03	8.35E-06	4.00E+01	3.87E-05	1.59E-03	1.32E-02	7.01E-03	9.02E-01
2047-03-01	21	120	59.70	6.2	0.119	17.7	0.228	0.0277	0.003	5.82E-06	7.12E-01	7.73E-06	1.12E-02	2.92E-02	6.71E-06	3.44E-03	8.35E-06	4.00E+01	3.88E-05	1.59E-03	1.32E-02	7.03E-03	9.02E-01
2047-04-01	21	121	60.30	6.25	0.121	17.9	0.229	0.0276	0.00302	5.82E-06	7.12E-01	7.73E-06	1.13E-02	2.90E-02	6.70E-06	3.46E-03	8.34E-06	4.03E+01	3.91E-05	1.59E-03	1.32E-02	7.08E-03	9.02E-01
2047-05-01	21	123	61.20	6.33	0.123	18.2	0.23	0.0272	0.00302	5.75E-06	7.12E-01	7.73E-06	1.15E-02	2.80E-02	6.66E-06	3.49E-03	8.25E-06	4.05E+01	3.96E-05	1.60E-03	1.32E-02	7.17E-03	9.01E-01
2047-06-01	21	122	60.70	6.27	0.122	18.1	0.228	0.0268	0.00299	5.66E-06	7.11E-01	7.72E-06	1.14E-02	2.74E-02	6.60E-06	3.46E-03	8.14E-06	4.01E+01	3.93E-05	1.60E-03	1.32E-02	7.12E-03	9.01E-01
2047-07-01	21	123	61.30	6.34	0.123	18.3	0.23	0.027	0.00302	5.70E-06	7.12E-01	7.73E-06	1.15E-02	2.76E-02	6.63E-06	3.49E-03	8.20E-06	4.05E+01	3.97E-05	1.60E-03	1.32E-02	7.18E-03	9.01E-01
2047-08-01	21	124	61.90	6.39	0.124	18.4	0.232	0.0272	0.00304	5.74E-06	7.12E-01	7.73E-06	1.16E-02	2.78E-02	6.66E-06	3.52E-03	8.25E-06	4.08E+01	4.01E-05	1.61E-03	1.32E-02	7.24E-03	9.01E-01
2047-09-01	21	125	62.40	6.44	0.125	18.6	0.234	0.0274	0.00307	5.78E-06	7.12E-01	7.73E-06	1.17E-02	2.79E-02	6.68E-06	3.54E-03	8.30E-06	4.12E+01	4.04E-05	1.61E-03	1.32E-02	7.28E-03	9.02E-01
2047-10-01	21	125	62.30	6.44	0.125	18.6	0.234	0.0274	0.00306	5.77E-06	7.12E-01	7.73E-06	1.17E-02	2.79E-02	6.68E-06	3.54E-03	8.29E-06	4.11E+01	4.03E-05	1.61E-03	1.32E-02	7.28E-03	9.02E-01
2047-11-01	21	125	62.20	6.43	0.125	18.6	0.234	0.0274	0.00306	5.77E-06	7.12E-01	7.73E-06	1.17E-02	2.79E-02	6.67E-06	3.54E-03	8.28E-06	4.11E+01	4.03E-05	1.61E-03	1.32E-02	7.27E-03	9.02E-01
2047-12-01	21	126	63.10	6.52	0.127	18.8	0.237	0.0277	0.0031	5.84E-06	7.12E-01	7.73E-06	1.18E-02	2.82E-02	6.72E-06	3.58E-03	8.37E-06	4.16E+01	4.08E-05	1.62E-03	1.32E-02	7.35E-03	9.02E-01
2048-01-01	22	126	62.90	6.5	0.126	18.8	0.237	0.0277	0.00309	5.83E-06	7.12E-01	7.73E-06	1.18E-02	2.82E-02	6.71E-06	3.57E-03	8.35E-06	4.15E+01	4.07E-05	1.61E-03	1.32E-02	7.34E-03	9.02E-01
2048-02-01	22	126	63.00	6.51	0.126	18.8	0.237	0.0277	0.00309	5.83E-06	7.12E-01	7.73E-06	1.18E-02	2.81E-02	6.71E-06	3.58E-03	8.35E-06	4.16E+01	4.08E-05	1.62E-03	1.32E-02	7.35E-03	9.02E-01
2048-03-01	22	127	63.10	6.52	0.127	18.8	0.237	0.0277	0.00309	5.83E-06	7.12E-01	7.73E-06	1.18E-02	2.81E-02	6.71E-06	3.58E-03	8.35E-06	4.16E+01	4.09E-05	1.62E-03	1.32E-02	7.36E-03	9.02E-01
2048-04-01	22	128	63.60	6.55	0.128	18.9	0.238	0.0276	0.00309	5.82E-06	7.12E-01	7.73E-06	1.20E-02	2.79E-02	6.70E-06	3.60E-03	8.34E-06	4.18E+01	4.12E-05	1.62E-03	1.32E-02	7.41E-03	9.02E-01
2048-05-01	22	129	64.20	6.57	0.129	19.1	0.238	0.0272	0.00304	5.74E-06	7.12E-01	7.73E-06	1.21E-02	2.72E-02	6.66E-06	3.61E-03	8.25E-06	4.18E+01	4.15E-05	1.62E-03	1.32E-02	7.46E-03	9.01E-01
2048-06-01	22	128	63.70	6.49	0.128	18.9	0.235	0.0268	0.00298	5.66E-06	7.11E-01	7.72E-06	1.20E-02	2.66E-02	6.60E-06	3.57E-03	8.14E-06	4.11E+01	4.11E-05	1.62E-03	1.32E-02	7.40E-03	9.01E-01
2048-07-01	22	129	64.30	6.56	0.129	19.1	0.237	0.027	0.00301	5.70E-06	7.12E-01	7.73E-06	1.22E-02	2.68E-02	6.63E-06	3.60E-03	8.20E-06	4.17E+01	4.15E-05	1.62E-03	1.32E-02	7.46E-03	9.01E-01
2048-08-01	22	130	64.90	6.61	0.13	19.2	0.239	0.0272	0.00303	5.74E-06	7.12E-01	7.73E-06	1.23E-02	2.70E-02	6.66E-06	3.63E-03	8.25E-06	4.21E+01	4.19E-05	1.63E-03	1.32E-02	7.52E-03	9.01E-01
2048-09-01	22	131	65.40	6.66	0.131	19.4	0.241	0.0274	0.00305	5.78E-06	7.12E-01	7.73E-06	1.23E-02	2.72E-02	6.68E-06	3.66E-03	8.29E-06	4.24E+01	4.22E-05	1.63E-03	1.32E-02	7.57E-03	9.02E-01
2048-10-01	22	131	65.30	6.65	0.131	19.3	0.241	0.0274	0.00305	5.77E-06	7.12E-01	7.73E-06	1.23E-02	2.72E-02	6.68E-06	3.65E-03	8.28E-06	4.23E+01	4.21E-05	1.63E-03	1.32E-02	7.56E-03	9.02E-01
2048-11-01	22	131	65.20	6.64	0.131	19.3	0.241	0.0274	0.00305	5.77E-06	7.12E-01	7.73E-06	1.23E-02	2.71E-02	6.67E-06	3.65E-03	8.28E-06	4.23E+01	4.21E-05	1.63E-03	1.32E-02		

Pond_2 15ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2052-07-01	26	149	74.10	6.98	0.155	22.5	0.268	0.0271	0.00269	5.71E-06	7.12E-01	7.73E-06	1.47E-02	2.56E-02	6.64E-06	4.49E-03	8.20E-06	4.77E+01	4.74E-05	1.69E-03	1.32E-02	8.36E-03	9.01E-01
2052-08-01	26	150	74.60	7.03	0.156	22.7	0.27	0.0273	0.0027	5.75E-06	7.12E-01	7.73E-06	1.48E-02	2.58E-02	6.66E-06	4.53E-03	8.24E-06	4.80E+01	4.78E-05	1.70E-03	1.32E-02	8.41E-03	9.01E-01
2052-09-01	26	151	75.10	7.07	0.157	22.8	0.272	0.0275	0.00272	5.78E-06	7.12E-01	7.73E-06	1.49E-02	2.59E-02	6.68E-06	4.56E-03	8.28E-06	4.83E+01	4.81E-05	1.70E-03	1.32E-02	8.46E-03	9.01E-01
2052-10-01	26	151	75.00	7.06	0.157	22.8	0.272	0.0274	0.00272	5.77E-06	7.12E-01	7.73E-06	1.49E-02	2.59E-02	6.68E-06	4.55E-03	8.27E-06	4.82E+01	4.80E-05	1.70E-03	1.32E-02	8.45E-03	9.01E-01
2052-11-01	26	150	74.90	7.05	0.157	22.7	0.272	0.0274	0.00271	5.77E-06	7.12E-01	7.73E-06	1.49E-02	2.58E-02	6.67E-06	4.54E-03	8.26E-06	4.82E+01	4.79E-05	1.70E-03	1.32E-02	8.44E-03	9.01E-01
2052-12-01	26	152	75.60	7.12	0.158	22.9	0.274	0.0276	0.00274	5.81E-06	7.12E-01	7.73E-06	1.50E-02	2.61E-02	6.70E-06	4.58E-03	8.32E-06	4.86E+01	4.84E-05	1.71E-03	1.32E-02	8.51E-03	9.01E-01
2053-01-01	27	152	75.60	7.12	0.158	23	0.274	0.0277	0.00274	5.82E-06	7.12E-01	7.73E-06	1.50E-02	2.61E-02	6.71E-06	4.59E-03	8.33E-06	4.87E+01	4.84E-05	1.71E-03	1.32E-02	8.51E-03	9.01E-01
2053-02-01	27	152	75.70	7.13	0.158	23	0.275	0.0277	0.00274	5.82E-06	7.12E-01	7.73E-06	1.50E-02	2.61E-02	6.71E-06	4.59E-03	8.33E-06	4.87E+01	4.84E-05	1.71E-03	1.32E-02	8.51E-03	9.01E-01
2053-03-01	27	152	75.70	7.13	0.159	23	0.275	0.0277	0.00275	5.82E-06	7.12E-01	7.73E-06	1.51E-02	2.61E-02	6.71E-06	4.61E-03	8.33E-06	4.87E+01	4.85E-05	1.71E-03	1.32E-02	8.52E-03	9.01E-01
2053-04-01	27	153	76.00	7.16	0.159	23.1	0.276	0.0276	0.00275	5.81E-06	7.12E-01	7.73E-06	1.51E-02	2.59E-02	6.70E-06	4.66E-03	8.32E-06	4.88E+01	4.86E-05	1.71E-03	1.32E-02	8.55E-03	9.01E-01
2053-05-01	27	152	75.60	7.13	0.159	23	0.274	0.0272	0.00274	5.73E-06	7.12E-01	7.73E-06	1.51E-02	2.53E-02	6.65E-06	4.73E-03	8.22E-06	4.84E+01	4.83E-05	1.71E-03	1.32E-02	8.51E-03	9.01E-01
2053-06-01	27	150	74.90	7.06	0.157	22.8	0.271	0.0268	0.00272	5.67E-06	7.11E-01	7.72E-06	1.49E-02	2.49E-02	6.61E-06	4.72E-03	8.13E-06	4.78E+01	4.79E-05	1.70E-03	1.32E-02	8.45E-03	9.00E-01
2053-07-01	27	152	75.70	7.14	0.159	23.1	0.274	0.0271	0.00275	5.71E-06	7.12E-01	7.73E-06	1.51E-02	2.51E-02	6.64E-06	4.78E-03	8.19E-06	4.83E+01	4.84E-05	1.71E-03	1.32E-02	8.52E-03	9.01E-01
2053-08-01	27	153	76.20	7.19	0.16	23.2	0.276	0.0273	0.00277	5.75E-06	7.12E-01	7.73E-06	1.52E-02	2.53E-02	6.66E-06	4.81E-03	8.24E-06	4.87E+01	4.87E-05	1.71E-03	1.32E-02	8.58E-03	9.01E-01
2053-09-01	27	154	76.70	7.24	0.161	23.4	0.278	0.0275	0.00279	5.78E-06	7.12E-01	7.73E-06	1.53E-02	2.55E-02	6.69E-06	4.84E-03	8.28E-06	4.90E+01	4.90E-05	1.71E-03	1.32E-02	8.63E-03	9.01E-01
2053-10-01	27	154	76.60	7.22	0.161	23.3	0.278	0.0274	0.00278	5.77E-06	7.12E-01	7.73E-06	1.53E-02	2.54E-02	6.68E-06	4.83E-03	8.27E-06	4.89E+01	4.89E-05	1.71E-03	1.32E-02	8.61E-03	9.01E-01
2053-11-01	27	154	76.50	7.21	0.161	23.3	0.277	0.0274	0.00278	5.77E-06	7.12E-01	7.73E-06	1.53E-02	2.54E-02	6.68E-06	4.83E-03	8.26E-06	4.88E+01	4.89E-05	1.71E-03	1.32E-02	8.60E-03	9.01E-01
2053-12-01	27	155	77.20	7.28	0.162	23.5	0.28	0.0276	0.0028	5.81E-06	7.12E-01	7.73E-06	1.54E-02	2.56E-02	6.71E-06	4.87E-03	8.32E-06	4.93E+01	4.93E-05	1.72E-03	1.32E-02	8.67E-03	9.01E-01
2054-01-01	28	155	77.20	7.29	0.162	23.5	0.28	0.0277	0.0028	5.82E-06	7.12E-01	7.73E-06	1.54E-02	2.56E-02	6.71E-06	4.87E-03	8.32E-06	4.93E+01	4.94E-05	1.72E-03	1.32E-02	8.68E-03	9.01E-01
2054-02-01	28	155	77.30	7.29	0.162	23.6	0.28	0.0277	0.00281	5.82E-06	7.12E-01	7.73E-06	1.54E-02	2.56E-02	6.71E-06	4.88E-03	8.32E-06	4.93E+01	4.94E-05	1.72E-03	1.32E-02	8.68E-03	9.01E-01
2054-03-01	28	155	77.30	7.3	0.162	23.6	0.281	0.0277	0.00281	5.82E-06	7.12E-01	7.73E-06	1.54E-02	2.56E-02	6.71E-06	4.90E-03	8.32E-06	4.94E+01	4.94E-05	1.72E-03	1.32E-02	8.69E-03	9.01E-01
2054-04-01	28	156	77.50	7.32	0.163	23.6	0.281	0.0276	0.00282	5.81E-06	7.12E-01	7.73E-06	1.55E-02	2.55E-02	6.70E-06	4.95E-03	8.32E-06	4.94E+01	4.95E-05	1.72E-03	1.32E-02	8.71E-03	9.01E-01
2054-05-01	28	155	76.90	7.28	0.161	23.5	0.278	0.0272	0.00282	5.73E-06	7.12E-01	7.73E-06	1.54E-02	2.49E-02	6.65E-06	5.01E-03	8.21E-06	4.88E+01	4.91E-05	1.72E-03	1.32E-02	8.65E-03	9.01E-01
2054-06-01	28	153	76.10	7.21	0.16	23.2	0.276	0.0268	0.00279	5.67E-06	7.11E-01	7.72E-06	1.52E-02	2.45E-02	6.61E-06	5.00E-03	8.13E-06	4.83E+01	4.86E-05	1.71E-03	1.32E-02	8.58E-03	9.00E-01
2054-07-01	28	155	76.90	7.29	0.161	23.5	0.279	0.0271	0.00282	5.72E-06	7.12E-01	7.73E-06	1.54E-02	2.47E-02	6.64E-06	5.06E-03	8.19E-06	4.88E+01	4.91E-05	1.72E-03	1.32E-02	8.66E-03	9.01E-01
2054-08-01	28	156	77.50	7.34	0.163	23.6	0.281	0.0273	0.00284	5.75E-06	7.12E-01	7.73E-06	1.55E-02	2.49E-02	6.67E-06	5.09E-03	8.23E-06	4.91E+01	4.95E-05	1.72E-03	1.32E-02	8.71E-03	9.01E-01
2054-09-01	28	157																					

Pond_2 15ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2058-04-01	32	62.3	31.80	6.82	0.0621	9.96	0.328	0.0249	0.0059	5.64E-06	7.12E-01	7.71E-06	2.00E-03	2.34E-02	6.38E-06	1.05E-03	9.03E-06	1.17E+01	2.29E-05	1.43E-03	1.33E-02	4.75E-03	9.23E-01
2058-05-01	32	59.9	30.60	6.55	0.0604	9.56	0.325	0.0248	0.00568	5.63E-06	7.12E-01	7.71E-06	1.93E-03	2.39E-02	6.37E-06	1.03E-03	9.01E-06	1.16E+01	2.22E-05	1.42E-03	1.33E-02	4.61E-03	9.23E-01
2058-06-01	32	58.1	29.60	6.34	0.0592	9.24	0.322	0.0247	0.0055	5.62E-06	7.12E-01	7.71E-06	1.88E-03	2.43E-02	6.37E-06	1.01E-03	8.99E-06	1.16E+01	2.16E-05	1.41E-03	1.33E-02	4.51E-03	9.23E-01
2058-07-01	32	57.8	29.50	6.32	0.0592	9.2	0.324	0.0249	0.00548	5.65E-06	7.12E-01	7.71E-06	1.88E-03	2.46E-02	6.38E-06	1.01E-03	9.03E-06	1.17E+01	2.15E-05	1.41E-03	1.33E-02	4.49E-03	9.23E-01
2058-08-01	32	58	29.60	6.34	0.0594	9.23	0.326	0.0251	0.0055	5.68E-06	7.12E-01	7.71E-06	1.89E-03	2.48E-02	6.41E-06	1.01E-03	9.09E-06	1.18E+01	2.16E-05	1.41E-03	1.33E-02	4.50E-03	9.23E-01
2058-09-01	32	58.3	29.80	6.37	0.0598	9.28	0.329	0.0253	0.00553	5.72E-06	7.13E-01	7.71E-06	1.90E-03	2.50E-02	6.43E-06	1.02E-03	9.14E-06	1.19E+01	2.17E-05	1.41E-03	1.33E-02	4.52E-03	9.24E-01
2058-10-01	32	57.9	29.50	6.32	0.0594	9.21	0.327	0.0251	0.00549	5.69E-06	7.12E-01	7.71E-06	1.88E-03	2.48E-02	6.41E-06	1.01E-03	9.09E-06	1.18E+01	2.16E-05	1.41E-03	1.33E-02	4.50E-03	9.24E-01
2058-11-01	32	57.4	29.30	6.27	0.059	9.13	0.325	0.0249	0.00544	5.65E-06	7.12E-01	7.71E-06	1.87E-03	2.47E-02	6.39E-06	1.00E-03	9.04E-06	1.17E+01	2.14E-05	1.41E-03	1.33E-02	4.47E-03	9.23E-01
2058-12-01	32	57.1	29.20	6.24	0.0587	9.09	0.323	0.0248	0.00541	5.63E-06	7.12E-01	7.71E-06	1.86E-03	2.45E-02	6.37E-06	1.00E-03	9.00E-06	1.17E+01	2.13E-05	1.40E-03	1.33E-02	4.45E-03	9.23E-01
2059-01-01	33	57.1	29.10	6.23	0.0587	9.08	0.323	0.0248	0.00541	5.63E-06	7.12E-01	7.71E-06	1.86E-03	2.45E-02	6.37E-06	1.00E-03	9.00E-06	1.17E+01	2.13E-05	1.40E-03	1.33E-02	4.45E-03	9.23E-01
2059-02-01	33	57	29.10	6.23	0.0586	9.07	0.323	0.0248	0.0054	5.63E-06	7.12E-01	7.71E-06	1.86E-03	2.46E-02	6.37E-06	1.00E-03	9.00E-06	1.17E+01	2.13E-05	1.40E-03	1.33E-02	4.45E-03	9.23E-01
2059-03-01	33	57	29.10	6.22	0.0586	9.06	0.323	0.0248	0.0054	5.63E-06	7.12E-01	7.71E-06	1.86E-03	2.46E-02	6.38E-06	9.99E-04	9.01E-06	1.17E+01	2.13E-05	1.40E-03	1.33E-02	4.44E-03	9.23E-01
2059-04-01	33	56.5	28.90	6.17	0.0584	8.98	0.324	0.0249	0.00536	5.64E-06	7.12E-01	7.71E-06	1.84E-03	2.49E-02	6.38E-06	9.95E-04	9.02E-06	1.17E+01	2.11E-05	1.40E-03	1.33E-02	4.42E-03	9.23E-01
2059-05-01	33	54.2	27.70	5.91	0.0567	8.59	0.32	0.0248	0.00513	5.63E-06	7.12E-01	7.71E-06	1.78E-03	2.55E-02	6.37E-06	9.72E-04	9.00E-06	1.17E+01	2.04E-05	1.39E-03	1.33E-02	4.29E-03	9.23E-01
2059-06-01	33	52.3	26.70	5.7	0.0555	8.27	0.318	0.0248	0.00496	5.62E-06	7.12E-01	7.71E-06	1.73E-03	2.60E-02	6.37E-06	9.54E-04	8.98E-06	1.17E+01	1.98E-05	1.38E-03	1.33E-02	4.18E-03	9.22E-01
2059-07-01	33	52.1	26.60	5.67	0.0555	8.23	0.32	0.0249	0.00494	5.65E-06	7.12E-01	7.71E-06	1.73E-03	2.63E-02	6.39E-06	9.52E-04	9.02E-06	1.17E+01	1.98E-05	1.38E-03	1.33E-02	4.17E-03	9.23E-01
2059-08-01	33	52.2	26.70	5.69	0.0557	8.25	0.322	0.0251	0.00495	5.68E-06	7.12E-01	7.71E-06	1.73E-03	2.65E-02	6.41E-06	9.55E-04	9.07E-06	1.18E+01	1.98E-05	1.38E-03	1.33E-02	4.18E-03	9.23E-01
2059-09-01	33	52.5	26.80	5.71	0.0561	8.29	0.325	0.0253	0.00498	5.72E-06	7.13E-01	7.71E-06	1.74E-03	2.67E-02	6.43E-06	9.59E-04	9.12E-06	1.19E+01	1.99E-05	1.38E-03	1.33E-02	4.19E-03	9.24E-01
2059-10-01	33	52.1	26.60	5.67	0.0557	8.23	0.323	0.0251	0.00494	5.69E-06	7.12E-01	7.71E-06	1.73E-03	2.66E-02	6.41E-06	9.54E-04	9.08E-06	1.18E+01	1.98E-05	1.38E-03	1.33E-02	4.17E-03	9.23E-01
2059-11-01	33	51.7	26.40	5.62	0.0553	8.16	0.321	0.0249	0.0049	5.65E-06	7.12E-01	7.71E-06	1.71E-03	2.64E-02	6.39E-06	9.49E-04	9.02E-06	1.18E+01	1.96E-05	1.38E-03	1.33E-02	4.14E-03	9.23E-01
2059-12-01	33	51.4	26.20	5.6	0.055	8.12	0.319	0.0248	0.00487	5.63E-06	7.12E-01	7.71E-06	1.71E-03	2.63E-02	6.38E-06	9.45E-04	8.99E-06	1.17E+01	1.95E-05	1.37E-03	1.33E-02	4.13E-03	9.22E-01
2060-01-01	34	51.4	26.20	5.59	0.055	8.11	0.319	0.0248	0.00487	5.63E-06	7.12E-01	7.71E-06	1.71E-03	2.63E-02	6.37E-06	9.45E-04	8.99E-06	1.17E+01	1.95E-05	1.37E-03	1.33E-02	4.13E-03	9.22E-01
2060-02-01	34	51.3	26.20	5.59	0.0549	8.1	0.319	0.0248	0.00486	5.63E-06	7.12E-01	7.71E-06	1.70E-03	2.63E-02	6.38E-06	9.45E-04	8.99E-06	1.17E+01	1.95E-05	1.37E-03	1.33E-02	4.12E-03	9.22E-01
2060-03-01	34	51.2	26.20	5.58	0.0549	8.09	0.319	0.0248	0.00486	5.63E-06	7.12E-01	7.71E-06	1.70E-03	2.64E-02	6.38E-06	9.44E-04	9.00E-06	1.17E+01	1.95E-05	1.37E-03	1.33E-02	4.12E-03	9.23E-01
2060-04-01	34	50.8	25.90	5.53	0.0547	8.01	0.319	0.0249	0.00482	5.64E-06	7.12E-01	7.71E-06	1.69E-03	2.67E-02	6.39E-06	9.40E-04	9.01E-06	1.18E+01	1.94E-05	1.37E-03	1.33E-02	4.09E-03	9.23E-01
2060-05-01	34	48.5	24.70	5.27	0.0531	7.62	0.316	0.0248	0.0046	5.63E-06	7.12E-01	7.71E-06	1.63E-03	2.74E-02	6.38E-06	9.17E-04	8.99E-06	1.17E+01	1.86E-05	1.36E-03	1.33E-02	3.96E-03	

Pond_2 15ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2064-01-01	38	29	14.90	3.09	0.0406	4.34	0.303	0.0249	0.00276	5.63E-06	7.12E-01	7.71E-06	1.11E-03	4.00E-02	6.39E-06	7.30E-04	8.94E-06	1.18E+01	1.27E-05	1.26E-03	1.33E-02	2.86E-03	9.21E-01
2064-02-01	38	29	14.80	3.08	0.0406	4.33	0.303	0.0249	0.00276	5.63E-06	7.12E-01	7.71E-06	1.11E-03	4.01E-02	6.39E-06	7.30E-04	8.95E-06	1.18E+01	1.26E-05	1.26E-03	1.33E-02	2.85E-03	9.21E-01
2064-03-01	38	28.9	14.80	3.07	0.0406	4.31	0.303	0.0249	0.00275	5.63E-06	7.12E-01	7.71E-06	1.11E-03	4.03E-02	6.39E-06	7.29E-04	8.95E-06	1.19E+01	1.26E-05	1.26E-03	1.33E-02	2.85E-03	9.21E-01
2064-04-01	38	28.4	14.50	3.01	0.0403	4.23	0.303	0.025	0.0027	5.65E-06	7.12E-01	7.71E-06	1.09E-03	4.12E-02	6.40E-06	7.24E-04	8.97E-06	1.19E+01	1.25E-05	1.26E-03	1.33E-02	2.82E-03	9.22E-01
2064-05-01	38	26.2	13.40	2.77	0.0388	3.85	0.3	0.0249	0.0025	5.63E-06	7.12E-01	7.71E-06	1.03E-03	4.40E-02	6.39E-06	7.02E-04	8.94E-06	1.18E+01	1.18E-05	1.25E-03	1.33E-02	2.69E-03	9.21E-01
2064-06-01	38	24.5	12.60	2.58	0.0376	3.57	0.298	0.0249	0.00233	5.62E-06	7.12E-01	7.71E-06	9.82E-04	4.63E-02	6.38E-06	6.86E-04	8.93E-06	1.18E+01	1.13E-05	1.24E-03	1.33E-02	2.60E-03	9.21E-01
2064-07-01	38	24.1	12.40	2.53	0.0375	3.5	0.3	0.025	0.0023	5.65E-06	7.12E-01	7.71E-06	9.74E-04	4.73E-02	6.40E-06	6.83E-04	8.97E-06	1.19E+01	1.12E-05	1.24E-03	1.33E-02	2.58E-03	9.21E-01
2064-08-01	38	24.1	12.30	2.53	0.0376	3.49	0.302	0.0252	0.0023	5.69E-06	7.12E-01	7.71E-06	9.75E-04	4.79E-02	6.42E-06	6.84E-04	9.02E-06	1.20E+01	1.12E-05	1.24E-03	1.33E-02	2.57E-03	9.22E-01
2064-09-01	38	24.1	12.40	2.54	0.0379	3.5	0.304	0.0254	0.0023	5.72E-06	7.12E-01	7.71E-06	9.79E-04	4.83E-02	6.44E-06	6.86E-04	9.07E-06	1.21E+01	1.12E-05	1.24E-03	1.33E-02	2.58E-03	9.22E-01
2064-10-01	38	23.9	12.30	2.51	0.0376	3.47	0.303	0.0252	0.00228	5.69E-06	7.12E-01	7.71E-06	9.72E-04	4.81E-02	6.43E-06	6.83E-04	9.02E-06	1.20E+01	1.11E-05	1.23E-03	1.33E-02	2.57E-03	9.22E-01
2064-11-01	38	23.7	12.20	2.49	0.0373	3.44	0.3	0.0251	0.00226	5.65E-06	7.12E-01	7.71E-06	9.64E-04	4.77E-02	6.40E-06	6.80E-04	8.97E-06	1.19E+01	1.10E-05	1.23E-03	1.33E-02	2.56E-03	9.21E-01
2064-12-01	38	23.6	12.10	2.48	0.0372	3.42	0.299	0.0249	0.00225	5.63E-06	7.12E-01	7.71E-06	9.60E-04	4.75E-02	6.39E-06	6.78E-04	8.94E-06	1.19E+01	1.10E-05	1.23E-03	1.33E-02	2.55E-03	9.21E-01
2065-01-01	39	23.6	12.10	2.48	0.0371	3.42	0.299	0.0249	0.00225	5.63E-06	7.12E-01	7.71E-06	9.59E-04	4.75E-02	6.39E-06	6.78E-04	8.93E-06	1.19E+01	1.10E-05	1.23E-03	1.33E-02	2.55E-03	9.21E-01
2065-02-01	39	23.6	12.10	2.47	0.0371	3.41	0.3	0.0249	0.00225	5.63E-06	7.12E-01	7.71E-06	9.59E-04	4.74E-02	6.39E-06	6.78E-04	8.94E-06	1.19E+01	1.10E-05	1.23E-03	1.33E-02	2.55E-03	9.21E-01
2065-03-01	39	23.5	12.10	2.47	0.0372	3.39	0.3	0.0249	0.00225	5.63E-06	7.12E-01	7.71E-06	9.60E-04	4.73E-02	6.39E-06	6.78E-04	8.95E-06	1.19E+01	1.10E-05	1.23E-03	1.33E-02	2.54E-03	9.21E-01
2065-04-01	39	23.4	12.00	2.45	0.0372	3.29	0.304	0.0249	0.00223	5.64E-06	7.12E-01	7.71E-06	9.59E-04	4.67E-02	6.39E-06	6.79E-04	9.00E-06	1.21E+01	1.10E-05	1.23E-03	1.33E-02	2.54E-03	9.22E-01
2065-05-01	39	22.3	11.50	2.32	0.0368	2.88	0.316	0.0246	0.00213	5.62E-06	7.12E-01	7.71E-06	9.46E-04	4.38E-02	6.35E-06	6.78E-04	9.08E-06	1.26E+01	1.08E-05	1.23E-03	1.33E-02	2.48E-03	9.25E-01
2065-06-01	39	21.5	11.00	2.22	0.0365	2.53	0.327	0.0243	0.00205	5.61E-06	7.12E-01	7.70E-06	9.35E-04	4.13E-02	6.31E-06	6.77E-04	9.16E-06	1.31E+01	1.06E-05	1.22E-03	1.33E-02	2.44E-03	9.27E-01
2065-07-01	39	21.3	11.00	2.2	0.0366	2.43	0.333	0.0244	0.00204	5.64E-06	7.12E-01	7.70E-06	9.37E-04	4.07E-02	6.32E-06	6.80E-04	9.24E-06	1.33E+01	1.07E-05	1.22E-03	1.33E-02	2.43E-03	9.29E-01
2065-08-01	39	21.3	11.00	2.2	0.0369	2.39	0.337	0.0245	0.00204	5.67E-06	7.13E-01	7.70E-06	9.43E-04	4.06E-02	6.34E-06	6.83E-04	9.31E-06	1.35E+01	1.07E-05	1.22E-03	1.33E-02	2.44E-03	9.29E-01
2065-09-01	39	21.4	11.00	2.21	0.0371	2.39	0.341	0.0247	0.00205	5.71E-06	7.13E-01	7.71E-06	9.49E-04	4.07E-02	6.36E-06	6.86E-04	9.37E-06	1.37E+01	1.08E-05	1.22E-03	1.33E-02	2.45E-03	9.30E-01
2065-10-01	39	21.3	11.00	2.19	0.0369	2.36	0.339	0.0246	0.00204	5.68E-06	7.13E-01	7.71E-06	9.43E-04	4.04E-02	6.34E-06	6.84E-04	9.33E-06	1.36E+01	1.07E-05	1.22E-03	1.33E-02	2.44E-03	9.30E-01
2065-11-01	39	21.1	10.90	2.17	0.0367	2.34	0.337	0.0244	0.00202	5.64E-06	7.12E-01	7.70E-06	9.36E-04	4.00E-02	6.32E-06	6.81E-04	9.28E-06	1.35E+01	1.06E-05	1.22E-03	1.33E-02	2.42E-03	9.29E-01
2065-12-01	39	21	10.80	2.16	0.0365	2.32	0.336	0.0242	0.00201	5.62E-06	7.12E-01	7.70E-06	9.32E-04	3.98E-02	6.31E-06	6.79E-04	9.24E-06	1.35E+01	1.06E-05	1.22E-03	1.33E-02	2.42E-03	9.29E-01
2066-01-01	40	21	10.80	2.16	0.0365	2.32	0.336	0.0242	0.00201	5.62E-06	7.12E-01	7.70E-06	9.31E-04	3.98E-02	6.31E-06	6.78E-04	9.24E-06	1.35E+01	1.06E-05	1.22E-03	1.33E-02	2.42E-03	9.29E-01
2066-02-01	40	20.9	10.80	2.16	0.0365	2.31	0.336	0.0242	0.00201	5.62E-06	7.12E-01	7.70E-06	9.31E-04	3.97E-02	6.31E-06	6.79E-04	9.25E-06	1.35E+01	1.06E-05	1.22E-03	1.33E-02	2.42E-03	9.29E-01
2066-03-01	40	20.9	10.80	2.15	0.0366	2.3	0.338	0.0242	0.002	5.62E-06	7.12E-01	7.70E-06	9.32E-04	3.94E-02	6.31E-06	6.79E-04	9.26E-06	1.36E+01	1.06E-05	1.22E-03	1.33E-02	2.41E-03	9.29E-01
2066-04-01	40	20.7	10.70	2.13	0.0369	2.24	0.344	0.0242	0.00199	5.63E-06	7.12E-01	7.70E-06	9.34E-04	3.84E-02	6.30E-06	6.81E-04	9.32E-06	1.38E+01	1.06E-05	1.22E-03	1.33E-02	2.41E-03	9.30E-01
2066-05-01	40	19.7	10.20	2.01	0.0376	1.95	0.364	0.0237	0.0019	5.60E-06	7.12E-01	7.70E-06	9.28E-04	3.35E-02	6.24E-06	6.85E-04	9.45E-06	1.46E+01	1.05E-05	1.22E-03	1.33E-02	2.36E-03	9.35E-01
2066-06-01	40	18.8	9.71	1.89	0.0384	1.68	0.384	0.0232	0.00181	5.58E-06	7.13E-01	7.69E-06	9.23E-04	2.88E-02	6.19E-06	6.89E-04	9.59E-06	1.54E+01	1.04E-05	1.21E-03	1.33E-02	2.32E-03	9.39E-01
2066-07-01	40	18.5	9.59	1.85	0.039	1.58	0.395	0.0232															

Pond 2 15ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
Pond 2 Statistics (Year 4 to Year 42)																						
Minimum		0.0812	0.000197255	1.848	0.015296	0.00001805	0.09932	0.14435	0.01275798	0.00002343	0.00001568	0.000009055	0.00431195	0.0015125	0.02280298	6.768E-07	0.000013465	0.00127	0.000014435	0.0001067	0.00082	0.0022441
P10		1.8272	0.003960155	19.107	0.023355	0.00096465	0.2441	2.63245	0.014225	0.00024945	0.0003953	0.000190255	0.15059195	0.0210185	0.023002	2.9355E-06	0.001577265	0.0017215	0.000787235	0.00057035	0.00559	0.00621
Median		5.4372	0.004500155	38.207	0.0476	0.00391765	0.2671	7.87245	0.017575	0.00061495	0.0004223	0.000522755	0.17259195	0.0746185	0.02385	3.0355E-06	0.004672265	0.0060655	0.001123735	0.00067335	0.01373	0.012775
P90		8.5472	0.006190155	56.757	0.0925	0.00988265	0.3456	12.30245	0.02024	0.00136145	0.0004353	0.001067755	0.25159195	0.1863185	0.02545	3.0955E-06	0.010802265	0.0131555	0.001953735	0.00075485	0.03038	0.023875
Maximum		8.9122	0.006800155	60.407	0.09735	0.01050765	0.5141	12.80245	0.02129	0.00147145	0.0004373	0.001157755	0.41909195	0.1993185	0.02564	3.1155E-06	0.011602265	0.0139555	0.002073735	0.00102635	3.27E-02	2.44E-02
Monthly Results																						
2030-02-01	4	8.12E-02	1.97E-04	1.85E+00	1.53E-02	1.81E-05	9.93E-02	1.44E-01	1.28E-02	2.34E-05	1.57E-05	9.06E-06	4.31E-03	1.51E-03	2.28E-02	6.77E-07	1.35E-05	1.27E-03	1.44E-05	1.07E-04	8.20E-04	2.24E-03
2030-03-01	4	1.29E-01	3.06E-04	2.08E+00	1.55E-02	3.50E-05	1.06E-01	2.12E-01	1.28E-02	2.66E-05	2.12E-05	1.12E-05	1.12E-02	1.83E-03	2.28E-02	7.11E-07	3.18E-05	1.29E-03	3.18E-05	1.22E-04	8.85E-04	2.36E-03
2030-04-01	4	3.55E-01	8.26E-04	3.17E+00	1.67E-02	1.16E-04	1.39E-01	5.40E-01	1.28E-02	4.21E-05	4.76E-05	2.13E-05	4.39E-02	3.34E-03	2.28E-02	8.78E-07	1.19E-04	1.41E-03	1.15E-04	1.94E-04	1.20E-03	2.89E-03
2030-05-01	4	1.31E+00	3.01E-03	7.76E+00	2.14E-02	4.56E-04	2.76E-01	1.92E+00	1.31E-02	1.07E-04	1.58E-04	6.36E-05	1.81E-01	9.68E-03	2.29E-02	1.58E-06	4.85E-04	1.88E-03	4.64E-04	4.98E-04	2.50E-03	5.15E-03
2030-06-01	4	2.24E+00	5.12E-03	1.22E+01	2.61E-02	7.85E-04	4.09E-01	3.27E+00	1.33E-02	1.69E-04	2.66E-04	1.05E-04	3.14E-01	1.58E-02	2.30E-02	2.26E-06	8.40E-04	2.34E-03	8.01E-04	7.92E-04	3.76E-03	7.32E-03
2030-07-01	4	2.65E+00	6.03E-03	1.41E+01	2.80E-02	9.27E-04	4.66E-01	3.86E+00	1.35E-02	1.95E-04	3.13E-04	1.22E-04	3.71E-01	1.85E-02	2.31E-02	2.56E-06	9.92E-04	2.54E-03	9.46E-04	9.19E-04	4.31E-03	8.26E-03
2030-08-01	4	2.86E+00	6.48E-03	1.51E+01	2.90E-02	9.98E-04	4.94E-01	4.16E+00	1.35E-02	2.09E-04	3.37E-04	1.31E-04	3.99E-01	1.98E-02	2.31E-02	2.71E-06	1.07E-03	2.64E-03	1.01E-03	9.82E-04	4.58E-03	8.73E-03
2030-09-01	4	2.96E+00	6.70E-03	1.55E+01	2.95E-02	1.03E-03	5.08E-01	4.31E+00	1.35E-02	2.15E-04	3.49E-04	1.36E-04	4.13E-01	2.04E-02	2.31E-02	2.78E-06	1.10E-03	2.68E-03	1.05E-03	1.01E-03	4.71E-03	8.95E-03
2030-10-01	4	3.01E+00	6.78E-03	1.57E+01	2.97E-02	1.05E-03	5.13E-01	4.38E+00	1.35E-02	2.18E-04	3.54E-04	1.37E-04	4.18E-01	2.07E-02	2.31E-02	2.81E-06	1.12E-03	2.70E-03	1.06E-03	1.02E-03	4.76E-03	9.05E-03
2030-11-01	4	3.03E+00	6.80E-03	1.58E+01	2.97E-02	1.05E-03	5.14E-01	4.40E+00	1.35E-02	2.19E-04	3.56E-04	1.38E-04	4.19E-01	2.07E-02	2.31E-02	2.82E-06	1.12E-03	2.71E-03	1.07E-03	1.03E-03	4.77E-03	9.06E-03
2030-12-01	4	3.03E+00	6.79E-03	1.58E+01	2.97E-02	1.05E-03	5.14E-01	4.41E+00	1.35E-02	2.18E-04	3.56E-04	1.38E-04	4.19E-01	2.07E-02	2.31E-02	2.82E-06	1.12E-03	2.71E-03	1.06E-03	1.03E-03	4.77E-03	9.05E-03
2031-01-01	5	3.03E+00	6.79E-03	1.58E+01	2.97E-02	1.05E-03	5.14E-01	4.41E+00	1.35E-02	2.18E-04	3.56E-04	1.38E-04	4.19E-01	2.07E-02	2.31E-02	2.82E-06	1.12E-03	2.71E-03	1.06E-03	1.03E-03	4.77E-03	9.06E-03
2031-02-01	5	3.06E+00	6.73E-03	1.59E+01	2.98E-02	1.06E-03	5.09E-01	4.45E+00	1.36E-02	2.20E-04	3.58E-04	1.39E-04	4.14E-01	2.10E-02	2.31E-02	2.83E-06	1.14E-03	2.72E-03	1.06E-03	1.02E-03	4.80E-03	8.99E-03
2031-03-01	5	3.11E+00	6.63E-03	1.60E+01	2.98E-02	1.09E-03	5.02E-01	4.51E+00	1.36E-02	2.21E-04	3.60E-04	1.40E-04	4.07E-01	2.14E-02	2.31E-02	2.84E-06	1.16E-03	2.75E-03	1.04E-03	1.00E-03	4.84E-03	8.89E-03
2031-04-01	5	3.31E+00	6.17E-03	1.65E+01	3.01E-02	1.18E-03	4.68E-01	4.80E+00	1.36E-02	2.29E-04	3.70E-04	1.48E-04	3.74E-01	2.31E-02	2.31E-02	2.87E-06	1.26E-03	2.85E-03	9.92E-04	9.32E-04	5.04E-03	8.43E-03
2031-05-01	5	3.90E+00	4.67E-03	1.79E+01	3.06E-02	1.46E-03	3.61E-01	5.65E+00	1.37E-02	2.50E-04	3.98E-04	1.70E-04	2.67E-01	2.83E-02	2.32E-02	2.96E-06	1.55E-03	3.17E-03	8.07E-04	7.11E-04	5.61E-03	6.92E-03
2031-06-01	5	4.13E+00	3.89E-03	1.83E+01	3.07E-02	1.57E-03	3.06E-01	5.99E+00	1.38E-02	2.57E-04	4.06E-04	1.79E-04	2.11E-01	3.04E-02	2.32E-02	2.97E-06	1.66E-03	3.29E-03	7.06E-04	5.95E-04	5.81E-03	6.13E-03
2031-07-01	5	4.23E+00	3.76E-03	1.86E+01	3.09E-02	1.61E-03	2.97E-01	6.13E+00	1.38E-02	2.61E-04	4.13E-04	1.82E-04	2.02E-01	3.12E-02	2.32E-02	3.01E-06	1.71E-03	3.34E-03	6.93E-04	5.76E-04	5.92E-03	6.01E-03
2031-08-01	5	4.31E+00	3.75E-03	1.89E+01	3.11E-02	1.64E-03	2.95E-01	6.24E+00	1.38E-02	2.65E-04	4.18E-04	1.85E-04	2.00E-01	3.17E-02	2.33E-02	3.04E-06	1.74E-03	3.38E-03	6.93E-04	5.73E-04	6.00E-03	5.99E-03
2031-09-01	5	4.42E+00	3.81E-03	1.93E+01	3.15E-02	1.68E-03	2.98E-01	6.41E+00	1.39E-02	2.71E-04	4.29E-04	1.90E-04	2.03E-01	3.25E-02	2.33E-02	3.10E-06	1.79E-03	3.43E-03	7.06E-04	5.80E-04	6.13E-03	6.06E-03
2031-10-01	5	4.36E+00	3.73E-03	1.90E+01	3.12E-02	1.66E-03	2.93E-01	6.32E+00	1.38E-02	2.67E-04	4.23E-04	1.87E-04	1.98E-01	3.21E-02	2.33E-02	3.06E-0						

Pond_ 2 15ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2035-04-01	9	5.26E+00	4.02E-03	2.31E+01	4.01E-02	2.86E-03	2.81E-01	7.65E+00	1.46E-02	4.20E-04	4.21E-04	3.13E-04	1.87E-01	5.47E-02	2.36E-02	3.04E-06	3.04E-03	4.83E-03	8.65E-04	5.80E-04	9.46E-03	6.83E-03
2035-05-01	9	5.48E+00	4.15E-03	2.40E+01	4.23E-02	3.16E-03	2.83E-01	7.95E+00	1.48E-02	4.60E-04	4.19E-04	3.45E-04	1.88E-01	6.03E-02	2.37E-02	3.03E-06	3.36E-03	5.18E-03	9.16E-04	5.90E-04	1.03E-02	6.41E-03
2035-06-01	9	5.50E+00	4.15E-03	2.41E+01	4.30E-02	3.25E-03	2.80E-01	7.99E+00	1.49E-02	4.71E-04	4.12E-04	3.55E-04	1.86E-01	6.20E-02	2.37E-02	2.99E-06	3.46E-03	5.29E-03	9.27E-04	5.88E-04	1.06E-02	6.16E-03
2035-07-01	9	5.57E+00	4.20E-03	2.44E+01	4.34E-02	3.31E-03	2.82E-01	8.09E+00	1.50E-02	4.80E-04	4.16E-04	3.61E-04	1.88E-01	6.31E-02	2.37E-02	3.02E-06	3.53E-03	5.36E-03	9.41E-04	5.94E-04	1.08E-02	6.16E-03
2035-08-01	9	5.64E+00	4.25E-03	2.47E+01	4.38E-02	3.36E-03	2.84E-01	8.19E+00	1.50E-02	4.86E-04	4.20E-04	3.66E-04	1.90E-01	6.40E-02	2.37E-02	3.04E-06	3.57E-03	5.42E-03	9.52E-04	6.00E-04	1.09E-02	6.18E-03
2035-09-01	9	5.79E+00	4.36E-03	2.53E+01	4.46E-02	3.45E-03	2.89E-01	8.41E+00	1.50E-02	4.99E-04	4.31E-04	3.76E-04	1.95E-01	6.58E-02	2.37E-02	3.10E-06	3.67E-03	5.53E-03	9.78E-04	6.13E-04	1.12E-02	6.29E-03
2035-10-01	9	5.71E+00	4.30E-03	2.50E+01	4.42E-02	3.40E-03	2.86E-01	8.29E+00	1.50E-02	4.92E-04	4.25E-04	3.71E-04	1.92E-01	6.49E-02	2.37E-02	3.07E-06	3.62E-03	5.47E-03	9.64E-04	6.06E-04	1.11E-02	6.22E-03
2035-11-01	9	5.65E+00	4.25E-03	2.48E+01	4.39E-02	3.37E-03	2.84E-01	8.21E+00	1.50E-02	4.87E-04	4.21E-04	3.67E-04	1.90E-01	6.42E-02	2.37E-02	3.04E-06	3.59E-03	5.43E-03	9.55E-04	6.00E-04	1.10E-02	6.18E-03
2035-12-01	9	5.62E+00	4.23E-03	2.46E+01	4.38E-02	3.35E-03	2.83E-01	8.17E+00	1.50E-02	4.85E-04	4.19E-04	3.65E-04	1.89E-01	6.39E-02	2.37E-02	3.03E-06	3.57E-03	5.41E-03	9.50E-04	5.98E-04	1.09E-02	6.16E-03
2036-01-01	10	5.62E+00	4.23E-03	2.46E+01	4.38E-02	3.35E-03	2.83E-01	8.17E+00	1.50E-02	4.85E-04	4.19E-04	3.65E-04	1.89E-01	6.39E-02	2.37E-02	3.03E-06	3.57E-03	5.41E-03	9.49E-04	5.98E-04	1.09E-02	6.15E-03
2036-02-01	10	5.63E+00	4.23E-03	2.47E+01	4.38E-02	3.36E-03	2.83E-01	8.17E+00	1.50E-02	4.86E-04	4.19E-04	3.66E-04	1.89E-01	6.41E-02	2.37E-02	3.03E-06	3.58E-03	5.42E-03	9.50E-04	5.97E-04	1.09E-02	6.21E-03
2036-03-01	10	5.64E+00	4.23E-03	2.48E+01	4.39E-02	3.38E-03	2.83E-01	8.19E+00	1.50E-02	4.88E-04	4.19E-04	3.68E-04	1.88E-01	6.44E-02	2.37E-02	3.03E-06	3.59E-03	5.44E-03	9.52E-04	5.97E-04	1.10E-02	6.31E-03
2036-04-01	10	5.67E+00	4.23E-03	2.51E+01	4.45E-02	3.44E-03	2.81E-01	8.24E+00	1.50E-02	4.96E-04	4.21E-04	3.74E-04	1.87E-01	6.56E-02	2.37E-02	3.04E-06	3.66E-03	5.53E-03	9.59E-04	5.95E-04	1.12E-02	6.73E-03
2036-05-01	10	5.73E+00	4.20E-03	2.59E+01	4.56E-02	3.60E-03	2.74E-01	8.32E+00	1.51E-02	5.14E-04	4.21E-04	3.89E-04	1.80E-01	6.86E-02	2.38E-02	3.04E-06	3.82E-03	5.73E-03	9.69E-04	5.85E-04	1.16E-02	7.89E-03
2036-06-01	10	5.66E+00	4.12E-03	2.59E+01	4.56E-02	3.62E-03	2.69E-01	8.23E+00	1.51E-02	5.14E-04	4.15E-04	3.89E-04	1.74E-01	6.88E-02	2.38E-02	3.00E-06	3.83E-03	5.75E-03	9.59E-04	5.74E-04	1.16E-02	8.30E-03
2036-07-01	10	5.72E+00	4.15E-03	2.62E+01	4.60E-02	3.66E-03	2.70E-01	8.31E+00	1.51E-02	5.20E-04	4.18E-04	3.94E-04	1.75E-01	6.97E-02	2.38E-02	3.02E-06	3.87E-03	5.80E-03	9.68E-04	5.77E-04	1.17E-02	8.45E-03
2036-08-01	10	5.78E+00	4.19E-03	2.64E+01	4.64E-02	3.70E-03	2.71E-01	8.39E+00	1.51E-02	5.26E-04	4.22E-04	3.98E-04	1.77E-01	7.05E-02	2.38E-02	3.04E-06	3.92E-03	5.85E-03	9.78E-04	5.81E-04	1.18E-02	8.55E-03
2036-09-01	10	5.87E+00	4.25E-03	2.68E+01	4.68E-02	3.76E-03	2.74E-01	8.52E+00	1.52E-02	5.34E-04	4.29E-04	4.04E-04	1.79E-01	7.16E-02	2.38E-02	3.08E-06	3.98E-03	5.93E-03	9.93E-04	5.89E-04	1.20E-02	8.66E-03
2036-10-01	10	5.88E+00	4.26E-03	2.69E+01	4.69E-02	3.77E-03	2.74E-01	8.54E+00	1.52E-02	5.35E-04	4.30E-04	4.05E-04	1.80E-01	7.18E-02	2.38E-02	3.09E-06	3.99E-03	5.94E-03	9.95E-04	5.90E-04	1.20E-02	8.69E-03
2036-11-01	10	5.83E+00	4.22E-03	2.67E+01	4.67E-02	3.74E-03	2.73E-01	8.47E+00	1.52E-02	5.31E-04	4.26E-04	4.02E-04	1.78E-01	7.12E-02	2.38E-02	3.07E-06	3.96E-03	5.90E-03	9.87E-04	5.85E-04	1.19E-02	8.64E-03
2036-12-01	10	5.79E+00	4.19E-03	2.65E+01	4.64E-02	3.71E-03	2.71E-01	8.41E+00	1.51E-02	5.27E-04	4.23E-04	3.99E-04	1.77E-01	7.07E-02	2.38E-02	3.05E-06	3.93E-03	5.87E-03	9.80E-04	5.82E-04	1.19E-02	8.59E-03
2037-01-01	11	5.79E+00	4.19E-03	2.65E+01	4.64E-02	3.71E-03	2.71E-01	8.40E+00	1.51E-02	5.27E-04	4.23E-04	3.99E-04	1.77E-01	7.06E-02	2.38E-02	3.05E-06	3.92E-03	5.86E-03	9.79E-04	5.81E-04	1.18E-02	8.59E-03
2037-02-01	11	5.78E+00	4.19E-03	2.66E+01	4.65E-02	3.72E-03	2.71E-01	8.40E+00	1.51E-02	5.28E-04	4.23E-04	4.00E-04	1.77E-01	7.08E-02	2.38E-02	3.05E-06	3.93E-03	5.87E-03	9.80E-04	5.81E-04	1.19E-02	8.62E-03
2037-03-01	11	5.78E+00	4.20E-03	2.67E+01	4.66E-02	3.73E-03	2.71E-01	8.39E+00	1.52E-02	5.30E-04	4.24E-04	4.01E-04	1.77E-01	7.10E-02	2.38E-02	3.05E-06	3.95E-03	5.89E-03	9.82E-04	5.82E-04	1.19E-02	8.67E-03
2037-04-01	11	5.75E+00	4.20E-03	2.72E+01	4.70E-02	3.79E-03	2.70E-01	8.35E+00	1.52E-02	5.37E-04	4.24E-04	4.08E-04	1.76E-01	7.21E-02	2.38E-02	3.06.						

Pond_2 15ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2041-01-01	15	5.61E+00	4.34E-03	3.71E+01	5.49E-02	4.96E-03	2.50E-01	8.11E+00	1.64E-02	7.05E-04	4.36E-04	5.49E-04	1.56E-01	9.43E-02	2.41E-02	3.11E-06	5.42E-03	7.21E-03	1.15E-03	5.77E-04	1.58E-02	1.32E-02
2041-02-01	15	5.62E+00	4.34E-03	3.72E+01	5.50E-02	4.97E-03	2.50E-01	8.12E+00	1.64E-02	7.07E-04	4.36E-04	5.50E-04	1.56E-01	9.45E-02	2.41E-02	3.11E-06	5.43E-03	7.23E-03	1.16E-03	5.77E-04	1.58E-02	1.32E-02
2041-03-01	15	5.63E+00	4.35E-03	3.73E+01	5.52E-02	4.99E-03	2.50E-01	8.14E+00	1.64E-02	7.09E-04	4.36E-04	5.52E-04	1.56E-01	9.49E-02	2.41E-02	3.11E-06	5.45E-03	7.25E-03	1.16E-03	5.78E-04	1.59E-02	1.32E-02
2041-04-01	15	5.68E+00	4.37E-03	3.75E+01	5.57E-02	5.06E-03	2.50E-01	8.21E+00	1.65E-02	7.20E-04	4.35E-04	5.61E-04	1.56E-01	9.63E-02	2.42E-02	3.10E-06	5.54E-03	7.34E-03	1.17E-03	5.79E-04	1.61E-02	1.32E-02
2041-05-01	15	5.75E+00	4.40E-03	3.79E+01	5.68E-02	5.21E-03	2.48E-01	8.31E+00	1.66E-02	7.41E-04	4.29E-04	5.77E-04	1.53E-01	9.91E-02	2.42E-02	3.07E-06	5.72E-03	7.51E-03	1.19E-03	5.79E-04	1.66E-02	1.30E-02
2041-06-01	15	5.69E+00	4.34E-03	3.75E+01	5.66E-02	5.19E-03	2.45E-01	8.23E+00	1.66E-02	7.38E-04	4.21E-04	5.75E-04	1.50E-01	9.87E-02	2.42E-02	3.02E-06	5.70E-03	7.49E-03	1.18E-03	5.72E-04	1.66E-02	1.28E-02
2041-07-01	15	5.75E+00	4.38E-03	3.78E+01	5.70E-02	5.25E-03	2.46E-01	8.30E+00	1.66E-02	7.46E-04	4.24E-04	5.81E-04	1.52E-01	9.97E-02	2.42E-02	3.04E-06	5.76E-03	7.55E-03	1.19E-03	5.76E-04	1.67E-02	1.28E-02
2041-08-01	15	5.80E+00	4.42E-03	3.81E+01	5.74E-02	5.30E-03	2.47E-01	8.38E+00	1.67E-02	7.52E-04	4.28E-04	5.87E-04	1.53E-01	1.01E-01	2.42E-02	3.06E-06	5.81E-03	7.61E-03	1.20E-03	5.81E-04	1.69E-02	1.29E-02
2041-09-01	15	5.85E+00	4.45E-03	3.84E+01	5.78E-02	5.34E-03	2.48E-01	8.45E+00	1.67E-02	7.59E-04	4.31E-04	5.91E-04	1.54E-01	1.01E-01	2.42E-02	3.08E-06	5.86E-03	7.66E-03	1.21E-03	5.84E-04	1.70E-02	1.30E-02
2041-10-01	15	5.84E+00	4.45E-03	3.84E+01	5.77E-02	5.33E-03	2.48E-01	8.44E+00	1.67E-02	7.58E-04	4.30E-04	5.91E-04	1.54E-01	1.01E-01	2.42E-02	3.08E-06	5.86E-03	7.66E-03	1.21E-03	5.84E-04	1.70E-02	1.30E-02
2041-11-01	15	5.84E+00	4.45E-03	3.84E+01	5.77E-02	5.33E-03	2.48E-01	8.44E+00	1.67E-02	7.58E-04	4.30E-04	5.91E-04	1.54E-01	1.01E-01	2.42E-02	3.07E-06	5.85E-03	7.65E-03	1.21E-03	5.84E-04	1.70E-02	1.30E-02
2041-12-01	15	5.93E+00	4.51E-03	3.89E+01	5.84E-02	5.41E-03	2.50E-01	8.56E+00	1.68E-02	7.69E-04	4.37E-04	5.99E-04	1.56E-01	1.03E-01	2.43E-02	3.11E-06	5.94E-03	7.75E-03	1.23E-03	5.91E-04	1.72E-02	1.32E-02
2042-01-01	16	5.91E+00	4.50E-03	3.88E+01	5.82E-02	5.40E-03	2.50E-01	8.54E+00	1.68E-02	7.67E-04	4.35E-04	5.98E-04	1.56E-01	1.02E-01	2.42E-02	3.10E-06	5.93E-03	7.73E-03	1.23E-03	5.89E-04	1.72E-02	1.31E-02
2042-02-01	16	5.91E+00	4.50E-03	3.89E+01	5.83E-02	5.41E-03	2.50E-01	8.54E+00	1.68E-02	7.69E-04	4.35E-04	5.99E-04	1.56E-01	1.02E-01	2.43E-02	3.10E-06	5.94E-03	7.74E-03	1.23E-03	5.90E-04	1.72E-02	1.31E-02
2042-03-01	16	5.92E+00	4.51E-03	3.91E+01	5.85E-02	5.43E-03	2.50E-01	8.55E+00	1.68E-02	7.72E-04	4.35E-04	6.02E-04	1.56E-01	1.03E-01	2.43E-02	3.10E-06	5.97E-03	7.76E-03	1.23E-03	5.91E-04	1.73E-02	1.31E-02
2042-04-01	16	5.94E+00	4.53E-03	3.96E+01	5.90E-02	5.51E-03	2.49E-01	8.58E+00	1.69E-02	7.85E-04	4.35E-04	6.14E-04	1.55E-01	1.04E-01	2.43E-02	3.10E-06	6.08E-03	7.84E-03	1.25E-03	5.93E-04	1.76E-02	1.31E-02
2042-05-01	16	5.93E+00	4.56E-03	4.07E+01	5.99E-02	5.67E-03	2.47E-01	8.56E+00	1.72E-02	8.13E-04	4.29E-04	6.39E-04	1.53E-01	1.08E-01	2.43E-02	3.07E-06	6.31E-03	7.97E-03	1.28E-03	5.94E-04	1.82E-02	1.30E-02
2042-06-01	16	5.84E+00	4.50E-03	4.05E+01	5.95E-02	5.64E-03	2.44E-01	8.42E+00	1.72E-02	8.10E-04	4.21E-04	6.39E-04	1.50E-01	1.07E-01	2.43E-02	3.02E-06	6.30E-03	7.92E-03	1.27E-03	5.87E-04	1.82E-02	1.27E-02
2042-07-01	16	5.89E+00	4.54E-03	4.09E+01	6.00E-02	5.70E-03	2.45E-01	8.49E+00	1.73E-02	8.19E-04	4.24E-04	6.46E-04	1.51E-01	1.08E-01	2.43E-02	3.04E-06	6.37E-03	7.98E-03	1.28E-03	5.92E-04	1.83E-02	1.28E-02
2042-08-01	16	5.94E+00	4.58E-03	4.12E+01	6.04E-02	5.76E-03	2.47E-01	8.57E+00	1.73E-02	8.27E-04	4.28E-04	6.52E-04	1.53E-01	1.09E-01	2.43E-02	3.06E-06	6.43E-03	8.05E-03	1.30E-03	5.96E-04	1.85E-02	1.29E-02
2042-09-01	16	5.99E+00	4.61E-03	4.16E+01	6.08E-02	5.80E-03	2.48E-01	8.64E+00	1.74E-02	8.33E-04	4.31E-04	6.57E-04	1.54E-01	1.10E-01	2.43E-02	3.08E-06	6.49E-03	8.10E-03	1.31E-03	6.00E-04	1.87E-02	1.30E-02
2042-10-01	16	5.98E+00	4.61E-03	4.15E+01	6.07E-02	5.80E-03	2.48E-01	8.63E+00	1.74E-02	8.33E-04	4.31E-04	6.57E-04	1.54E-01	1.10E-01	2.43E-02	3.08E-06	6.48E-03	8.10E-03	1.31E-03	6.00E-04	1.86E-02	1.30E-02
2042-11-01	16	5.98E+00	4.61E-03	4.15E+01	6.07E-02	5.80E-03	2.48E-01	8.63E+00	1.74E-02	8.33E-04	4.30E-04	6.57E-04	1.54E-01	1.10E-01	2.43E-02	3.08E-06	6.48E-03	8.09E-03	1.31E-03	5.99E-04	1.86E-02	1.30E-02
2042-12-01	16	6.06E+00	4.66E-03	4.20E+01	6.13E-02	5.87E-03	2.50E-01	8.74E+00	1.74E-02	8.43E-04	4.36E-04	6.65E-04	1.56E-01	1.11E-01	2.44E-02	3.11E-06	6.56E-03	8.18E-03	1.32E-03	6.06E-04	1.89E-02	1.31E-02
2043-01-01	17	6.04E+00	4.65E-03	4.19E+01	6.12E-02	5.86E-03	2.49E-01	8.72E+00	1.74E-02	8.41E-04	4.35E-04	6.63E-04	1.55E-01	1.11E-01	2.44E-02</							

Pond_ 2 15ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2046-10-01	20	7.06E+00	5.25E-03	4.96E+01	7.35E-02	7.58E-03	2.46E-01	1.02E+01	1.91E-02	1.09E-03	4.31E-04	8.69E-04	1.52E-01	1.44E-01	2.48E-02	3.08E-06	8.60E-03	1.01E-02	1.62E-03	6.54E-04	2.43E-02	1.28E-02
2046-11-01	20	7.06E+00	5.24E-03	4.95E+01	7.34E-02	7.57E-03	2.46E-01	1.02E+01	1.91E-02	1.09E-03	4.31E-04	8.68E-04	1.52E-01	1.44E-01	2.48E-02	3.08E-06	8.59E-03	1.01E-02	1.62E-03	6.53E-04	2.43E-02	1.28E-02
2046-12-01	20	7.14E+00	5.31E-03	5.01E+01	7.42E-02	7.67E-03	2.48E-01	1.03E+01	1.92E-02	1.10E-03	4.36E-04	8.79E-04	1.54E-01	1.46E-01	2.48E-02	3.11E-06	8.70E-03	1.02E-02	1.64E-03	6.60E-04	2.46E-02	1.29E-02
2047-01-01	21	7.13E+00	5.30E-03	5.01E+01	7.41E-02	7.65E-03	2.48E-01	1.03E+01	1.92E-02	1.10E-03	4.35E-04	8.78E-04	1.54E-01	1.45E-01	2.48E-02	3.10E-06	8.68E-03	1.02E-02	1.63E-03	6.59E-04	2.46E-02	1.29E-02
2047-02-01	21	7.14E+00	5.30E-03	5.01E+01	7.42E-02	7.67E-03	2.48E-01	1.03E+01	1.92E-02	1.10E-03	4.35E-04	8.79E-04	1.54E-01	1.46E-01	2.48E-02	3.10E-06	8.70E-03	1.02E-02	1.64E-03	6.59E-04	2.46E-02	1.29E-02
2047-03-01	21	7.15E+00	5.31E-03	5.02E+01	7.43E-02	7.69E-03	2.48E-01	1.03E+01	1.92E-02	1.10E-03	4.35E-04	8.81E-04	1.54E-01	1.46E-01	2.48E-02	3.10E-06	8.72E-03	1.02E-02	1.64E-03	6.60E-04	2.47E-02	1.29E-02
2047-04-01	21	7.20E+00	5.34E-03	5.05E+01	7.50E-02	7.77E-03	2.47E-01	1.04E+01	1.93E-02	1.11E-03	4.35E-04	8.90E-04	1.54E-01	1.47E-01	2.49E-02	3.10E-06	8.81E-03	1.03E-02	1.65E-03	6.62E-04	2.49E-02	1.29E-02
2047-05-01	21	7.25E+00	5.36E-03	5.07E+01	7.59E-02	7.90E-03	2.45E-01	1.05E+01	1.93E-02	1.13E-03	4.29E-04	9.02E-04	1.52E-01	1.50E-01	2.49E-02	3.06E-06	8.94E-03	1.05E-02	1.67E-03	6.61E-04	2.53E-02	1.27E-02
2047-06-01	21	7.17E+00	5.30E-03	5.02E+01	7.55E-02	7.85E-03	2.42E-01	1.03E+01	1.93E-02	1.12E-03	4.21E-04	8.95E-04	1.49E-01	1.49E-01	2.49E-02	3.02E-06	8.87E-03	1.04E-02	1.65E-03	6.53E-04	2.51E-02	1.26E-02
2047-07-01	21	7.24E+00	5.35E-03	5.07E+01	7.61E-02	7.93E-03	2.44E-01	1.05E+01	1.93E-02	1.13E-03	4.25E-04	9.04E-04	1.50E-01	1.50E-01	2.49E-02	3.04E-06	8.96E-03	1.05E-02	1.67E-03	6.58E-04	2.53E-02	1.26E-02
2047-08-01	21	7.31E+00	5.39E-03	5.11E+01	7.67E-02	8.00E-03	2.45E-01	1.05E+01	1.94E-02	1.14E-03	4.28E-04	9.12E-04	1.51E-01	1.52E-01	2.49E-02	3.06E-06	9.04E-03	1.06E-02	1.68E-03	6.63E-04	2.55E-02	1.27E-02
2047-09-01	21	7.36E+00	5.43E-03	5.15E+01	7.72E-02	8.06E-03	2.46E-01	1.06E+01	1.94E-02	1.15E-03	4.31E-04	9.19E-04	1.52E-01	1.53E-01	2.49E-02	3.08E-06	9.11E-03	1.06E-02	1.70E-03	6.67E-04	2.57E-02	1.28E-02
2047-10-01	21	7.35E+00	5.43E-03	5.14E+01	7.71E-02	8.05E-03	2.46E-01	1.06E+01	1.94E-02	1.15E-03	4.31E-04	9.18E-04	1.52E-01	1.53E-01	2.49E-02	3.08E-06	9.10E-03	1.06E-02	1.69E-03	6.66E-04	2.57E-02	1.28E-02
2047-11-01	21	7.35E+00	5.42E-03	5.14E+01	7.70E-02	8.04E-03	2.46E-01	1.06E+01	1.94E-02	1.15E-03	4.31E-04	9.17E-04	1.52E-01	1.53E-01	2.49E-02	3.08E-06	9.09E-03	1.06E-02	1.69E-03	6.66E-04	2.57E-02	1.28E-02
2047-12-01	21	7.45E+00	5.49E-03	5.20E+01	7.79E-02	8.15E-03	2.48E-01	1.07E+01	1.95E-02	1.16E-03	4.36E-04	9.29E-04	1.54E-01	1.55E-01	2.50E-02	3.11E-06	9.21E-03	1.08E-02	1.72E-03	6.73E-04	2.60E-02	1.29E-02
2048-01-01	22	7.43E+00	5.48E-03	5.19E+01	7.77E-02	8.13E-03	2.47E-01	1.07E+01	1.95E-02	1.16E-03	4.35E-04	9.28E-04	1.54E-01	1.54E-01	2.50E-02	3.10E-06	9.19E-03	1.07E-02	1.71E-03	6.72E-04	2.60E-02	1.29E-02
2048-02-01	22	7.44E+00	5.48E-03	5.19E+01	7.78E-02	8.15E-03	2.47E-01	1.07E+01	1.95E-02	1.16E-03	4.35E-04	9.29E-04	1.54E-01	1.54E-01	2.50E-02	3.10E-06	9.21E-03	1.07E-02	1.71E-03	6.73E-04	2.60E-02	1.29E-02
2048-03-01	22	7.45E+00	5.49E-03	5.20E+01	7.80E-02	8.17E-03	2.47E-01	1.07E+01	1.95E-02	1.17E-03	4.35E-04	9.31E-04	1.54E-01	1.55E-01	2.50E-02	3.10E-06	9.23E-03	1.08E-02	1.72E-03	6.73E-04	2.60E-02	1.29E-02
2048-04-01	22	7.48E+00	5.52E-03	5.23E+01	7.86E-02	8.24E-03	2.47E-01	1.08E+01	1.95E-02	1.17E-03	4.35E-04	9.37E-04	1.54E-01	1.56E-01	2.50E-02	3.10E-06	9.30E-03	1.09E-02	1.73E-03	6.75E-04	2.62E-02	1.29E-02
2048-05-01	22	7.48E+00	5.53E-03	5.24E+01	7.95E-02	8.35E-03	2.45E-01	1.08E+01	1.95E-02	1.18E-03	4.29E-04	9.45E-04	1.51E-01	1.58E-01	2.50E-02	3.06E-06	9.39E-03	1.10E-02	1.74E-03	6.72E-04	2.65E-02	1.27E-02
2048-06-01	22	7.40E+00	5.47E-03	5.19E+01	7.91E-02	8.29E-03	2.42E-01	1.07E+01	1.94E-02	1.17E-03	4.21E-04	9.36E-04	1.49E-01	1.57E-01	2.50E-02	3.02E-06	9.30E-03	1.10E-02	1.72E-03	6.64E-04	2.62E-02	1.25E-02
2048-07-01	22	7.47E+00	5.52E-03	5.24E+01	7.97E-02	8.38E-03	2.43E-01	1.08E+01	1.95E-02	1.19E-03	4.25E-04	9.46E-04	1.50E-01	1.59E-01	2.50E-02	3.04E-06	9.40E-03	1.11E-02	1.74E-03	6.70E-04	2.65E-02	1.26E-02
2048-08-01	22	7.53E+00	5.56E-03	5.28E+01	8.03E-02	8.45E-03	2.45E-01	1.09E+01	1.96E-02	1.20E-03	4.29E-04	9.53E-04	1.51E-01	1.60E-01	2.50E-02	3.06E-06	9.48E-03	1.12E-02	1.75E-03	6.74E-04	2.67E-02	1.27E-02
2048-09-01	22	7.59E+00	5.61E-03	5.32E+01	8.08E-02	8.51E-03	2.46E-01	1.10E+01	1.96E-02	1.21E-03	4.32E-04	9.61E-04	1.52E-01	1.61E-01	2.51E-02	3.08E-06	9.55E-03	1.12E-02	1.76E-03	6.79E-04	2.69E-02	1.28E-02
2048-10-01	22	7.58E+00	5.60E-03	5.31E+01	8.07E-02	8.50E-03	2.45E-01	1.09E+01	1.96E-02	1.20E-03	4.31E-04	9.59E-04	1.52E-01	1.61E-01	2.51E-02</							

Pond_ 2 15ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorus mg/L
2052-07-01	26	8.54E+00	6.12E-03	5.64E+01	9.27E-02	9.90E-03	2.42E-01	1.23E+01	1.98E-02	1.36E-03	4.26E-04	1.07E-03	1.49E-01	1.87E-01	2.55E-02	3.05E-06	1.08E-02	1.33E-02	1.95E-03	7.06E-04	3.04E-02	1.25E-02
2052-08-01	26	8.60E+00	6.16E-03	5.68E+01	9.33E-02	9.97E-03	2.43E-01	1.24E+01	1.98E-02	1.37E-03	4.29E-04	1.08E-03	1.50E-01	1.88E-01	2.55E-02	3.07E-06	1.09E-02	1.33E-02	1.96E-03	7.10E-04	3.06E-02	1.26E-02
2052-09-01	26	8.66E+00	6.20E-03	5.72E+01	9.38E-02	1.00E-02	2.44E-01	1.25E+01	1.99E-02	1.38E-03	4.32E-04	1.08E-03	1.51E-01	1.89E-01	2.55E-02	3.08E-06	1.09E-02	1.34E-02	1.97E-03	7.14E-04	3.08E-02	1.27E-02
2052-10-01	26	8.64E+00	6.19E-03	5.70E+01	9.36E-02	1.00E-02	2.44E-01	1.25E+01	1.99E-02	1.38E-03	4.31E-04	1.08E-03	1.51E-01	1.89E-01	2.55E-02	3.08E-06	1.09E-02	1.34E-02	1.97E-03	7.13E-04	3.07E-02	1.26E-02
2052-11-01	26	8.63E+00	6.18E-03	5.70E+01	9.35E-02	1.00E-02	2.44E-01	1.25E+01	1.99E-02	1.37E-03	4.31E-04	1.08E-03	1.51E-01	1.88E-01	2.55E-02	3.07E-06	1.09E-02	1.34E-02	1.97E-03	7.12E-04	3.07E-02	1.26E-02
2052-12-01	26	8.72E+00	6.24E-03	5.75E+01	9.43E-02	1.01E-02	2.45E-01	1.26E+01	1.99E-02	1.39E-03	4.35E-04	1.09E-03	1.52E-01	1.90E-01	2.55E-02	3.10E-06	1.10E-02	1.35E-02	1.99E-03	7.18E-04	3.10E-02	1.27E-02
2053-01-01	27	8.72E+00	6.24E-03	5.75E+01	9.43E-02	1.01E-02	2.45E-01	1.26E+01	1.99E-02	1.39E-03	4.35E-04	1.09E-03	1.52E-01	1.90E-01	2.55E-02	3.10E-06	1.10E-02	1.35E-02	1.99E-03	7.18E-04	3.10E-02	1.27E-02
2053-02-01	27	8.72E+00	6.24E-03	5.75E+01	9.44E-02	1.01E-02	2.45E-01	1.26E+01	1.99E-02	1.39E-03	4.35E-04	1.09E-03	1.52E-01	1.90E-01	2.55E-02	3.10E-06	1.10E-02	1.35E-02	1.99E-03	7.19E-04	3.10E-02	1.27E-02
2053-03-01	27	8.73E+00	6.25E-03	5.76E+01	9.44E-02	1.01E-02	2.45E-01	1.26E+01	1.99E-02	1.39E-03	4.35E-04	1.09E-03	1.52E-01	1.91E-01	2.55E-02	3.10E-06	1.10E-02	1.35E-02	1.99E-03	7.19E-04	3.10E-02	1.27E-02
2053-04-01	27	8.74E+00	6.25E-03	5.77E+01	9.47E-02	1.01E-02	2.45E-01	1.26E+01	2.00E-02	1.40E-03	4.35E-04	1.10E-03	1.52E-01	1.91E-01	2.55E-02	3.10E-06	1.11E-02	1.36E-02	1.99E-03	7.19E-04	3.11E-02	1.27E-02
2053-05-01	27	8.65E+00	6.19E-03	5.73E+01	9.41E-02	1.01E-02	2.43E-01	1.25E+01	2.00E-02	1.39E-03	4.28E-04	1.09E-03	1.49E-01	1.90E-01	2.55E-02	3.06E-06	1.10E-02	1.35E-02	1.98E-03	7.13E-04	3.10E-02	1.25E-02
2053-06-01	27	8.56E+00	6.12E-03	5.68E+01	9.33E-02	9.98E-03	2.41E-01	1.23E+01	1.99E-02	1.37E-03	4.22E-04	1.08E-03	1.47E-01	1.88E-01	2.55E-02	3.03E-06	1.09E-02	1.33E-02	1.96E-03	7.05E-04	3.07E-02	1.24E-02
2053-07-01	27	8.64E+00	6.18E-03	5.73E+01	9.41E-02	1.01E-02	2.42E-01	1.25E+01	2.00E-02	1.39E-03	4.26E-04	1.09E-03	1.49E-01	1.90E-01	2.55E-02	3.05E-06	1.10E-02	1.35E-02	1.98E-03	7.12E-04	3.10E-02	1.25E-02
2053-08-01	27	8.70E+00	6.22E-03	5.77E+01	9.47E-02	1.01E-02	2.43E-01	1.26E+01	2.00E-02	1.40E-03	4.29E-04	1.10E-03	1.50E-01	1.91E-01	2.55E-02	3.07E-06	1.11E-02	1.36E-02	1.99E-03	7.16E-04	3.12E-02	1.26E-02
2053-09-01	27	8.76E+00	6.26E-03	5.81E+01	9.52E-02	1.02E-02	2.44E-01	1.26E+01	2.01E-02	1.41E-03	4.32E-04	1.11E-03	1.51E-01	1.93E-01	2.56E-02	3.08E-06	1.12E-02	1.36E-02	2.01E-03	7.20E-04	3.14E-02	1.26E-02
2053-10-01	27	8.74E+00	6.25E-03	5.80E+01	9.51E-02	1.02E-02	2.44E-01	1.26E+01	2.01E-02	1.41E-03	4.31E-04	1.11E-03	1.50E-01	1.92E-01	2.55E-02	3.08E-06	1.12E-02	1.36E-02	2.00E-03	7.19E-04	3.14E-02	1.26E-02
2053-11-01	27	8.73E+00	6.24E-03	5.79E+01	9.50E-02	1.02E-02	2.43E-01	1.26E+01	2.01E-02	1.40E-03	4.31E-04	1.10E-03	1.50E-01	1.92E-01	2.55E-02	3.08E-06	1.11E-02	1.36E-02	2.00E-03	7.18E-04	3.13E-02	1.26E-02
2053-12-01	27	8.81E+00	6.30E-03	5.84E+01	9.57E-02	1.03E-02	2.45E-01	1.27E+01	2.01E-02	1.42E-03	4.35E-04	1.11E-03	1.52E-01	1.94E-01	2.56E-02	3.10E-06	1.12E-02	1.37E-02	2.02E-03	7.24E-04	3.16E-02	1.27E-02
2054-01-01	28	8.82E+00	6.30E-03	5.85E+01	9.58E-02	1.03E-02	2.45E-01	1.27E+01	2.01E-02	1.42E-03	4.35E-04	1.11E-03	1.52E-01	1.94E-01	2.56E-02	3.10E-06	1.13E-02	1.37E-02	2.02E-03	7.24E-04	3.16E-02	1.27E-02
2054-02-01	28	8.82E+00	6.31E-03	5.85E+01	9.58E-02	1.03E-02	2.45E-01	1.27E+01	2.01E-02	1.42E-03	4.35E-04	1.12E-03	1.52E-01	1.94E-01	2.56E-02	3.10E-06	1.13E-02	1.37E-02	2.02E-03	7.24E-04	3.16E-02	1.27E-02
2054-03-01	28	8.83E+00	6.31E-03	5.85E+01	9.58E-02	1.03E-02	2.45E-01	1.27E+01	2.01E-02	1.42E-03	4.35E-04	1.12E-03	1.52E-01	1.94E-01	2.56E-02	3.10E-06	1.13E-02	1.37E-02	2.02E-03	7.24E-04	3.17E-02	1.27E-02
2054-04-01	28	8.83E+00	6.31E-03	5.86E+01	9.59E-02	1.03E-02	2.45E-01	1.27E+01	2.02E-02	1.42E-03	4.35E-04	1.12E-03	1.52E-01	1.94E-01	2.56E-02	3.10E-06	1.13E-02	1.38E-02	2.02E-03	7.25E-04	3.17E-02	1.27E-02
2054-05-01	28	8.71E+00	6.23E-03	5.82E+01	9.51E-02	1.02E-02	2.42E-01	1.26E+01	2.01E-02	1.41E-03	4.28E-04	1.11E-03	1.49E-01	1.93E-01	2.56E-02	3.06E-06	1.12E-02	1.36E-02	2.00E-03	7.17E-04	3.15E-02	1.25E-02
2054-06-01	28	8.61E+00	6.16E-03	5.76E+01	9.42E-02	1.01E-02	2.40E-01	1.24E+01	2.01E-02	1.40E-03	4.22E-04	1.10E-03	1.47E-01	1.91E-01	2.55E-02	3.03E-06	1.11E-02	1.35E-02	1.98E-03	7.10E-04	3.12E-02	1.24E-02
2054-07-01	28	8.70E+00	6.22E-03	5.81E+01	9.51E-02	1.02E-02	2.42E-01	1.25E+01	2.02E-02	1.41E-03	4.27E-04	1.11E-03	1.48E-01	1.92E-01	2.56E-02</							

Pond_ 2 15ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2058-04-01	32	1.80E+00	4.51E-03	4.53E+01	2.70E-02	2.42E-03	3.42E-01	2.58E+00	2.08E-02	6.14E-04	3.98E-04	5.95E-04	2.48E-01	5.28E-02	2.33E-02	2.95E-06	4.68E-03	1.99E-03	1.23E-03	7.51E-04	1.37E-02	2.41E-02
2058-05-01	32	1.79E+00	4.47E-03	4.42E+01	2.67E-02	2.33E-03	3.41E-01	2.58E+00	2.05E-02	5.93E-04	3.97E-04	5.73E-04	2.47E-01	5.08E-02	2.33E-02	2.94E-06	4.50E-03	1.97E-03	1.20E-03	7.44E-04	1.33E-02	2.40E-02
2058-06-01	32	1.79E+00	4.43E-03	4.33E+01	2.64E-02	2.26E-03	3.40E-01	2.58E+00	2.02E-02	5.76E-04	3.96E-04	5.55E-04	2.46E-01	4.93E-02	2.33E-02	2.94E-06	4.36E-03	1.95E-03	1.18E-03	7.38E-04	1.29E-02	2.39E-02
2058-07-01	32	1.80E+00	4.45E-03	4.33E+01	2.64E-02	2.25E-03	3.42E-01	2.59E+00	2.02E-02	5.74E-04	3.99E-04	5.53E-04	2.47E-01	4.91E-02	2.32E-02	2.95E-06	4.34E-03	1.95E-03	1.18E-03	7.41E-04	1.28E-02	2.40E-02
2058-08-01	32	1.82E+00	4.48E-03	4.35E+01	2.65E-02	2.26E-03	3.43E-01	2.61E+00	2.02E-02	5.76E-04	4.01E-04	5.55E-04	2.49E-01	4.93E-02	2.33E-02	2.97E-06	4.36E-03	1.95E-03	1.18E-03	7.45E-04	1.29E-02	2.42E-02
2058-09-01	32	1.83E+00	4.51E-03	4.38E+01	2.66E-02	2.27E-03	3.45E-01	2.63E+00	2.03E-02	5.79E-04	4.04E-04	5.58E-04	2.51E-01	4.95E-02	2.33E-02	2.99E-06	4.38E-03	1.96E-03	1.19E-03	7.49E-04	1.29E-02	2.43E-02
2058-10-01	32	1.82E+00	4.48E-03	4.35E+01	2.65E-02	2.26E-03	3.43E-01	2.62E+00	2.02E-02	5.75E-04	4.02E-04	5.54E-04	2.49E-01	4.92E-02	2.33E-02	2.97E-06	4.35E-03	1.95E-03	1.18E-03	7.45E-04	1.29E-02	2.42E-02
2058-11-01	32	1.81E+00	4.45E-03	4.31E+01	2.64E-02	2.24E-03	3.42E-01	2.60E+00	2.02E-02	5.70E-04	3.99E-04	5.49E-04	2.47E-01	4.88E-02	2.32E-02	2.96E-06	4.31E-03	1.95E-03	1.17E-03	7.40E-04	1.28E-02	2.40E-02
2058-12-01	32	1.80E+00	4.42E-03	4.29E+01	2.63E-02	2.23E-03	3.40E-01	2.59E+00	2.01E-02	5.67E-04	3.97E-04	5.47E-04	2.46E-01	4.85E-02	2.32E-02	2.95E-06	4.29E-03	1.94E-03	1.17E-03	7.36E-04	1.27E-02	2.39E-02
2059-01-01	33	1.80E+00	4.42E-03	4.29E+01	2.63E-02	2.22E-03	3.40E-01	2.59E+00	2.01E-02	5.67E-04	3.97E-04	5.46E-04	2.46E-01	4.85E-02	2.32E-02	2.94E-06	4.29E-03	1.94E-03	1.16E-03	7.36E-04	1.27E-02	2.39E-02
2059-02-01	33	1.80E+00	4.42E-03	4.29E+01	2.63E-02	2.22E-03	3.40E-01	2.59E+00	2.01E-02	5.66E-04	3.97E-04	5.46E-04	2.46E-01	4.85E-02	2.32E-02	2.95E-06	4.28E-03	1.94E-03	1.16E-03	7.36E-04	1.27E-02	2.39E-02
2059-03-01	33	1.80E+00	4.42E-03	4.28E+01	2.63E-02	2.22E-03	3.40E-01	2.59E+00	2.01E-02	5.66E-04	3.97E-04	5.45E-04	2.46E-01	4.84E-02	2.32E-02	2.95E-06	4.28E-03	1.94E-03	1.16E-03	7.36E-04	1.27E-02	2.39E-02
2059-04-01	33	1.81E+00	4.43E-03	4.27E+01	2.63E-02	2.20E-03	3.41E-01	2.60E+00	2.00E-02	5.62E-04	3.98E-04	5.41E-04	2.46E-01	4.81E-02	2.32E-02	2.95E-06	4.24E-03	1.94E-03	1.16E-03	7.37E-04	1.26E-02	2.40E-02
2059-05-01	33	1.80E+00	4.39E-03	4.16E+01	2.60E-02	2.11E-03	3.40E-01	2.60E+00	1.97E-02	5.41E-04	3.97E-04	5.19E-04	2.45E-01	4.61E-02	2.32E-02	2.95E-06	4.06E-03	1.92E-03	1.13E-03	7.30E-04	1.21E-02	2.39E-02
2059-06-01	33	1.80E+00	4.36E-03	4.07E+01	2.58E-02	2.04E-03	3.39E-01	2.60E+00	1.95E-02	5.24E-04	3.96E-04	5.02E-04	2.45E-01	4.46E-02	2.32E-02	2.94E-06	3.92E-03	1.90E-03	1.11E-03	7.24E-04	1.17E-02	2.38E-02
2059-07-01	33	1.81E+00	4.37E-03	4.07E+01	2.57E-02	2.03E-03	3.40E-01	2.61E+00	1.95E-02	5.22E-04	3.99E-04	4.99E-04	2.46E-01	4.44E-02	2.32E-02	2.96E-06	3.91E-03	1.90E-03	1.11E-03	7.27E-04	1.17E-02	2.39E-02
2059-08-01	33	1.83E+00	4.40E-03	4.09E+01	2.58E-02	2.04E-03	3.42E-01	2.63E+00	1.95E-02	5.23E-04	4.02E-04	5.01E-04	2.48E-01	4.45E-02	2.32E-02	2.97E-06	3.92E-03	1.91E-03	1.11E-03	7.31E-04	1.17E-02	2.41E-02
2059-09-01	33	1.84E+00	4.43E-03	4.11E+01	2.59E-02	2.05E-03	3.44E-01	2.65E+00	1.95E-02	5.26E-04	4.04E-04	5.03E-04	2.49E-01	4.48E-02	2.32E-02	2.99E-06	3.94E-03	1.91E-03	1.12E-03	7.35E-04	1.18E-02	2.42E-02
2059-10-01	33	1.83E+00	4.40E-03	4.08E+01	2.58E-02	2.03E-03	3.42E-01	2.64E+00	1.95E-02	5.22E-04	4.02E-04	5.00E-04	2.48E-01	4.44E-02	2.32E-02	2.97E-06	3.91E-03	1.91E-03	1.11E-03	7.30E-04	1.17E-02	2.41E-02
2059-11-01	33	1.82E+00	4.37E-03	4.05E+01	2.57E-02	2.02E-03	3.40E-01	2.62E+00	1.94E-02	5.18E-04	3.99E-04	4.96E-04	2.46E-01	4.41E-02	2.32E-02	2.96E-06	3.87E-03	1.90E-03	1.10E-03	7.25E-04	1.16E-02	2.39E-02
2059-12-01	33	1.81E+00	4.35E-03	4.03E+01	2.56E-02	2.01E-03	3.39E-01	2.61E+00	1.94E-02	5.15E-04	3.97E-04	4.93E-04	2.44E-01	4.39E-02	2.32E-02	2.95E-06	3.85E-03	1.90E-03	1.10E-03	7.22E-04	1.15E-02	2.38E-02
2060-01-01	34	1.81E+00	4.34E-03	4.03E+01	2.56E-02	2.01E-03	3.39E-01	2.61E+00	1.94E-02	5.15E-04	3.97E-04	4.93E-04	2.44E-01	4.38E-02	2.32E-02	2.95E-06	3.85E-03	1.90E-03	1.10E-03	7.22E-04	1.15E-02	2.38E-02
2060-02-01	34	1.81E+00	4.34E-03	4.03E+01	2.56E-02	2.00E-03	3.39E-01	2.61E+00	1.94E-02	5.15E-04	3.97E-04	4.92E-04	2.44E-01	4.38E-02	2.32E-02	2.95E-06	3.85E-03	1.90E-03	1.10E-03	7.22E-04	1.15E-02	2.38E-02
2060-03-01	34	1.81E+00	4.35E-03	4.03E+01	2.56E-02	2.00E-03	3.39E-01	2.61E+00	1.93E-02	5.14E-04	3.98E-04	4.92E-04	2.45E-01	4.37E-02	2.32E-02	2.95E-06	3.84E-03	1.90E-03	1.10E-03	7.22E-04	1.15E-02	2.38E-02
2060-04-01	34	1.82E+00	4.35E-03	4.01E+01	2.56E-02	1.98E-03	3.40E-01	2.62E+00	1.93E-02	5.10E-04	3.99E-04	4.87E-04	2.45E-01	4.34E-02	2.32E-02</							

Pond_ 2 15ppmTSS

Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2064-01-01	38	1.84E+00	4.04E-03	3.02E+01	2.29E-02	1.16E-03	3.34E-01	2.69E+00	1.64E-02	3.13E-04	3.98E-04	2.84E-04	2.39E-01	2.56E-02	2.30E-02	2.95E-06	2.16E-03	1.72E-03	8.39E-04	6.67E-04	7.04E-03	2.34E-02
2064-02-01	38	1.85E+00	4.04E-03	3.02E+01	2.29E-02	1.16E-03	3.34E-01	2.69E+00	1.64E-02	3.13E-04	3.99E-04	2.84E-04	2.39E-01	2.56E-02	2.30E-02	2.95E-06	2.16E-03	1.72E-03	8.39E-04	6.67E-04	7.03E-03	2.34E-02
2064-03-01	38	1.85E+00	4.04E-03	3.01E+01	2.29E-02	1.15E-03	3.34E-01	2.69E+00	1.64E-02	3.12E-04	3.99E-04	2.83E-04	2.40E-01	2.55E-02	2.30E-02	2.95E-06	2.15E-03	1.72E-03	8.38E-04	6.67E-04	7.01E-03	2.34E-02
2064-04-01	38	1.85E+00	4.04E-03	3.00E+01	2.29E-02	1.13E-03	3.35E-01	2.70E+00	1.63E-02	3.07E-04	4.00E-04	2.78E-04	2.40E-01	2.51E-02	2.30E-02	2.96E-06	2.11E-03	1.71E-03	8.34E-04	6.67E-04	6.91E-03	2.34E-02
2064-05-01	38	1.85E+00	4.00E-03	2.89E+01	2.26E-02	1.05E-03	3.34E-01	2.69E+00	1.61E-02	2.87E-04	3.99E-04	2.58E-04	2.39E-01	2.33E-02	2.30E-02	2.95E-06	1.95E-03	1.69E-03	8.07E-04	6.61E-04	6.47E-03	2.33E-02
2064-06-01	38	1.84E+00	3.97E-03	2.81E+01	2.24E-02	9.83E-04	3.33E-01	2.69E+00	1.58E-02	2.72E-04	3.98E-04	2.42E-04	2.38E-01	2.19E-02	2.30E-02	2.95E-06	1.82E-03	1.68E-03	7.86E-04	6.56E-04	6.13E-03	2.33E-02
2064-07-01	38	1.86E+00	3.99E-03	2.80E+01	2.24E-02	9.68E-04	3.34E-01	2.71E+00	1.58E-02	2.69E-04	4.00E-04	2.38E-04	2.40E-01	2.16E-02	2.30E-02	2.96E-06	1.79E-03	1.68E-03	7.84E-04	6.58E-04	6.05E-03	2.34E-02
2064-08-01	38	1.87E+00	4.01E-03	2.81E+01	2.24E-02	9.67E-04	3.36E-01	2.73E+00	1.58E-02	2.68E-04	4.03E-04	2.38E-04	2.41E-01	2.16E-02	2.30E-02	2.98E-06	1.78E-03	1.68E-03	7.87E-04	6.61E-04	6.05E-03	2.36E-02
2064-09-01	38	1.88E+00	4.04E-03	2.83E+01	2.24E-02	9.71E-04	3.38E-01	2.75E+00	1.58E-02	2.69E-04	4.06E-04	2.39E-04	2.43E-01	2.17E-02	2.30E-02	2.99E-06	1.79E-03	1.68E-03	7.92E-04	6.65E-04	6.07E-03	2.37E-02
2064-10-01	38	1.87E+00	4.01E-03	2.81E+01	2.24E-02	9.63E-04	3.36E-01	2.73E+00	1.58E-02	2.67E-04	4.04E-04	2.37E-04	2.41E-01	2.15E-02	2.30E-02	2.98E-06	1.78E-03	1.68E-03	7.86E-04	6.61E-04	6.02E-03	2.36E-02
2064-11-01	38	1.86E+00	3.98E-03	2.79E+01	2.23E-02	9.55E-04	3.34E-01	2.72E+00	1.57E-02	2.65E-04	4.01E-04	2.35E-04	2.39E-01	2.13E-02	2.30E-02	2.96E-06	1.76E-03	1.67E-03	7.80E-04	6.56E-04	5.98E-03	2.34E-02
2064-12-01	38	1.85E+00	3.96E-03	2.77E+01	2.23E-02	9.50E-04	3.33E-01	2.70E+00	1.57E-02	2.64E-04	3.99E-04	2.34E-04	2.38E-01	2.12E-02	2.30E-02	2.95E-06	1.75E-03	1.67E-03	7.76E-04	6.54E-04	5.95E-03	2.33E-02
2065-01-01	39	1.85E+00	3.96E-03	2.77E+01	2.23E-02	9.49E-04	3.33E-01	2.70E+00	1.57E-02	2.64E-04	3.99E-04	2.34E-04	2.38E-01	2.12E-02	2.30E-02	2.95E-06	1.75E-03	1.67E-03	7.75E-04	6.53E-04	5.95E-03	2.33E-02
2065-02-01	39	1.86E+00	3.97E-03	2.77E+01	2.23E-02	9.48E-04	3.33E-01	2.71E+00	1.57E-02	2.64E-04	3.99E-04	2.33E-04	2.39E-01	2.12E-02	2.30E-02	2.95E-06	1.75E-03	1.67E-03	7.76E-04	6.54E-04	5.94E-03	2.32E-02
2065-03-01	39	1.86E+00	3.98E-03	2.77E+01	2.23E-02	9.47E-04	3.34E-01	2.72E+00	1.57E-02	2.64E-04	3.99E-04	2.33E-04	2.40E-01	2.12E-02	2.30E-02	2.95E-06	1.74E-03	1.67E-03	7.78E-04	6.56E-04	5.94E-03	2.32E-02
2065-04-01	39	1.89E+00	4.04E-03	2.74E+01	2.23E-02	9.41E-04	3.38E-01	2.76E+00	1.57E-02	2.62E-04	3.99E-04	2.32E-04	2.43E-01	2.10E-02	2.30E-02	2.95E-06	1.73E-03	1.68E-03	7.84E-04	6.64E-04	5.91E-03	2.30E-02
2065-05-01	39	1.98E+00	4.21E-03	2.62E+01	2.24E-02	9.05E-04	3.50E-01	2.89E+00	1.55E-02	2.55E-04	3.94E-04	2.22E-04	2.55E-01	2.02E-02	2.30E-02	2.94E-06	1.65E-03	1.68E-03	7.98E-04	6.88E-04	5.73E-03	2.17E-02
2065-06-01	39	2.06E+00	4.35E-03	2.52E+01	2.25E-02	8.74E-04	3.60E-01	3.01E+00	1.54E-02	2.48E-04	3.91E-04	2.15E-04	2.66E-01	1.95E-02	2.30E-02	2.92E-06	1.58E-03	1.68E-03	8.10E-04	7.08E-04	5.58E-03	2.07E-02
2065-07-01	39	2.10E+00	4.44E-03	2.50E+01	2.26E-02	8.69E-04	3.66E-01	3.08E+00	1.54E-02	2.47E-04	3.92E-04	2.13E-04	2.71E-01	1.94E-02	2.30E-02	2.93E-06	1.57E-03	1.69E-03	8.20E-04	7.20E-04	5.55E-03	2.04E-02
2065-08-01	39	2.13E+00	4.49E-03	2.50E+01	2.27E-02	8.71E-04	3.70E-01	3.12E+00	1.54E-02	2.48E-04	3.95E-04	2.14E-04	2.75E-01	1.95E-02	2.30E-02	2.95E-06	1.57E-03	1.69E-03	8.28E-04	7.28E-04	5.57E-03	2.04E-02
2065-09-01	39	2.15E+00	4.53E-03	2.51E+01	2.27E-02	8.76E-04	3.72E-01	3.15E+00	1.54E-02	2.50E-04	3.97E-04	2.15E-04	2.77E-01	1.96E-02	2.30E-02	2.97E-06	1.58E-03	1.69E-03	8.35E-04	7.33E-04	5.60E-03	2.05E-02
2065-10-01	39	2.14E+00	4.51E-03	2.49E+01	2.27E-02	8.69E-04	3.71E-01	3.14E+00	1.54E-02	2.48E-04	3.95E-04	2.13E-04	2.76E-01	1.94E-02	2.30E-02	2.95E-06	1.57E-03	1.69E-03	8.30E-04	7.30E-04	5.56E-03	2.03E-02
2065-11-01	39	2.13E+00	4.48E-03	2.47E+01	2.26E-02	8.62E-04	3.69E-01	3.12E+00	1.54E-02	2.46E-04	3.92E-04	2.11E-04	2.74E-01	1.93E-02	2.30E-02	2.93E-06	1.56E-03	1.69E-03	8.24E-04	7.26E-04	5.52E-03	2.02E-02
2065-12-01	39	2.12E+00	4.46E-03	2.46E+01	2.26E-02	8.57E-04	3.68E-01	3.11E+00	1.54E-02	2.45E-04	3.90E-04	2.10E-04	2.73E-01	1.92E-02	2.30E-02	2.92E-06	1.55E-03	1.69E-03	8.20E-04	7.23E-04	5.49E-03	2.01E-02
2066-01-01	40	2.12E+00	4.46E-03	2.46E+01	2.26E-02	8.57E-04	3.68E-01	3.11E+00	1.53E-02	2.45E-04	3.90E-04	2.10E-04	2.73E-01	1.92E-02	2.30E-02	2.92E-06	1.55E-03	1.69E-03	8.19E-04	7.22E-04	5.49E-03	2.00E-02
2066-02-01	40	2.13E+00	4.47E-03	2.45E+01	2.26E-02	8.56E-04	3.68E-01	3.11E+00	1.53E-02	2.45E-04	3.90E-04	2.10E-04	2.73E-01	1.91E-02	2.30E-02	2.92E-06	1.54E-03	1.69E-03	8.21E-04	7.24E-04	5.49E-03	2.00E-02
2066-03-01	40	2.14E+00	4.48E-03	2.45E+01	2.26E-02	8.55E-04	3.69E-01	3.13E+00	1.53E-02	2.44E-04	3.90E-04	2.10E-04	2.75E-01	1.91E-02	2.30E-02	2.92E-06	1.54E-03	1.69E-03	8.23E-04	7.26E-04	5.48E-03	1.99E-02
2066-04-01	40	2.17E+00	4.56E-03	2.42E+01	2.27E-02	8.50E-04	3.75E-01	3.18E+00	1.53E-02	2.44E-04	3.90E-04	2.08E-04	2.80E-01	1.90E-02	2.30E-02	2.93E-06	1.53E-03	1.69E-03	8.32E-04	7.37E-04	5.46E-03	1.96E-02
2066-05-01	40	2.31E+00	4.82E-03	2.26E+01	2.29E-02	8.15E-04	3.93E-01	3.39E+00	1.52E-02	2.37E-04	3.83E-04	1.99E-04	2.98E-01	1.82E-02	2.30E-02	2.90E-06	1.45E-03	1.70E-03	8.59E-04	7.74E-04	5.29E-03	1.77E-02
2066-06-01	40	2.44E+00	5.08E-03	2.11E+01	2.31E-02	7.83E-04	4.10E-01	3.58E+00	1.50E-02	2.31E-04	3.78E-04	1.91E-04	3.15E-01	1.75E-02	2.30E-02	2.88E-06	1.38E-03	1.71E-03	8.86E-04	8.10E-04	5.14E-03	1.60E-02
2066-07-01	40	2.51E+00	5.22E-03	2.07E+01	2.33E-02	7.75E-04	4.20E-01	3.69E+00	1.50E-02	2.30E-04	3.78E-04	1.89E-04	3.25E-01	1.73E-02	2.30E-02	2.89E-06	1.36E-03	1.72E-03	9.03E-04	8.30E-04	5.11E-03	1.54E-02
2066-08-01	40	2.56E+00	5.31E-03	2.05E+01	2.34E-02	7.76E-04	4.26E-01	3.77E+00	1.50E-02	2.30E-04	3.80E-04	1.89E-04	3.31E-01	1.73E-02	2.30E-02	2.90E-06	1.35E-03	1.72E-03	9.16E-04	8.43E-04	5.11E-03	1.52E-02
2066-09-01	40	2.60E+00	5.38E-03	2.06E+01	2.35E-02	7.80E-04	4.30E-01	3.81E+00	1.50E-02	2.31E-04	3.83E-04	1.90E-04	3.35E-01	1.74E-02	2.30E-02	2.92E-06	1.36E-03	1.73E-03	9.26E-04	8.52E-04	5.14E-03	1.52E-02
2066-10-01	40	2.59E+00	5.36E-03	2.04E+01	2.35E-02	7.73E-04	4.29E-01	3.81E+00	1.50E-02	2.30E-04	3.81E-04	1.88E-04	3.35E-01	1.73E-02	2.30E-02	2.91E-06	1.35E-03	1.73E-03	9.22E-04	8.50E-04	5.10E-03	1.50E-02
2066-11-01	40	2.58E+00	5.33E-03	2.02E+01	2.34E-02	7.66E-04	4.27E-01	3.79E+00	1.50E-02	2.28E-04	3.78E-04	1.86E-04	3.33E-01	1.71E-02	2.30E-02	2.89E-06	1.33E-03	1.72E-03	9.16E-04	8.45E-04	5.06E-03	1.48E-02
2066-12-01	40	2.57E+00	5.31E-03	2.00E+01	2.34E-02	7.62E-04	4.26E-01	3.77E+00	1.49E-02	2.27E-04	3.76E-04	1.85E-04	3.31E-01	1.70E-02	2.30E-02	2.88E-06	1.32E-03	1.72E-03	9.12E-04	8.42E-04	5.04E-03	1.47E-02
2067-01-01	41	2.57E+00	5.30E-03	2.00E+01	2.34E-02	7.61E-04	4.26E-01	3.77E+00	1.49E-02	2.27E-04	3.75E-04	1.85E-04	3.31E-01	1.70E-02	2.30E-02	2.88E-06	1.32E-03	1.72E-03	9.11E-04	8.41E-04	5.03E-03	1.47E-02
2067-02-01	41	2.57E+00	5.31E-03	2.00E+01	2.34E-02	7.59E-04	4.26E-01	3.78E+00	1.49E-02	2.26E-04	3.75E-04	1.85E-04	3.31E-01	1.70E-02	2.30E-02	2.88E-06	1.32E-03	1.72E-03	9.12E-04	8.42E-04	5.03E-03	1.47E-02
2067-03-01	41	2.58E+00	5.33E-03	1.99E+01	2.34E-02	7.57E-04	4.27E-01	3.79E+00	1.49E-02	2.26E-04	3.76E-04	1.84E-04	3.32E-01	1.69E-02	2.30E-02	2.88E-06	1.31E-03	1.72E-03	9.13E-04	8.44E-04	5.02E-03	1.46E-02
2067-04-01	41	2.61E+00	5.38E-03	1.96E+01	2.34E-02	7.44E-04	4.31E-01	3.84E+00	1.49E-02	2.23E-04	3.76E-04	1.81E-04	3.37E-01	1.67E-02	2.30E-02	2.88E-06	1.29E-03	1.72E-03	9.18E-04	8.52E-04	4.95E-03	1.43E-02
2067-0																						

Pond_2 30ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
Pond 2 Statistics (Year 4 to Year 42)																							
Minimum		0.162	0.083	0.00645	0.000144	0.00431	0.00157	0.00021	0.0000049	1.5479E-06	1.371282	1.50018E-05	0.0001297	0.00374	6.9845E-06	0.00056715	3.8573E-06	1.492	2.0394E-06	0.00218801	0.02607327	0.0021853	1.731969
P10		21.45	11	1.275	0.02645	1.545	0.123	0.0246	0.000967	0.00000638	1.39705	0.000015205	0.0010324	0.02598	0.000009825	0.000978	0.000010121	12.423	0.000011666	0.002305	0.026249	0.003485	1.7666
Median		63.45	31.9	4.415	0.06205	9.185	0.244	0.0268	0.002635	0.00000648	1.3975	0.000015223	0.0059004	0.03348	0.00001008	0.002128	0.000010346	31.123	0.000023291	0.002484	0.0262615	0.00554	1.77175
P90		149	74.1	7.12	0.155	22.45	0.329	0.0277	0.00484	0.00000657	1.3979	0.000015231	0.0146604	0.05168	0.00001019	0.004743	0.000011011	48.273	0.000048341	0.002787	0.026305	0.009445	1.78945
Maximum		161	80	7.69	0.168	24.5	0.468	0.0278	0.00618	0.00000667	1.3994	0.000015232	0.0159104	0.07363	0.0000102	0.005668	0.000012431	50.623	0.000051941	0.002837	0.026396	0.010065	1.8273
Monthly Results																							
2030-02-01	4	0.162	0.08	0.00645	0.000144	0.00431	0.00157	0.00021	4.90E-06	1.55E-06	1.37E+00	1.50E-05	1.30E-04	3.74E-03	6.98E-06	5.67E-04	3.86E-06	1.49E+00	2.04E-06	2.19E-03	2.61E-02	2.19E-03	1.73E+00
2030-03-01	4	0.426	0.22	0.0169	0.000381	0.0114	0.00414	0.000553	1.29E-05	1.63E-06	1.37E+00	1.50E-05	1.61E-04	4.89E-03	7.02E-06	5.82E-04	4.00E-06	1.77E+00	2.20E-06	2.19E-03	2.61E-02	2.20E-03	1.73E+00
2030-04-01	4	1.69	0.86	0.067	0.00153	0.0455	0.0166	0.0022	5.12E-05	2.00E-06	1.37E+00	1.50E-05	3.10E-04	1.04E-02	7.22E-06	6.53E-04	4.67E-06	3.09E+00	2.96E-06	2.20E-03	2.61E-02	2.28E-03	1.74E+00
2030-05-01	4	6.98	3.57	0.277	0.00641	0.19	0.0696	0.00911	0.000212	3.57E-06	1.38E+00	1.51E-05	9.39E-04	3.35E-02	8.02E-06	9.52E-04	7.49E-06	8.67E+00	6.17E-06	2.23E-03	2.62E-02	2.62E-03	1.77E+00
2030-06-01	4	12.1	6.19	0.481	0.0112	0.333	0.122	0.0158	0.000369	5.09E-06	1.39E+00	1.51E-05	1.55E-03	5.59E-02	8.81E-06	1.24E-03	1.02E-05	1.41E+01	9.27E-06	2.26E-03	2.63E-02	2.94E-03	1.80E+00
2030-07-01	4	14.3	7.32	0.568	0.0134	0.396	0.146	0.0188	0.000437	5.76E-06	1.40E+00	1.52E-05	1.81E-03	6.55E-02	9.15E-06	1.37E-03	1.14E-05	1.65E+01	1.06E-05	2.28E-03	2.64E-02	3.08E-03	1.82E+00
2030-08-01	4	15.4	7.88	0.612	0.0146	0.43	0.158	0.0203	0.000471	6.09E-06	1.40E+00	1.52E-05	1.94E-03	7.03E-02	9.32E-06	1.43E-03	1.20E-05	1.77E+01	1.13E-05	2.28E-03	2.64E-02	3.15E-03	1.82E+00
2030-09-01	4	15.9	8.16	0.633	0.0152	0.447	0.165	0.021	0.000488	6.25E-06	1.40E+00	1.52E-05	2.01E-03	7.26E-02	9.41E-06	1.46E-03	1.23E-05	1.83E+01	1.16E-05	2.29E-03	2.64E-02	3.19E-03	1.83E+00
2030-10-01	4	16.2	8.27	0.642	0.0155	0.457	0.168	0.0213	0.000496	6.33E-06	1.40E+00	1.52E-05	2.03E-03	7.35E-02	9.45E-06	1.48E-03	1.24E-05	1.86E+01	1.17E-05	2.29E-03	2.64E-02	3.20E-03	1.83E+00
2030-11-01	4	16.2	8.29	0.644	0.0157	0.461	0.17	0.0214	0.000498	6.35E-06	1.40E+00	1.52E-05	2.04E-03	7.36E-02	9.46E-06	1.48E-03	1.24E-05	1.87E+01	1.18E-05	2.29E-03	2.64E-02	3.20E-03	1.83E+00
2030-12-01	4	16.2	8.28	0.643	0.0158	0.463	0.171	0.0215	0.000498	6.35E-06	1.40E+00	1.52E-05	2.04E-03	7.36E-02	9.46E-06	1.48E-03	1.24E-05	1.87E+01	1.17E-05	2.29E-03	2.64E-02	3.20E-03	1.83E+00
2031-01-01	5	16.2	8.29	0.643	0.0158	0.464	0.172	0.0215	0.000499	6.35E-06	1.40E+00	1.52E-05	2.04E-03	7.36E-02	9.46E-06	1.48E-03	1.24E-05	1.87E+01	1.17E-05	2.29E-03	2.64E-02	3.20E-03	1.83E+00
2031-02-01	5	16.4	8.38	0.651	0.0157	0.472	0.17	0.0216	0.000504	6.35E-06	1.40E+00	1.52E-05	2.06E-03	7.30E-02	9.48E-06	1.48E-03	1.24E-05	1.89E+01	1.17E-05	2.29E-03	2.64E-02	3.21E-03	1.83E+00
2031-03-01	5	16.7	8.52	0.664	0.0156	0.486	0.167	0.0218	0.000513	6.36E-06	1.40E+00	1.52E-05	2.09E-03	7.22E-02	9.50E-06	1.50E-03	1.23E-05	1.91E+01	1.18E-05	2.29E-03	2.64E-02	3.22E-03	1.82E+00
2031-04-01	5	18	9.17	0.721	0.0151	0.547	0.155	0.0225	0.000552	6.39E-06	1.40E+00	1.52E-05	2.22E-03	6.84E-02	9.59E-06	1.55E-03	1.21E-05	2.02E+01	1.18E-05	2.29E-03	2.64E-02	3.26E-03	1.82E+00
2031-05-01	5	22	11.10	0.889	0.0133	0.731	0.117	0.0248	0.000665	6.44E-06	1.40E+00	1.52E-05	2.62E-03	5.58E-02	9.85E-06	1.69E-03	1.11E-05	2.33E+01	1.17E-05	2.30E-03	2.63E-02	3.39E-03	1.79E+00
2031-06-01	5	23.5	11.80	0.958	0.0124	0.81	0.0971	0.0255	0.000711	6.39E-06	1.40E+00	1.52E-05	2.78E-03	4.90E-02	9.94E-06	1.74E-03	1.06E-05	2.46E+01	1.15E-05	2.30E-03	2.63E-02	3.44E-03	1.78E+00
2031-07-01	5	24.2	12.10	0.984	0.0124	0.838	0.0947	0.026	0.00073	6.44E-06	1.40E+00	1.52E-05	2.85E-03	4.81E-02	9.99E-06	1.77E-03	1.06E-05	2.51E+01	1.16E-05	2.30E-03	2.63E-02	3.46E-03	1.78E+00
2031-08-01	5	24.6	12.30	1	0.0125	0.856	0.0949	0.0264	0.000743	6.50E-06	1.40E+00	1.52E-05	2.89E-03	4.81E-02	1.00E-05	1.79E-03	1.06E-05	2.55E+01	1.17E-05	2.30E-03	2.63E-02	3.48E-03	1.78E+00
2031-09-01	5	25.2	12.60	1.03	0.0128	0.881	0.0973	0.0271	0.000763	6.63E-06	1.40E+00	1.52E-05	2.97E-03	4.90E-02	1.01E-05	1.82E-03	1.07E-05	2.62E+01	1.19E-05	2.30E-03	2.63E-02	3.51E-03	1.78E+00
2031-10-01	5	24.9	12.50	1.01	0.0127	0.871	0.0964	0.0267	0.000753	6.55E-06	1.40E+00	1.52E-05	2.93E-03	4.81E-02	1.01E-05	1.80E-03	1.06E-05	2.59E+01	1.17E-05	2.30E-03	2.63E-02	3.49E-03	1.78E+00
2031-11-01	5	24.6	12.30	1	0.0126	0.865	0.0961	0.0264	0.000745	6.50E-06	1.40E+00	1.52E-05	2.90E-03	4.75E-02	1.00E-05	1.79E-03	1.06E-05	2.57E+01	1.16E-05	2.30E-03	2.63E-02	3.48E-03E	

Pond_2 30ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2035-04-01	9	42.3	21.10	1.87	0.0359	4.19	0.126	0.0266	0.00108	6.50E-06	1.40E+00	1.52E-05	4.47E-03	6.15E-02	1.01E-05	1.87E-03	1.05E-05	3.02E+01	1.68E-05	2.37E-03	2.63E-02	4.32E-03	1.78E+00
2035-05-01	9	46.7	23.30	2.09	0.0398	4.73	0.131	0.0265	0.00117	6.48E-06	1.40E+00	1.52E-05	4.87E-03	5.64E-02	1.01E-05	1.94E-03	1.05E-05	3.13E+01	1.81E-05	2.39E-03	2.63E-02	4.53E-03	1.78E+00
2035-06-01	9	48.1	24.00	2.16	0.0411	4.91	0.131	0.026	0.00119	6.40E-06	1.40E+00	1.52E-05	4.99E-03	5.33E-02	1.00E-05	1.96E-03	1.04E-05	3.14E+01	1.85E-05	2.39E-03	2.63E-02	4.60E-03	1.77E+00
2035-07-01	9	49	24.40	2.2	0.0419	5.01	0.133	0.0263	0.00121	6.45E-06	1.40E+00	1.52E-05	5.08E-03	5.33E-02	1.00E-05	1.98E-03	1.04E-05	3.18E+01	1.88E-05	2.40E-03	2.63E-02	4.64E-03	1.78E+00
2035-08-01	9	49.6	24.80	2.23	0.0425	5.09	0.135	0.0265	0.00122	6.50E-06	1.40E+00	1.52E-05	5.15E-03	5.36E-02	1.01E-05	1.99E-03	1.05E-05	3.21E+01	1.90E-05	2.40E-03	2.63E-02	4.67E-03	1.78E+00
2035-09-01	9	51	25.50	2.29	0.0437	5.23	0.139	0.0273	0.00126	6.63E-06	1.40E+00	1.52E-05	5.29E-03	5.49E-02	1.01E-05	2.03E-03	1.07E-05	3.30E+01	1.95E-05	2.40E-03	2.63E-02	4.74E-03	1.78E+00
2035-10-01	9	50.3	25.10	2.26	0.0431	5.16	0.137	0.0268	0.00124	6.56E-06	1.40E+00	1.52E-05	5.22E-03	5.41E-02	1.01E-05	2.01E-03	1.06E-05	3.25E+01	1.93E-05	2.40E-03	2.63E-02	4.71E-03	1.78E+00
2035-11-01	9	49.8	24.90	2.24	0.0427	5.11	0.136	0.0266	0.00123	6.50E-06	1.40E+00	1.52E-05	5.16E-03	5.35E-02	1.01E-05	2.00E-03	1.05E-05	3.22E+01	1.91E-05	2.40E-03	2.63E-02	4.68E-03	1.78E+00
2035-12-01	9	49.6	24.70	2.23	0.0425	5.08	0.135	0.0264	0.00122	6.48E-06	1.40E+00	1.52E-05	5.14E-03	5.33E-02	1.01E-05	1.99E-03	1.05E-05	3.21E+01	1.90E-05	2.40E-03	2.63E-02	4.67E-03	1.78E+00
2036-01-01	10	49.5	24.70	2.23	0.0425	5.08	0.135	0.0264	0.00122	6.48E-06	1.40E+00	1.52E-05	5.14E-03	5.32E-02	1.00E-05	1.99E-03	1.05E-05	3.21E+01	1.90E-05	2.40E-03	2.63E-02	4.67E-03	1.78E+00
2036-02-01	10	49.7	24.80	2.23	0.0427	5.11	0.135	0.0264	0.00122	6.48E-06	1.40E+00	1.52E-05	5.15E-03	5.32E-02	1.01E-05	1.99E-03	1.05E-05	3.21E+01	1.90E-05	2.40E-03	2.63E-02	4.67E-03	1.78E+00
2036-03-01	10	49.9	24.90	2.24	0.0429	5.16	0.136	0.0265	0.00122	6.48E-06	1.40E+00	1.52E-05	5.17E-03	5.31E-02	1.01E-05	1.99E-03	1.05E-05	3.21E+01	1.91E-05	2.40E-03	2.63E-02	4.68E-03	1.78E+00
2036-04-01	10	50.8	25.40	2.28	0.0441	5.36	0.136	0.0266	0.00123	6.50E-06	1.40E+00	1.52E-05	5.26E-03	5.28E-02	1.01E-05	2.00E-03	1.05E-05	3.23E+01	1.93E-05	2.40E-03	2.63E-02	4.73E-03	1.77E+00
2036-05-01	10	53	26.40	2.36	0.0471	5.88	0.137	0.0266	0.00123	6.48E-06	1.40E+00	1.52E-05	5.48E-03	5.13E-02	1.01E-05	2.02E-03	1.04E-05	3.25E+01	1.99E-05	2.41E-03	2.63E-02	4.82E-03	1.77E+00
2036-06-01	10	53.1	26.50	2.36	0.0477	6.02	0.135	0.0262	0.00122	6.40E-06	1.40E+00	1.52E-05	5.49E-03	5.00E-02	1.00E-05	2.00E-03	1.03E-05	3.22E+01	1.99E-05	2.41E-03	2.63E-02	4.82E-03	1.77E+00
2036-07-01	10	53.8	26.80	2.39	0.0484	6.12	0.137	0.0265	0.00123	6.44E-06	1.40E+00	1.52E-05	5.56E-03	5.03E-02	1.01E-05	2.01E-03	1.03E-05	3.25E+01	2.01E-05	2.41E-03	2.63E-02	4.86E-03	1.77E+00
2036-08-01	10	54.3	27.10	2.42	0.049	6.19	0.138	0.0267	0.00124	6.49E-06	1.40E+00	1.52E-05	5.62E-03	5.07E-02	1.01E-05	2.03E-03	1.04E-05	3.28E+01	2.03E-05	2.41E-03	2.63E-02	4.88E-03	1.77E+00
2036-09-01	10	55.2	27.50	2.45	0.0498	6.29	0.141	0.0271	0.00126	6.57E-06	1.40E+00	1.52E-05	5.70E-03	5.14E-02	1.01E-05	2.05E-03	1.05E-05	3.33E+01	2.06E-05	2.42E-03	2.63E-02	4.93E-03	1.77E+00
2036-10-01	10	55.3	27.60	2.46	0.0499	6.31	0.141	0.0272	0.00126	6.58E-06	1.40E+00	1.52E-05	5.72E-03	5.15E-02	1.01E-05	2.05E-03	1.05E-05	3.34E+01	2.06E-05	2.42E-03	2.63E-02	4.93E-03	1.77E+00
2036-11-01	10	54.9	27.40	2.44	0.0496	6.26	0.14	0.027	0.00125	6.54E-06	1.40E+00	1.52E-05	5.67E-03	5.11E-02	1.01E-05	2.04E-03	1.04E-05	3.31E+01	2.05E-05	2.42E-03	2.63E-02	4.91E-03	1.77E+00
2036-12-01	10	54.5	27.20	2.42	0.0492	6.22	0.139	0.0268	0.00124	6.50E-06	1.40E+00	1.52E-05	5.63E-03	5.07E-02	1.01E-05	2.03E-03	1.04E-05	3.29E+01	2.03E-05	2.42E-03	2.63E-02	4.89E-03	1.77E+00
2037-01-01	11	54.4	27.20	2.42	0.0492	6.21	0.139	0.0268	0.00124	6.50E-06	1.40E+00	1.52E-05	5.63E-03	5.07E-02	1.01E-05	2.03E-03	1.04E-05	3.28E+01	2.03E-05	2.42E-03	2.63E-02	4.89E-03	1.77E+00
2037-02-01	11	54.6	27.20	2.43	0.0493	6.23	0.139	0.0268	0.00124	6.50E-06	1.40E+00	1.52E-05	5.64E-03	5.06E-02	1.01E-05	2.03E-03	1.04E-05	3.28E+01	2.04E-05	2.42E-03	2.63E-02	4.90E-03	1.77E+00
2037-03-01	11	54.8	27.30	2.44	0.0495	6.27	0.14	0.0268	0.00125	6.50E-06	1.40E+00	1.52E-05	5.66E-03	5.06E-02	1.01E-05	2.04E-03	1.04E-05	3.28E+01	2.04E-05	2.42E-03	2.63E-02	4.91E-03	1.77E+00
2037-04-01	11	55.6	27.80	2.49	0.0505	6.42	0.14	0.0269	0.00126	6.51E-06	1.40E+00	1.52E-05	5.74E-03	5.04E-02	1.01E-05	2.07E-03	1.04E-05	3.27E+01	2.07E-05	2.42E-03	2.63E-02	4.95E-03	1.77E+00
2037-05-01	11	57.5	28.70	2.6	0.0527	6.79	0.141	0.0268	0.00129	6.49E-06	1.40E+00	1.52E-05	5.91E-03	4.94E-02	1.01E-05	2.12E-03	1.03E-05	3.20E+01	2.12E-05	2.43E-03	2.63E-02	5.04E-03	

Pond_2 30ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2041-01-01	15	74.8	37.30	3.61	0.0737	10.4	0.165	0.0277	0.0017	6.59E-06	1.40E+00	1.52E-05	7.33E-03	4.63E-02	1.02E-05	2.49E-03	1.03E-05	3.20E+01	2.62E-05	2.50E-03	2.63E-02	5.89E-03	1.77E+00
2041-02-01	15	74.9	37.40	3.62	0.0739	10.4	0.166	0.0277	0.0017	6.59E-06	1.40E+00	1.52E-05	7.34E-03	4.62E-02	1.02E-05	2.50E-03	1.03E-05	3.21E+01	2.62E-05	2.50E-03	2.63E-02	5.89E-03	1.77E+00
2041-03-01	15	75.2	37.50	3.63	0.0742	10.5	0.166	0.0277	0.0017	6.59E-06	1.40E+00	1.52E-05	7.37E-03	4.61E-02	1.02E-05	2.51E-03	1.03E-05	3.21E+01	2.63E-05	2.50E-03	2.63E-02	5.91E-03	1.77E+00
2041-04-01	15	76.4	38.10	3.69	0.0755	10.7	0.167	0.0276	0.00173	6.58E-06	1.40E+00	1.52E-05	7.49E-03	4.54E-02	1.02E-05	2.56E-03	1.03E-05	3.24E+01	2.67E-05	2.50E-03	2.63E-02	5.97E-03	1.77E+00
2041-05-01	15	78.8	39.30	3.81	0.078	11	0.169	0.0272	0.00177	6.51E-06	1.40E+00	1.52E-05	7.73E-03	4.31E-02	1.01E-05	2.67E-03	1.02E-05	3.28E+01	2.74E-05	2.51E-03	2.63E-02	6.08E-03	1.77E+00
2041-06-01	15	78.6	39.20	3.79	0.0778	11	0.168	0.0267	0.00176	6.41E-06	1.40E+00	1.52E-05	7.71E-03	4.18E-02	1.01E-05	2.68E-03	1.00E-05	3.25E+01	2.73E-05	2.51E-03	2.62E-02	6.07E-03	1.77E+00
2041-07-01	15	79.4	39.60	3.83	0.0786	11.1	0.169	0.0269	0.00177	6.45E-06	1.40E+00	1.52E-05	7.79E-03	4.20E-02	1.01E-05	2.70E-03	1.01E-05	3.28E+01	2.75E-05	2.52E-03	2.62E-02	6.11E-03	1.77E+00
2041-08-01	15	80.1	40.00	3.87	0.0794	11.3	0.171	0.0272	0.00179	6.49E-06	1.40E+00	1.52E-05	7.86E-03	4.23E-02	1.01E-05	2.72E-03	1.01E-05	3.31E+01	2.78E-05	2.52E-03	2.63E-02	6.15E-03	1.77E+00
2041-09-01	15	80.8	40.30	3.9	0.08	11.3	0.172	0.0274	0.00181	6.53E-06	1.40E+00	1.52E-05	7.92E-03	4.26E-02	1.02E-05	2.74E-03	1.02E-05	3.34E+01	2.80E-05	2.52E-03	2.63E-02	6.18E-03	1.77E+00
2041-10-01	15	80.7	40.30	3.9	0.08	11.3	0.172	0.0274	0.0018	6.52E-06	1.40E+00	1.52E-05	7.92E-03	4.25E-02	1.02E-05	2.74E-03	1.02E-05	3.33E+01	2.80E-05	2.52E-03	2.63E-02	6.18E-03	1.77E+00
2041-11-01	15	80.7	40.20	3.89	0.08	11.3	0.172	0.0273	0.0018	6.52E-06	1.40E+00	1.52E-05	7.91E-03	4.25E-02	1.02E-05	2.74E-03	1.02E-05	3.33E+01	2.79E-05	2.52E-03	2.63E-02	6.18E-03	1.77E+00
2041-12-01	15	81.9	40.80	3.95	0.0812	11.5	0.175	0.0277	0.00183	6.60E-06	1.40E+00	1.52E-05	8.03E-03	4.30E-02	1.02E-05	2.77E-03	1.03E-05	3.38E+01	2.83E-05	2.53E-03	2.63E-02	6.24E-03	1.77E+00
2042-01-01	16	81.7	40.70	3.94	0.081	11.5	0.175	0.0277	0.00183	6.58E-06	1.40E+00	1.52E-05	8.01E-03	4.29E-02	1.02E-05	2.77E-03	1.03E-05	3.37E+01	2.83E-05	2.53E-03	2.63E-02	6.22E-03	1.77E+00
2042-02-01	16	81.9	40.80	3.96	0.0812	11.5	0.175	0.0277	0.00184	6.58E-06	1.40E+00	1.52E-05	8.02E-03	4.28E-02	1.02E-05	2.77E-03	1.03E-05	3.37E+01	2.83E-05	2.53E-03	2.63E-02	6.24E-03	1.77E+00
2042-03-01	16	82.3	41.00	3.98	0.0815	11.6	0.175	0.0277	0.00185	6.58E-06	1.40E+00	1.52E-05	8.05E-03	4.26E-02	1.02E-05	2.78E-03	1.03E-05	3.38E+01	2.84E-05	2.53E-03	2.63E-02	6.25E-03	1.77E+00
2042-04-01	16	83.8	41.80	4.09	0.083	11.8	0.177	0.0276	0.00192	6.57E-06	1.40E+00	1.52E-05	8.15E-03	4.18E-02	1.02E-05	2.81E-03	1.03E-05	3.39E+01	2.89E-05	2.53E-03	2.63E-02	6.33E-03	1.77E+00
2042-05-01	16	86.9	43.30	4.34	0.086	12.4	0.18	0.0273	0.00207	6.51E-06	1.40E+00	1.52E-05	8.34E-03	3.92E-02	1.01E-05	2.86E-03	1.02E-05	3.38E+01	2.98E-05	2.55E-03	2.63E-02	6.49E-03	1.77E+00
2042-06-01	16	86.7	43.20	4.36	0.0857	12.4	0.179	0.0267	0.00209	6.41E-06	1.40E+00	1.52E-05	8.28E-03	3.77E-02	1.01E-05	2.85E-03	1.00E-05	3.33E+01	2.97E-05	2.55E-03	2.62E-02	6.48E-03	1.77E+00
2042-07-01	16	87.6	43.70	4.41	0.0867	12.5	0.181	0.0269	0.00212	6.45E-06	1.40E+00	1.52E-05	8.37E-03	3.78E-02	1.01E-05	2.87E-03	1.01E-05	3.36E+01	3.00E-05	2.55E-03	2.62E-02	6.53E-03	1.77E+00
2042-08-01	16	88.5	44.10	4.46	0.0875	12.7	0.183	0.0272	0.00214	6.49E-06	1.40E+00	1.52E-05	8.44E-03	3.81E-02	1.01E-05	2.90E-03	1.01E-05	3.39E+01	3.03E-05	2.56E-03	2.63E-02	6.57E-03	1.77E+00
2042-09-01	16	89.2	44.50	4.49	0.0883	12.8	0.184	0.0274	0.00216	6.53E-06	1.40E+00	1.52E-05	8.51E-03	3.84E-02	1.02E-05	2.91E-03	1.02E-05	3.42E+01	3.05E-05	2.56E-03	2.63E-02	6.61E-03	1.77E+00
2042-10-01	16	89.1	44.50	4.49	0.0882	12.8	0.184	0.0274	0.00216	6.52E-06	1.40E+00	1.52E-05	8.51E-03	3.83E-02	1.02E-05	2.91E-03	1.02E-05	3.42E+01	3.05E-05	2.56E-03	2.63E-02	6.61E-03	1.77E+00
2042-11-01	16	89.1	44.40	4.49	0.0882	12.8	0.184	0.0274	0.00216	6.52E-06	1.40E+00	1.52E-05	8.50E-03	3.83E-02	1.02E-05	2.91E-03	1.02E-05	3.41E+01	3.05E-05	2.56E-03	2.63E-02	6.61E-03	1.77E+00
2042-12-01	16	90.3	45.00	4.55	0.0894	12.9	0.187	0.0277	0.00219	6.59E-06	1.40E+00	1.52E-05	8.61E-03	3.87E-02	1.02E-05	2.94E-03	1.03E-05	3.46E+01	3.08E-05	2.56E-03	2.63E-02	6.66E-03	1.77E+00
2043-01-01	17	90	44.90	4.54	0.0891	12.9	0.186	0.0276	0.00218	6.57E-06	1.40E+00	1.52E-05	8.59E-03	3.86E-02	1.02E-05	2.94E-03	1.03E-05	3.45E+01	3.08E-05	2.56E-03	2.63E-02	6.65E-03	1.77E+00
2043-02-01	17	90.2	45.00	4.55	0.0893	12.9	0.187	0.0276	0.00218	6.57E-06	1.40E+00	1.52E-05	8.60E-03	3.86E-02	1.02E-05	2.94E-03	1.03E-05	3.45E+01	3.08E-05	2.56E-03	2.63E-02	6.66E-03	1.77E+0

Pond_2 30ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2046-10-01	20	118	58.80	6.11	0.118	17.5	0.224	0.0274	0.00296	6.52E-06	1.40E+00	1.52E-05	1.10E-02	3.05E-02	1.02E-05	3.68E-03	1.02E-05	4.01E+01	3.91E-05	2.68E-03	2.63E-02	8.03E-03	1.77E+00
2046-11-01	20	118	58.80	6.11	0.117	17.5	0.224	0.0274	0.00296	6.52E-06	1.40E+00	1.52E-05	1.10E-02	3.05E-02	1.02E-05	3.68E-03	1.02E-05	4.01E+01	3.91E-05	2.68E-03	2.63E-02	8.03E-03	1.77E+00
2046-12-01	20	119	59.50	6.19	0.119	17.7	0.227	0.0277	0.003	6.58E-06	1.40E+00	1.52E-05	1.11E-02	3.08E-02	1.02E-05	3.72E-03	1.02E-05	4.06E+01	3.96E-05	2.68E-03	2.63E-02	8.10E-03	1.77E+00
2047-01-01	21	119	59.40	6.17	0.119	17.7	0.227	0.0277	0.00299	6.57E-06	1.40E+00	1.52E-05	1.11E-02	3.08E-02	1.02E-05	3.71E-03	1.02E-05	4.05E+01	3.95E-05	2.68E-03	2.63E-02	8.09E-03	1.77E+00
2047-02-01	21	119	59.50	6.18	0.119	17.7	0.227	0.0277	0.00299	6.57E-06	1.40E+00	1.52E-05	1.11E-02	3.08E-02	1.02E-05	3.71E-03	1.02E-05	4.06E+01	3.96E-05	2.68E-03	2.63E-02	8.10E-03	1.77E+00
2047-03-01	21	120	59.70	6.2	0.119	17.7	0.228	0.0277	0.003	6.57E-06	1.40E+00	1.52E-05	1.12E-02	3.07E-02	1.02E-05	3.72E-03	1.02E-05	4.06E+01	3.97E-05	2.68E-03	2.63E-02	8.12E-03	1.77E+00
2047-04-01	21	121	60.30	6.25	0.121	17.9	0.229	0.0276	0.00302	6.57E-06	1.40E+00	1.52E-05	1.13E-02	3.05E-02	1.02E-05	3.74E-03	1.02E-05	4.09E+01	4.00E-05	2.69E-03	2.63E-02	8.17E-03	1.77E+00
2047-05-01	21	123	61.20	6.33	0.123	18.2	0.23	0.0272	0.00302	6.50E-06	1.40E+00	1.52E-05	1.15E-02	2.95E-02	1.01E-05	3.77E-03	1.01E-05	4.11E+01	4.05E-05	2.69E-03	2.63E-02	8.26E-03	1.77E+00
2047-06-01	21	122	60.70	6.27	0.122	18.1	0.228	0.0268	0.00299	6.41E-06	1.40E+00	1.52E-05	1.14E-02	2.89E-02	1.01E-05	3.74E-03	1.00E-05	4.07E+01	4.02E-05	2.69E-03	2.62E-02	8.21E-03	1.77E+00
2047-07-01	21	123	61.30	6.34	0.123	18.3	0.23	0.027	0.00302	6.45E-06	1.40E+00	1.52E-05	1.15E-02	2.91E-02	1.01E-05	3.77E-03	1.01E-05	4.11E+01	4.06E-05	2.70E-03	2.62E-02	8.27E-03	1.77E+00
2047-08-01	21	124	61.90	6.39	0.124	18.4	0.232	0.0272	0.00304	6.49E-06	1.40E+00	1.52E-05	1.16E-02	2.93E-02	1.01E-05	3.80E-03	1.01E-05	4.14E+01	4.10E-05	2.70E-03	2.63E-02	8.33E-03	1.77E+00
2047-09-01	21	125	62.40	6.44	0.125	18.6	0.234	0.0274	0.00307	6.53E-06	1.40E+00	1.52E-05	1.17E-02	2.94E-02	1.02E-05	3.82E-03	1.02E-05	4.18E+01	4.13E-05	2.70E-03	2.63E-02	8.37E-03	1.77E+00
2047-10-01	21	125	62.30	6.44	0.125	18.6	0.234	0.0274	0.00306	6.52E-06	1.40E+00	1.52E-05	1.17E-02	2.94E-02	1.02E-05	3.82E-03	1.02E-05	4.17E+01	4.12E-05	2.70E-03	2.63E-02	8.37E-03	1.77E+00
2047-11-01	21	125	62.20	6.43	0.125	18.6	0.234	0.0274	0.00306	6.52E-06	1.40E+00	1.52E-05	1.17E-02	2.94E-02	1.02E-05	3.82E-03	1.02E-05	4.17E+01	4.12E-05	2.70E-03	2.63E-02	8.36E-03	1.77E+00
2047-12-01	21	126	63.10	6.52	0.127	18.8	0.237	0.0277	0.0031	6.59E-06	1.40E+00	1.52E-05	1.18E-02	2.97E-02	1.02E-05	3.86E-03	1.03E-05	4.22E+01	4.17E-05	2.71E-03	2.63E-02	8.44E-03	1.77E+00
2048-01-01	22	126	62.90	6.5	0.126	18.8	0.237	0.0277	0.00309	6.58E-06	1.40E+00	1.52E-05	1.18E-02	2.97E-02	1.02E-05	3.85E-03	1.02E-05	4.21E+01	4.16E-05	2.71E-03	2.63E-02	8.43E-03	1.77E+00
2048-02-01	22	126	63.00	6.51	0.126	18.8	0.237	0.0277	0.00309	6.58E-06	1.40E+00	1.52E-05	1.18E-02	2.96E-02	1.02E-05	3.86E-03	1.02E-05	4.22E+01	4.17E-05	2.71E-03	2.63E-02	8.44E-03	1.77E+00
2048-03-01	22	127	63.10	6.52	0.127	18.8	0.237	0.0277	0.00309	6.58E-06	1.40E+00	1.52E-05	1.18E-02	2.96E-02	1.02E-05	3.86E-03	1.02E-05	4.22E+01	4.18E-05	2.71E-03	2.63E-02	8.45E-03	1.77E+00
2048-04-01	22	128	63.60	6.55	0.128	18.9	0.238	0.0276	0.00309	6.57E-06	1.40E+00	1.52E-05	1.20E-02	2.94E-02	1.02E-05	3.88E-03	1.02E-05	4.24E+01	4.21E-05	2.71E-03	2.63E-02	8.50E-03	1.77E+00
2048-05-01	22	129	64.20	6.57	0.129	19.1	0.238	0.0272	0.00304	6.49E-06	1.40E+00	1.52E-05	1.21E-02	2.87E-02	1.01E-05	3.89E-03	1.01E-05	4.24E+01	4.24E-05	2.72E-03	2.63E-02	8.55E-03	1.77E+00
2048-06-01	22	128	63.70	6.49	0.128	18.9	0.235	0.0268	0.00298	6.41E-06	1.40E+00	1.52E-05	1.20E-02	2.81E-02	1.01E-05	3.85E-03	1.00E-05	4.19E+01	4.20E-05	2.71E-03	2.62E-02	8.49E-03	1.77E+00
2048-07-01	22	129	64.30	6.56	0.129	19.1	0.237	0.027	0.00301	6.45E-06	1.40E+00	1.52E-05	1.22E-02	2.83E-02	1.01E-05	3.88E-03	1.01E-05	4.23E+01	4.24E-05	2.72E-03	2.62E-02	8.55E-03	1.77E+00
2048-08-01	22	130	64.90	6.61	0.13	19.2	0.239	0.0272	0.00303	6.49E-06	1.40E+00	1.52E-05	1.23E-02	2.85E-02	1.01E-05	3.91E-03	1.01E-05	4.27E+01	4.28E-05	2.72E-03	2.63E-02	8.61E-03	1.77E+00
2048-09-01	22	131	65.40	6.66	0.131	19.4	0.241	0.0274	0.00305	6.53E-06	1.40E+00	1.52E-05	1.23E-02	2.87E-02	1.02E-05	3.94E-03	1.02E-05	4.30E+01	4.31E-05	2.73E-03	2.63E-02	8.66E-03	1.77E+00
2048-10-01	22	131	65.30	6.65	0.131	19.3	0.241	0.0274	0.00305	6.52E-06	1.40E+00	1.52E-05	1.23E-02	2.87E-02	1.02E-05	3.93E-03	1.02E-05	4.29E+01	4.30E-05	2.73E-03	2.63E-02	8.65E-03	1.77E+00
2048-11-01	22	131	65.20	6.64	0.131	19.3	0.241	0.0274	0.00305	6.52E-06	1.40E+00	1.52E-05	1.23E-02	2.86E-02	1.02E-05	3.93E-03	1.02E-05	4.29E+01	4.30E-05	2.73E-03	2.63E-02	8.64E-03	1.77E+00
2048-12-01	22	132	66																				

Pond_2 30ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2052-07-01	26	149	74.10	6.98	0.155	22.5	0.268	0.0271	0.00269	6.46E-06	1.40E+00	1.52E-05	1.47E-02	2.71E-02	1.01E-05	4.77E-03	1.01E-05	4.83E+01	4.83E-05	2.79E-03	2.62E-02	9.45E-03	1.77E+00
2052-08-01	26	150	74.60	7.03	0.156	22.7	0.27	0.0273	0.0027	6.50E-06	1.40E+00	1.52E-05	1.48E-02	2.73E-02	1.01E-05	4.81E-03	1.01E-05	4.86E+01	4.87E-05	2.79E-03	2.62E-02	9.50E-03	1.77E+00
2052-09-01	26	151	75.10	7.07	0.157	22.8	0.272	0.0275	0.00272	6.53E-06	1.40E+00	1.52E-05	1.49E-02	2.74E-02	1.02E-05	4.84E-03	1.02E-05	4.89E+01	4.90E-05	2.80E-03	2.63E-02	9.55E-03	1.77E+00
2052-10-01	26	151	75.00	7.06	0.157	22.8	0.272	0.0274	0.00272	6.52E-06	1.40E+00	1.52E-05	1.49E-02	2.74E-02	1.02E-05	4.83E-03	1.02E-05	4.88E+01	4.89E-05	2.79E-03	2.63E-02	9.54E-03	1.77E+00
2052-11-01	26	150	74.90	7.05	0.157	22.7	0.272	0.0274	0.00271	6.52E-06	1.40E+00	1.52E-05	1.49E-02	2.73E-02	1.02E-05	4.82E-03	1.01E-05	4.88E+01	4.88E-05	2.79E-03	2.63E-02	9.53E-03	1.77E+00
2052-12-01	26	152	75.60	7.12	0.158	22.9	0.274	0.0276	0.00274	6.56E-06	1.40E+00	1.52E-05	1.50E-02	2.76E-02	1.02E-05	4.86E-03	1.02E-05	4.92E+01	4.93E-05	2.80E-03	2.63E-02	9.60E-03	1.77E+00
2053-01-01	27	152	75.60	7.12	0.158	23	0.274	0.0277	0.00274	6.57E-06	1.40E+00	1.52E-05	1.50E-02	2.76E-02	1.02E-05	4.87E-03	1.02E-05	4.93E+01	4.93E-05	2.80E-03	2.63E-02	9.60E-03	1.77E+00
2053-02-01	27	152	75.70	7.13	0.158	23	0.275	0.0277	0.00274	6.57E-06	1.40E+00	1.52E-05	1.50E-02	2.76E-02	1.02E-05	4.87E-03	1.02E-05	4.93E+01	4.93E-05	2.80E-03	2.63E-02	9.60E-03	1.77E+00
2053-03-01	27	152	75.70	7.13	0.159	23	0.275	0.0277	0.00275	6.57E-06	1.40E+00	1.52E-05	1.51E-02	2.76E-02	1.02E-05	4.89E-03	1.02E-05	4.93E+01	4.94E-05	2.80E-03	2.63E-02	9.61E-03	1.77E+00
2053-04-01	27	153	76.00	7.16	0.159	23.1	0.276	0.0276	0.00275	6.56E-06	1.40E+00	1.52E-05	1.51E-02	2.74E-02	1.02E-05	4.94E-03	1.02E-05	4.94E+01	4.95E-05	2.80E-03	2.63E-02	9.64E-03	1.77E+00
2053-05-01	27	152	75.60	7.13	0.159	23	0.274	0.0272	0.00274	6.48E-06	1.40E+00	1.52E-05	1.51E-02	2.68E-02	1.01E-05	5.01E-03	1.01E-05	4.90E+01	4.92E-05	2.80E-03	2.62E-02	9.60E-03	1.77E+00
2053-06-01	27	150	74.90	7.06	0.157	22.8	0.271	0.0268	0.00272	6.42E-06	1.40E+00	1.52E-05	1.49E-02	2.64E-02	1.01E-05	5.00E-03	1.00E-05	4.84E+01	4.88E-05	2.79E-03	2.62E-02	9.54E-03	1.77E+00
2053-07-01	27	152	75.70	7.14	0.159	23.1	0.274	0.0271	0.00275	6.46E-06	1.40E+00	1.52E-05	1.51E-02	2.66E-02	1.01E-05	5.06E-03	1.01E-05	4.89E+01	4.93E-05	2.80E-03	2.62E-02	9.61E-03	1.77E+00
2053-08-01	27	153	76.20	7.19	0.16	23.2	0.276	0.0273	0.00277	6.50E-06	1.40E+00	1.52E-05	1.52E-02	2.68E-02	1.01E-05	5.09E-03	1.01E-05	4.93E+01	4.96E-05	2.80E-03	2.62E-02	9.67E-03	1.77E+00
2053-09-01	27	154	76.70	7.24	0.161	23.4	0.278	0.0275	0.00279	6.53E-06	1.40E+00	1.52E-05	1.53E-02	2.70E-02	1.02E-05	5.12E-03	1.02E-05	4.96E+01	4.99E-05	2.81E-03	2.63E-02	9.72E-03	1.77E+00
2053-10-01	27	154	76.60	7.22	0.161	23.3	0.278	0.0274	0.00278	6.52E-06	1.40E+00	1.52E-05	1.53E-02	2.69E-02	1.02E-05	5.11E-03	1.02E-05	4.95E+01	4.98E-05	2.81E-03	2.63E-02	9.70E-03	1.77E+00
2053-11-01	27	154	76.50	7.21	0.161	23.3	0.277	0.0274	0.00278	6.52E-06	1.40E+00	1.52E-05	1.53E-02	2.69E-02	1.02E-05	5.11E-03	1.01E-05	4.94E+01	4.98E-05	2.81E-03	2.63E-02	9.69E-03	1.77E+00
2053-12-01	27	155	77.20	7.28	0.162	23.5	0.28	0.0276	0.0028	6.56E-06	1.40E+00	1.52E-05	1.54E-02	2.71E-02	1.02E-05	5.15E-03	1.02E-05	4.99E+01	5.02E-05	2.81E-03	2.63E-02	9.76E-03	1.77E+00
2054-01-01	28	155	77.20	7.29	0.162	23.5	0.28	0.0277	0.0028	6.57E-06	1.40E+00	1.52E-05	1.54E-02	2.71E-02	1.02E-05	5.15E-03	1.02E-05	4.99E+01	5.03E-05	2.81E-03	2.63E-02	9.77E-03	1.77E+00
2054-02-01	28	155	77.30	7.29	0.162	23.6	0.28	0.0277	0.00281	6.57E-06	1.40E+00	1.52E-05	1.54E-02	2.71E-02	1.02E-05	5.16E-03	1.02E-05	4.99E+01	5.03E-05	2.81E-03	2.63E-02	9.77E-03	1.77E+00
2054-03-01	28	155	77.30	7.3	0.162	23.6	0.281	0.0277	0.00281	6.57E-06	1.40E+00	1.52E-05	1.54E-02	2.71E-02	1.02E-05	5.18E-03	1.02E-05	5.00E+01	5.03E-05	2.81E-03	2.63E-02	9.78E-03	1.77E+00
2054-04-01	28	156	77.50	7.32	0.163	23.6	0.281	0.0276	0.00282	6.56E-06	1.40E+00	1.52E-05	1.55E-02	2.70E-02	1.02E-05	5.23E-03	1.02E-05	5.00E+01	5.04E-05	2.82E-03	2.63E-02	9.80E-03	1.77E+00
2054-05-01	28	155	76.90	7.28	0.161	23.5	0.278	0.0272	0.00282	6.48E-06	1.40E+00	1.52E-05	1.54E-02	2.64E-02	1.01E-05	5.29E-03	1.01E-05	4.94E+01	5.00E-05	2.81E-03	2.62E-02	9.74E-03	1.77E+00
2054-06-01	28	153	76.10	7.21	0.16	23.2	0.276	0.0268	0.00279	6.42E-06	1.40E+00	1.52E-05	1.52E-02	2.60E-02	1.01E-05	5.28E-03	1.00E-05	4.89E+01	4.95E-05	2.80E-03	2.62E-02	9.67E-03	1.77E+00
2054-07-01	28	155	76.90	7.29	0.161	23.5	0.279	0.0271	0.00282	6.47E-06	1.40E+00	1.52E-05	1.54E-02	2.62E-02	1.01E-05	5.34E-03	1.01E-05	4.94E+01	5.00E-05	2.81E-03	2.62E-02	9.75E-03	1.77E+00
2054-08-01	28	156	77.50	7.34	0.163	23.6	0.281	0.0273	0.00284	6.50E-06	1.40E+00	1.52E-05	1.55E-02	2.64E-02	1.02E-05	5.37E-03	1.01E-05	4.97E+01	5.04E-05	2.82E-03	2.62E-02	9.80E-03	1.77E+00
2054-09-01	28	157																					

Pond_2 30ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2058-04-01	32	62.3	31.80	6.82	0.0621	9.96	0.328	0.0249	0.0059	6.39E-06	1.40E+00	1.52E-05	2.05E-03	2.49E-02	9.86E-06	1.33E-03	1.09E-05	1.23E+01	2.38E-05	2.52E-03	2.63E-02	5.84E-03	1.79E+00
2058-05-01	32	59.9	30.60	6.55	0.0604	9.56	0.325	0.0248	0.00568	6.38E-06	1.40E+00	1.52E-05	1.98E-03	2.54E-02	9.85E-06	1.31E-03	1.09E-05	1.22E+01	2.31E-05	2.51E-03	2.63E-02	5.70E-03	1.79E+00
2058-06-01	32	58.1	29.60	6.34	0.0592	9.24	0.322	0.0247	0.0055	6.37E-06	1.40E+00	1.52E-05	1.93E-03	2.58E-02	9.85E-06	1.29E-03	1.09E-05	1.22E+01	2.25E-05	2.50E-03	2.63E-02	5.60E-03	1.79E+00
2058-07-01	32	57.8	29.50	6.32	0.0592	9.2	0.324	0.0249	0.00548	6.40E-06	1.40E+00	1.52E-05	1.93E-03	2.61E-02	9.86E-06	1.29E-03	1.09E-05	1.23E+01	2.24E-05	2.50E-03	2.63E-02	5.58E-03	1.79E+00
2058-08-01	32	58	29.60	6.34	0.0594	9.23	0.326	0.0251	0.0055	6.43E-06	1.40E+00	1.52E-05	1.94E-03	2.63E-02	9.89E-06	1.29E-03	1.10E-05	1.24E+01	2.25E-05	2.50E-03	2.63E-02	5.59E-03	1.79E+00
2058-09-01	32	58.3	29.80	6.37	0.0598	9.28	0.329	0.0253	0.00553	6.47E-06	1.40E+00	1.52E-05	1.95E-03	2.65E-02	9.91E-06	1.29E-03	1.10E-05	1.25E+01	2.26E-05	2.50E-03	2.63E-02	5.61E-03	1.79E+00
2058-10-01	32	57.9	29.50	6.32	0.0594	9.21	0.327	0.0251	0.00549	6.44E-06	1.40E+00	1.52E-05	1.93E-03	2.63E-02	9.89E-06	1.29E-03	1.10E-05	1.24E+01	2.25E-05	2.50E-03	2.63E-02	5.59E-03	1.79E+00
2058-11-01	32	57.4	29.30	6.27	0.059	9.13	0.325	0.0249	0.00544	6.40E-06	1.40E+00	1.52E-05	1.92E-03	2.62E-02	9.87E-06	1.28E-03	1.09E-05	1.23E+01	2.23E-05	2.50E-03	2.63E-02	5.56E-03	1.79E+00
2058-12-01	32	57.1	29.20	6.24	0.0587	9.09	0.323	0.0248	0.00541	6.38E-06	1.40E+00	1.52E-05	1.91E-03	2.60E-02	9.85E-06	1.28E-03	1.09E-05	1.23E+01	2.22E-05	2.50E-03	2.63E-02	5.54E-03	1.79E+00
2059-01-01	33	57.1	29.10	6.23	0.0587	9.08	0.323	0.0248	0.00541	6.38E-06	1.40E+00	1.52E-05	1.91E-03	2.60E-02	9.85E-06	1.28E-03	1.09E-05	1.23E+01	2.22E-05	2.50E-03	2.63E-02	5.54E-03	1.79E+00
2059-02-01	33	57	29.10	6.23	0.0586	9.07	0.323	0.0248	0.0054	6.38E-06	1.40E+00	1.52E-05	1.91E-03	2.61E-02	9.85E-06	1.28E-03	1.09E-05	1.23E+01	2.22E-05	2.50E-03	2.63E-02	5.54E-03	1.79E+00
2059-03-01	33	57	29.10	6.22	0.0586	9.06	0.323	0.0248	0.0054	6.38E-06	1.40E+00	1.52E-05	1.91E-03	2.61E-02	9.86E-06	1.28E-03	1.09E-05	1.23E+01	2.22E-05	2.50E-03	2.63E-02	5.53E-03	1.79E+00
2059-04-01	33	56.5	28.90	6.17	0.0584	8.98	0.324	0.0249	0.00536	6.39E-06	1.40E+00	1.52E-05	1.89E-03	2.64E-02	9.86E-06	1.27E-03	1.09E-05	1.23E+01	2.20E-05	2.50E-03	2.63E-02	5.51E-03	1.79E+00
2059-05-01	33	54.2	27.70	5.91	0.0567	8.59	0.32	0.0248	0.00513	6.38E-06	1.40E+00	1.52E-05	1.83E-03	2.70E-02	9.85E-06	1.25E-03	1.09E-05	1.23E+01	2.13E-05	2.48E-03	2.63E-02	5.38E-03	1.79E+00
2059-06-01	33	52.3	26.70	5.7	0.0555	8.27	0.318	0.0248	0.00496	6.37E-06	1.40E+00	1.52E-05	1.78E-03	2.75E-02	9.85E-06	1.23E-03	1.09E-05	1.23E+01	2.07E-05	2.47E-03	2.63E-02	5.27E-03	1.79E+00
2059-07-01	33	52.1	26.60	5.67	0.0555	8.23	0.32	0.0249	0.00494	6.40E-06	1.40E+00	1.52E-05	1.78E-03	2.78E-02	9.87E-06	1.23E-03	1.09E-05	1.23E+01	2.07E-05	2.47E-03	2.63E-02	5.26E-03	1.79E+00
2059-08-01	33	52.2	26.70	5.69	0.0557	8.25	0.322	0.0251	0.00495	6.43E-06	1.40E+00	1.52E-05	1.78E-03	2.80E-02	9.89E-06	1.23E-03	1.10E-05	1.24E+01	2.07E-05	2.47E-03	2.63E-02	5.27E-03	1.79E+00
2059-09-01	33	52.5	26.80	5.71	0.0561	8.29	0.325	0.0253	0.00498	6.47E-06	1.40E+00	1.52E-05	1.79E-03	2.82E-02	9.91E-06	1.24E-03	1.10E-05	1.25E+01	2.08E-05	2.47E-03	2.63E-02	5.28E-03	1.79E+00
2059-10-01	33	52.1	26.60	5.67	0.0557	8.23	0.323	0.0251	0.00494	6.44E-06	1.40E+00	1.52E-05	1.78E-03	2.81E-02	9.89E-06	1.23E-03	1.10E-05	1.24E+01	2.07E-05	2.47E-03	2.63E-02	5.26E-03	1.79E+00
2059-11-01	33	51.7	26.40	5.62	0.0553	8.16	0.321	0.0249	0.0049	6.40E-06	1.40E+00	1.52E-05	1.76E-03	2.79E-02	9.87E-06	1.23E-03	1.09E-05	1.24E+01	2.05E-05	2.47E-03	2.63E-02	5.23E-03	1.79E+00
2059-12-01	33	51.4	26.20	5.6	0.055	8.12	0.319	0.0248	0.00487	6.38E-06	1.40E+00	1.52E-05	1.76E-03	2.78E-02	9.86E-06	1.22E-03	1.09E-05	1.23E+01	2.04E-05	2.47E-03	2.63E-02	5.22E-03	1.79E+00
2060-01-01	34	51.4	26.20	5.59	0.055	8.11	0.319	0.0248	0.00487	6.38E-06	1.40E+00	1.52E-05	1.76E-03	2.78E-02	9.85E-06	1.22E-03	1.09E-05	1.23E+01	2.04E-05	2.47E-03	2.63E-02	5.22E-03	1.79E+00
2060-02-01	34	51.3	26.20	5.59	0.0549	8.1	0.319	0.0248	0.00486	6.38E-06	1.40E+00	1.52E-05	1.75E-03	2.78E-02	9.86E-06	1.22E-03	1.09E-05	1.23E+01	2.04E-05	2.47E-03	2.63E-02	5.21E-03	1.79E+00
2060-03-01	34	51.2	26.20	5.58	0.0549	8.09	0.319	0.0248	0.00486	6.38E-06	1.40E+00	1.52E-05	1.75E-03	2.79E-02	9.86E-06	1.22E-03	1.09E-05	1.23E+01	2.04E-05	2.47E-03	2.63E-02	5.21E-03	1.79E+00
2060-04-01	34	50.8	25.90	5.53	0.0547	8.01	0.319	0.0249	0.00482	6.39E-06	1.40E+00	1.52E-05	1.74E-03	2.82E-02	9.87E-06	1.22E-03	1.09E-05	1.24E+01	2.03E-05	2.47E-03	2.63E-02	5.18E-03	1.79E+00
2060-05-01	34	48.5	24.70	5.27	0.0531	7.62	0.316	0.0248	0.0046	6.38E-06	1.40E+00	1.52E-05	1.68E-03	2.89E-02	9.86E-06	1.20E-03	1.09E-05	1.23E+01	1.95E-05	2.45E-03	2.63E-02	5.05E-03	1.79

Pond_2 30ppmTSS																							
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L
2064-01-01	38	29	14.90	3.09	0.0406	4.34	0.303	0.0249	0.00276	6.38E-06	1.40E+00	1.52E-05	1.16E-03	4.15E-02	9.87E-06	1.01E-03	1.08E-05	1.24E+01	1.36E-05	2.35E-03	2.63E-02	3.95E-03	1.79E+00
2064-02-01	38	29	14.80	3.08	0.0406	4.33	0.303	0.0249	0.00276	6.38E-06	1.40E+00	1.52E-05	1.16E-03	4.16E-02	9.87E-06	1.01E-03	1.08E-05	1.24E+01	1.35E-05	2.35E-03	2.63E-02	3.94E-03	1.79E+00
2064-03-01	38	28.9	14.80	3.07	0.0406	4.31	0.303	0.0249	0.00275	6.38E-06	1.40E+00	1.52E-05	1.16E-03	4.18E-02	9.87E-06	1.01E-03	1.08E-05	1.25E+01	1.35E-05	2.35E-03	2.63E-02	3.94E-03	1.79E+00
2064-04-01	38	28.4	14.50	3.01	0.0403	4.23	0.303	0.025	0.0027	6.40E-06	1.40E+00	1.52E-05	1.14E-03	4.27E-02	9.88E-06	1.00E-03	1.09E-05	1.25E+01	1.34E-05	2.35E-03	2.63E-02	3.91E-03	1.79E+00
2064-05-01	38	26.2	13.40	2.77	0.0388	3.85	0.3	0.0249	0.0025	6.38E-06	1.40E+00	1.52E-05	1.08E-03	4.55E-02	9.87E-06	9.81E-04	1.08E-05	1.24E+01	1.27E-05	2.34E-03	2.63E-02	3.78E-03	1.79E+00
2064-06-01	38	24.5	12.60	2.58	0.0376	3.57	0.298	0.0249	0.00233	6.37E-06	1.40E+00	1.52E-05	1.04E-03	4.78E-02	9.86E-06	9.65E-04	1.08E-05	1.24E+01	1.22E-05	2.33E-03	2.63E-02	3.69E-03	1.79E+00
2064-07-01	38	24.1	12.40	2.53	0.0375	3.5	0.3	0.025	0.0023	6.40E-06	1.40E+00	1.52E-05	1.03E-03	4.88E-02	9.88E-06	9.62E-04	1.09E-05	1.25E+01	1.21E-05	2.33E-03	2.63E-02	3.67E-03	1.79E+00
2064-08-01	38	24.1	12.30	2.53	0.0376	3.49	0.302	0.0252	0.0023	6.44E-06	1.40E+00	1.52E-05	1.03E-03	4.94E-02	9.90E-06	9.63E-04	1.09E-05	1.26E+01	1.21E-05	2.33E-03	2.63E-02	3.66E-03	1.79E+00
2064-09-01	38	24.1	12.40	2.54	0.0379	3.5	0.304	0.0254	0.0023	6.47E-06	1.40E+00	1.52E-05	1.03E-03	4.98E-02	9.92E-06	9.65E-04	1.10E-05	1.27E+01	1.21E-05	2.33E-03	2.63E-02	3.67E-03	1.79E+00
2064-10-01	38	23.9	12.30	2.51	0.0376	3.47	0.303	0.0252	0.00228	6.44E-06	1.40E+00	1.52E-05	1.03E-03	4.96E-02	9.91E-06	9.62E-04	1.09E-05	1.26E+01	1.20E-05	2.33E-03	2.63E-02	3.66E-03	1.79E+00
2064-11-01	38	23.7	12.20	2.49	0.0373	3.44	0.3	0.0251	0.00226	6.40E-06	1.40E+00	1.52E-05	1.02E-03	4.92E-02	9.88E-06	9.59E-04	1.09E-05	1.25E+01	1.19E-05	2.33E-03	2.63E-02	3.65E-03	1.79E+00
2064-12-01	38	23.6	12.10	2.48	0.0372	3.42	0.299	0.0249	0.00225	6.38E-06	1.40E+00	1.52E-05	1.02E-03	4.90E-02	9.87E-06	9.57E-04	1.08E-05	1.25E+01	1.19E-05	2.33E-03	2.63E-02	3.64E-03	1.79E+00
2065-01-01	39	23.6	12.10	2.48	0.0371	3.42	0.299	0.0249	0.00225	6.38E-06	1.40E+00	1.52E-05	1.01E-03	4.90E-02	9.87E-06	9.57E-04	1.08E-05	1.25E+01	1.19E-05	2.33E-03	2.63E-02	3.64E-03	1.79E+00
2065-02-01	39	23.6	12.10	2.47	0.0371	3.41	0.3	0.0249	0.00225	6.38E-06	1.40E+00	1.52E-05	1.01E-03	4.89E-02	9.87E-06	9.57E-04	1.08E-05	1.25E+01	1.19E-05	2.33E-03	2.63E-02	3.64E-03	1.79E+00
2065-03-01	39	23.5	12.10	2.47	0.0372	3.39	0.3	0.0249	0.00225	6.38E-06	1.40E+00	1.52E-05	1.02E-03	4.88E-02	9.87E-06	9.57E-04	1.08E-05	1.25E+01	1.19E-05	2.33E-03	2.63E-02	3.63E-03	1.79E+00
2065-04-01	39	23.4	12.00	2.45	0.0372	3.29	0.304	0.0249	0.00223	6.39E-06	1.40E+00	1.52E-05	1.01E-03	4.82E-02	9.87E-06	9.58E-04	1.09E-05	1.27E+01	1.19E-05	2.33E-03	2.63E-02	3.63E-03	1.79E+00
2065-05-01	39	22.3	11.50	2.32	0.0368	2.88	0.316	0.0246	0.00213	6.37E-06	1.40E+00	1.52E-05	1.00E-03	4.53E-02	9.83E-06	9.57E-04	1.10E-05	1.32E+01	1.17E-05	2.32E-03	2.63E-02	3.57E-03	1.79E+00
2065-06-01	39	21.5	11.00	2.22	0.0365	2.53	0.327	0.0243	0.00205	6.36E-06	1.40E+00	1.52E-05	9.90E-04	4.28E-02	9.79E-06	9.56E-04	1.10E-05	1.37E+01	1.16E-05	2.32E-03	2.63E-02	3.53E-03	1.79E+00
2065-07-01	39	21.3	11.00	2.2	0.0366	2.43	0.333	0.0244	0.00204	6.39E-06	1.40E+00	1.52E-05	9.92E-04	4.22E-02	9.80E-06	9.59E-04	1.11E-05	1.39E+01	1.16E-05	2.32E-03	2.63E-02	3.52E-03	1.79E+00
2065-08-01	39	21.3	11.00	2.2	0.0369	2.39	0.337	0.0245	0.00204	6.42E-06	1.40E+00	1.52E-05	9.98E-04	4.21E-02	9.82E-06	9.62E-04	1.12E-05	1.41E+01	1.17E-05	2.32E-03	2.63E-02	3.53E-03	1.79E+00
2065-09-01	39	21.4	11.00	2.21	0.0371	2.39	0.341	0.0247	0.00205	6.46E-06	1.40E+00	1.52E-05	1.00E-03	4.22E-02	9.84E-06	9.65E-04	1.13E-05	1.43E+01	1.17E-05	2.32E-03	2.63E-02	3.54E-03	1.80E+00
2065-10-01	39	21.3	11.00	2.19	0.0369	2.36	0.339	0.0246	0.00204	6.43E-06	1.40E+00	1.52E-05	9.98E-04	4.19E-02	9.82E-06	9.63E-04	1.12E-05	1.42E+01	1.17E-05	2.32E-03	2.63E-02	3.53E-03	1.80E+00
2065-11-01	39	21.1	10.90	2.17	0.0367	2.34	0.337	0.0244	0.00202	6.39E-06	1.40E+00	1.52E-05	9.91E-04	4.15E-02	9.80E-06	9.60E-04	1.12E-05	1.41E+01	1.16E-05	2.32E-03	2.63E-02	3.51E-03	1.79E+00
2065-12-01	39	21	10.80	2.16	0.0365	2.32	0.336	0.0242	0.00201	6.37E-06	1.40E+00	1.52E-05	9.87E-04	4.13E-02	9.79E-06	9.58E-04	1.11E-05	1.41E+01	1.15E-05	2.32E-03	2.63E-02	3.51E-03	1.79E+00
2066-01-01	40	21	10.80	2.16	0.0365	2.32	0.336	0.0242	0.00201	6.37E-06	1.40E+00	1.52E-05	9.86E-04	4.13E-02	9.79E-06	9.57E-04	1.11E-05	1.41E+01	1.15E-05	2.32E-03	2.63E-02	3.51E-03	1.79E+00
2066-02-01	40	20.9	10.80	2.16	0.0365	2.31	0.336	0.0242	0.00201	6.37E-06	1.40E+00	1.52E-05	9.86E-04	4.12E-02	9.79E-06	9.58E-04	1.11E-05	1.41E+01	1.15E-05	2.32E-03	2.63E-02	3.51E-03	1.79E+00
2066-03-01	40	20.9	10.80	2.15	0.0366	2.3	0.338	0.0242	0.002	6.37E-06	1.40E+00	1.52E-05	9.87E-04	4.09E-02	9.79E-06	9.58E-04	1.11E-05	1.42E+01	1.15E-05	2.32E-03	2.63E-02	3.50E-03	1.79E+00
2066-04-01	40	20.7	10.70	2.13	0.0369	2.24	0.344	0.0242	0.00199	6.38E-06	1.40E+00	1.52E-05	9.89E-04	3.99E-02	9.78E-06	9.60E-04	1.12E-05	1.44E+01	1.16E-05	2.32E-03	2.63E-02	3.50E-03	1.80E+00
2066-05-01	40	19.7	10.20	2.01	0.0376	1.95	0.364	0.0237	0.0019	6.35E-06	1.40E+00	1.52E-05	9.83E-04	3.50E-02	9.72E-06	9.64E-04	1.13E-05	1.52E+01	1.15E-05	2.31E-03	2.63E-02	3.45E-03	1.80E+00
2066-06-01	40	18.8	9.71	1.89	0.0384	1.68	0.384	0.0232	0.00181	6.33E-06	1.40E+00	1.52E-05	9.78E-04	3.03E-02	9.67E-06	9.68E-04	1.15E-05	1.60E+01	1.14E-05	2.31E-03	2.63E-02	3.41E-03	1.80E+00
2066-07-01	40	18.5	9.59	1.85	0.039	1.58	0.395	0.023.															

Pond 2 30ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
Pond 2 Statistics (Year 4 to Year 42)																						
Minimum		0.1334	0.00032741	3.555	0.030446	0.0000257	0.19442	0.2468	0.02550798	0.00004488	0.00002798	0.00001681	0.0044039	0.002831	0.04560298	1.3323E-06	0.00001573	0.0025255	0.00001817	0.00020405	0.0016	0.0044191
P10		1.8794	0.00409031	20.814	0.038505	0.0009723	0.3392	2.7349	0.026975	0.0002709	0.0004076	0.00019801	0.1506839	0.022337	0.045802	0.000003591	0.00157953	0.002977	0.00079097	0.0006677	0.00637	0.008385
Median		5.4894	0.00463031	39.914	0.06275	0.0039253	0.3622	7.9749	0.030325	0.0006364	0.0004346	0.00053051	0.1726839	0.075937	0.04665	0.000003691	0.00467453	0.007321	0.00112747	0.0007707	0.01451	0.01495
P90		8.5994	0.00632031	58.464	0.10765	0.0098903	0.4407	12.4049	0.03299	0.0013829	0.0004476	0.00107551	0.2516839	0.187637	0.04825	0.000003751	0.01080453	0.014411	0.00195747	0.0008522	0.03116	0.02605
Maximum		8.9644	0.00693031	62.114	0.1125	0.0105153	0.6092	12.9049	0.03404	0.0014929	0.0004496	0.00116551	0.4191839	0.200637	0.04844	0.000003771	0.01160453	0.015211	0.00207747	0.0011237	3.35E-02	2.66E-02
Monthly Results																						
2030-02-01	4	1.33E-01	3.27E-04	3.56E+00	3.04E-02	2.57E-05	1.94E-01	2.47E-01	2.55E-02	4.49E-05	2.80E-05	1.68E-05	4.40E-03	2.83E-03	4.56E-02	1.33E-06	1.57E-05	2.53E-03	1.82E-05	2.04E-04	1.60E-03	4.42E-03
2030-03-01	4	1.81E-01	4.36E-04	3.78E+00	3.07E-02	4.26E-05	2.01E-01	3.15E-01	2.55E-02	4.81E-05	3.35E-05	1.89E-05	1.13E-02	3.15E-03	4.56E-02	1.37E-06	3.40E-05	2.55E-03	3.56E-05	2.19E-04	1.67E-03	4.53E-03
2030-04-01	4	4.07E-01	9.56E-04	4.87E+00	3.18E-02	1.23E-04	2.34E-01	6.43E-01	2.56E-02	6.35E-05	5.99E-05	2.90E-05	4.40E-02	4.66E-03	4.56E-02	1.53E-06	1.22E-04	2.66E-03	1.18E-04	2.92E-04	1.98E-03	5.07E-03
2030-05-01	4	1.36E+00	3.14E-03	9.46E+00	3.66E-02	4.63E-04	3.71E-01	2.02E+00	2.58E-02	1.28E-04	1.71E-04	7.13E-05	1.81E-01	1.10E-02	4.57E-02	2.23E-06	4.88E-04	3.13E-03	4.67E-04	5.96E-04	3.28E-03	7.32E-03
2030-06-01	4	2.29E+00	5.25E-03	1.39E+01	4.12E-02	7.92E-04	5.04E-01	3.37E+00	2.61E-02	1.91E-04	2.79E-04	1.12E-04	3.14E-01	1.71E-02	4.58E-02	2.91E-06	8.43E-04	3.59E-03	8.04E-04	8.90E-04	4.54E-03	9.49E-03
2030-07-01	4	2.70E+00	6.16E-03	1.58E+01	4.31E-02	9.34E-04	5.61E-01	3.96E+00	2.62E-02	2.17E-04	3.26E-04	1.30E-04	3.71E-01	1.98E-02	4.59E-02	3.21E-06	9.95E-04	3.79E-03	9.49E-04	1.02E-03	5.09E-03	1.04E-02
2030-08-01	4	2.91E+00	6.61E-03	1.68E+01	4.41E-02	1.01E-03	5.89E-01	4.26E+00	2.63E-02	2.31E-04	3.50E-04	1.39E-04	3.99E-01	2.11E-02	4.59E-02	3.36E-06	1.07E-03	3.89E-03	1.02E-03	1.08E-03	5.36E-03	1.09E-02
2030-09-01	4	3.01E+00	6.83E-03	1.72E+01	4.46E-02	1.04E-03	6.03E-01	4.41E+00	2.63E-02	2.37E-04	3.62E-04	1.44E-04	4.13E-01	2.17E-02	4.59E-02	3.43E-06	1.10E-03	3.93E-03	1.06E-03	1.11E-03	5.49E-03	1.11E-02
2030-10-01	4	3.06E+00	6.91E-03	1.74E+01	4.48E-02	1.06E-03	6.08E-01	4.48E+00	2.63E-02	2.40E-04	3.67E-04	1.45E-04	4.18E-01	2.20E-02	4.59E-02	3.46E-06	1.12E-03	3.95E-03	1.07E-03	1.12E-03	5.54E-03	1.12E-02
2030-11-01	4	3.08E+00	6.93E-03	1.75E+01	4.48E-02	1.06E-03	6.09E-01	4.50E+00	2.63E-02	2.41E-04	3.69E-04	1.46E-04	4.19E-01	2.20E-02	4.59E-02	3.47E-06	1.12E-03	3.96E-03	1.08E-03	1.12E-03	5.55E-03	1.12E-02
2030-12-01	4	3.08E+00	6.92E-03	1.75E+01	4.48E-02	1.06E-03	6.09E-01	4.51E+00	2.63E-02	2.40E-04	3.69E-04	1.46E-04	4.19E-01	2.20E-02	4.59E-02	3.47E-06	1.12E-03	3.96E-03	1.07E-03	1.12E-03	5.55E-03	1.12E-02
2031-01-01	5	3.08E+00	6.92E-03	1.75E+01	4.48E-02	1.06E-03	6.09E-01	4.51E+00	2.63E-02	2.40E-04	3.69E-04	1.46E-04	4.19E-01	2.20E-02	4.59E-02	3.47E-06	1.12E-03	3.96E-03	1.07E-03	1.12E-03	5.55E-03	1.12E-02
2031-02-01	5	3.11E+00	6.86E-03	1.76E+01	4.49E-02	1.07E-03	6.04E-01	4.55E+00	2.63E-02	2.42E-04	3.71E-04	1.47E-04	4.14E-01	2.23E-02	4.59E-02	3.48E-06	1.14E-03	3.97E-03	1.07E-03	1.11E-03	5.58E-03	1.12E-02
2031-03-01	5	3.16E+00	6.76E-03	1.77E+01	4.49E-02	1.10E-03	5.97E-01	4.61E+00	2.63E-02	2.43E-04	3.73E-04	1.48E-04	4.07E-01	2.27E-02	4.59E-02	3.49E-06	1.16E-03	4.00E-03	1.05E-03	1.10E-03	5.62E-03	1.11E-02
2031-04-01	5	3.36E+00	6.30E-03	1.82E+01	4.52E-02	1.19E-03	5.63E-01	4.90E+00	2.64E-02	2.51E-04	3.83E-04	1.56E-04	3.74E-01	2.44E-02	4.59E-02	3.52E-06	1.26E-03	4.10E-03	9.95E-04	1.03E-03	5.82E-03	1.06E-02
2031-05-01	5	3.95E+00	4.80E-03	1.96E+01	4.57E-02	1.47E-03	4.56E-01	5.75E+00	2.65E-02	2.72E-04	4.11E-04	1.78E-04	2.67E-01	2.96E-02	4.60E-02	3.61E-06	1.55E-03	4.42E-03	8.10E-04	8.09E-04	6.39E-03	9.09E-03
2031-06-01	5	4.18E+00	4.02E-03	2.00E+01	4.58E-02	1.58E-03	4.01E-01	6.09E+00	2.65E-02	2.79E-04	4.19E-04	1.87E-04	2.11E-01	3.17E-02	4.60E-02	3.62E-06	1.66E-03	4.54E-03	7.09E-04	6.93E-04	6.59E-03	8.30E-03
2031-07-01	5	4.28E+00	3.89E-03	2.03E+01	4.60E-02	1.62E-03	3.92E-01	6.23E+00	2.66E-02	2.83E-04	4.26E-04	1.90E-04	2.02E-01	3.25E-02	4.60E-02	3.66E-06	1.71E-03	4.59E-03	6.96E-04	6.74E-04	6.70E-03	8.18E-03
2031-08-01	5	4.36E+00	3.88E-03	2.06E+01	4.62E-02	1.65E-03	3.90E-01	6.34E+00	2.66E-02	2.87E-04	4.31E-04	1.93E-04	2.00E-01	3.30E-02	4.61E-02	3.69E-06	1.74E-03	4.63E-03	6.96E-04	6.71E-04	6.78E-03	8.16E-03
2031-09-01	5	4.47E+00	3.94E-03	2.10E+01	4.66E-02	1.69E-03	3.93E-01	6.51E+00	2.66E-02	2.93E-04	4.42E-04	1.98E-04	2.03E-01	3.38E-02	4.61E-02	3.75E-06	1.79E-03	4.68E-03	7.09E-04	6.78E-04	6.91E-03	8.23E-03
2031-10-01	5	4.41E+00	3.86E-03	2.07E+01	4.63E-02	1.67E-03	3.88E-01	6.42E+00	2.66E-02	2.89E-04	4.36E-04	1.95E-04	1.98E-01	3.34E-02	4.61E-02	3.71E-06	1.76E-03	4.65E-03	6.95E-04			

Pond_2 30ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorus mg/L
2035-04-01	9	5.31E+00	4.15E-03	2.48E+01	5.52E-02	2.87E-03	3.76E-01	7.75E+00	2.74E-02	4.42E-04	4.34E-04	3.21E-04	1.87E-01	5.60E-02	4.64E-02	3.69E-06	3.04E-03	6.08E-03	8.68E-04	6.78E-04	1.02E-02	9.00E-03
2035-05-01	9	5.53E+00	4.28E-03	2.57E+01	5.74E-02	3.17E-03	3.78E-01	8.05E+00	2.76E-02	4.82E-04	4.32E-04	3.53E-04	1.88E-01	6.16E-02	4.65E-02	3.68E-06	3.36E-03	6.43E-03	9.19E-04	6.88E-04	1.11E-02	8.58E-03
2035-06-01	9	5.55E+00	4.28E-03	2.58E+01	5.81E-02	3.26E-03	3.75E-01	8.09E+00	2.77E-02	4.93E-04	4.25E-04	3.63E-04	1.86E-01	6.33E-02	4.65E-02	3.64E-06	3.46E-03	6.54E-03	9.30E-04	6.86E-04	1.14E-02	8.33E-03
2035-07-01	9	5.62E+00	4.33E-03	2.61E+01	5.85E-02	3.32E-03	3.77E-01	8.19E+00	2.77E-02	5.02E-04	4.29E-04	3.69E-04	1.88E-01	6.44E-02	4.65E-02	3.67E-06	3.53E-03	6.61E-03	9.44E-04	6.92E-04	1.16E-02	8.33E-03
2035-08-01	9	5.69E+00	4.38E-03	2.64E+01	5.89E-02	3.37E-03	3.79E-01	8.29E+00	2.77E-02	5.08E-04	4.33E-04	3.74E-04	1.90E-01	6.53E-02	4.65E-02	3.69E-06	3.57E-03	6.67E-03	9.55E-04	6.98E-04	1.17E-02	8.35E-03
2035-09-01	9	5.84E+00	4.49E-03	2.70E+01	5.97E-02	3.46E-03	3.84E-01	8.51E+00	2.78E-02	5.21E-04	4.44E-04	3.84E-04	1.95E-01	6.71E-02	4.65E-02	3.75E-06	3.67E-03	6.78E-03	9.81E-04	7.11E-04	1.20E-02	8.46E-03
2035-10-01	9	5.76E+00	4.43E-03	2.67E+01	5.93E-02	3.41E-03	3.81E-01	8.39E+00	2.78E-02	5.14E-04	4.38E-04	3.79E-04	1.92E-01	6.62E-02	4.65E-02	3.72E-06	3.62E-03	6.72E-03	9.67E-04	7.04E-04	1.19E-02	8.39E-03
2035-11-01	9	5.70E+00	4.38E-03	2.65E+01	5.90E-02	3.38E-03	3.79E-01	8.31E+00	2.77E-02	5.09E-04	4.34E-04	3.75E-04	1.90E-01	6.55E-02	4.65E-02	3.69E-06	3.59E-03	6.68E-03	9.58E-04	6.98E-04	1.18E-02	8.35E-03
2035-12-01	9	5.67E+00	4.36E-03	2.63E+01	5.89E-02	3.36E-03	3.78E-01	8.27E+00	2.77E-02	5.07E-04	4.32E-04	3.73E-04	1.89E-01	6.52E-02	4.65E-02	3.68E-06	3.57E-03	6.66E-03	9.53E-04	6.96E-04	1.17E-02	8.33E-03
2036-01-01	10	5.67E+00	4.36E-03	2.63E+01	5.89E-02	3.36E-03	3.78E-01	8.27E+00	2.77E-02	5.07E-04	4.32E-04	3.73E-04	1.89E-01	6.52E-02	4.65E-02	3.68E-06	3.57E-03	6.66E-03	9.52E-04	6.96E-04	1.17E-02	8.32E-03
2036-02-01	10	5.68E+00	4.36E-03	2.64E+01	5.89E-02	3.37E-03	3.78E-01	8.27E+00	2.77E-02	5.08E-04	4.32E-04	3.74E-04	1.89E-01	6.54E-02	4.65E-02	3.68E-06	3.58E-03	6.67E-03	9.53E-04	6.95E-04	1.17E-02	8.38E-03
2036-03-01	10	5.69E+00	4.36E-03	2.65E+01	5.90E-02	3.39E-03	3.78E-01	8.29E+00	2.77E-02	5.10E-04	4.32E-04	3.76E-04	1.88E-01	6.57E-02	4.65E-02	3.68E-06	3.59E-03	6.69E-03	9.55E-04	6.95E-04	1.18E-02	8.48E-03
2036-04-01	10	5.72E+00	4.36E-03	2.68E+01	5.96E-02	3.45E-03	3.76E-01	8.34E+00	2.78E-02	5.18E-04	4.34E-04	3.82E-04	1.87E-01	6.69E-02	4.65E-02	3.69E-06	3.66E-03	6.78E-03	9.62E-04	6.93E-04	1.20E-02	8.90E-03
2036-05-01	10	5.78E+00	4.33E-03	2.76E+01	6.07E-02	3.61E-03	3.69E-01	8.42E+00	2.78E-02	5.36E-04	4.34E-04	3.97E-04	1.80E-01	6.99E-02	4.66E-02	3.69E-06	3.82E-03	6.98E-03	9.72E-04	6.83E-04	1.24E-02	1.01E-02
2036-06-01	10	5.71E+00	4.25E-03	2.76E+01	6.07E-02	3.63E-03	3.64E-01	8.33E+00	2.78E-02	5.36E-04	4.28E-04	3.97E-04	1.74E-01	7.01E-02	4.66E-02	3.65E-06	3.83E-03	7.00E-03	9.62E-04	6.72E-04	1.24E-02	1.05E-02
2036-07-01	10	5.77E+00	4.28E-03	2.79E+01	6.11E-02	3.67E-03	3.65E-01	8.41E+00	2.79E-02	5.42E-04	4.31E-04	4.02E-04	1.75E-01	7.10E-02	4.66E-02	3.67E-06	3.87E-03	7.05E-03	9.71E-04	6.75E-04	1.25E-02	1.06E-02
2036-08-01	10	5.83E+00	4.32E-03	2.81E+01	6.15E-02	3.71E-03	3.66E-01	8.49E+00	2.79E-02	5.48E-04	4.35E-04	4.06E-04	1.77E-01	7.18E-02	4.66E-02	3.69E-06	3.92E-03	7.10E-03	9.81E-04	6.79E-04	1.26E-02	1.07E-02
2036-09-01	10	5.92E+00	4.38E-03	2.85E+01	6.19E-02	3.77E-03	3.69E-01	8.62E+00	2.79E-02	5.56E-04	4.42E-04	4.12E-04	1.79E-01	7.29E-02	4.66E-02	3.73E-06	3.98E-03	7.18E-03	9.96E-04	6.87E-04	1.28E-02	1.08E-02
2036-10-01	10	5.93E+00	4.39E-03	2.86E+01	6.20E-02	3.78E-03	3.69E-01	8.64E+00	2.79E-02	5.57E-04	4.43E-04	4.13E-04	1.80E-01	7.31E-02	4.66E-02	3.74E-06	3.99E-03	7.19E-03	9.98E-04	6.88E-04	1.28E-02	1.09E-02
2036-11-01	10	5.88E+00	4.35E-03	2.84E+01	6.18E-02	3.75E-03	3.68E-01	8.57E+00	2.79E-02	5.53E-04	4.39E-04	4.10E-04	1.78E-01	7.25E-02	4.66E-02	3.72E-06	3.96E-03	7.15E-03	9.90E-04	6.83E-04	1.27E-02	1.08E-02
2036-12-01	10	5.84E+00	4.32E-03	2.82E+01	6.15E-02	3.72E-03	3.66E-01	8.51E+00	2.79E-02	5.49E-04	4.36E-04	4.07E-04	1.77E-01	7.20E-02	4.66E-02	3.70E-06	3.93E-03	7.12E-03	9.83E-04	6.80E-04	1.27E-02	1.08E-02
2037-01-01	11	5.84E+00	4.32E-03	2.82E+01	6.15E-02	3.72E-03	3.66E-01	8.50E+00	2.79E-02	5.49E-04	4.36E-04	4.07E-04	1.77E-01	7.19E-02	4.66E-02	3.70E-06	3.92E-03	7.11E-03	9.82E-04	6.79E-04	1.26E-02	1.08E-02
2037-02-01	11	5.83E+00	4.32E-03	2.83E+01	6.16E-02	3.73E-03	3.66E-01	8.50E+00	2.79E-02	5.50E-04	4.36E-04	4.08E-04	1.77E-01	7.21E-02	4.66E-02	3.70E-06	3.93E-03	7.12E-03	9.83E-04	6.79E-04	1.27E-02	1.08E-02
2037-03-01	11	5.83E+00	4.33E-03	2.84E+01	6.17E-02	3.74E-03	3.66E-01	8.49E+00	2.79E-02	5.52E-04	4.37E-04	4.09E-04	1.77E-01	7.23E-02	4.66E-02	3.70E-06	3.95E-03	7.14E-03	9.85E-04	6.80E-04	1.27E-02	1.08E-02
2037-04-01	11	5.80E+00	4.33E-03	2.89E+01	6.21E-02	3.80E-03	3.65E-01	8.45E+00	2.80E-02	5.59E-04	4.37E-04	4.16E-04	1.76E-01	7.34E-02	4.66E-02	3.71E-						

Pond_2 30ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2041-01-01	15	5.66E+00	4.47E-03	3.88E+01	7.00E-02	4.97E-03	3.45E-01	8.21E+00	2.92E-02	7.27E-04	4.49E-04	5.57E-04	1.56E-01	9.56E-02	4.69E-02	3.76E-06	5.42E-03	8.46E-03	1.16E-03	6.75E-04	1.66E-02	1.54E-02
2041-02-01	15	5.67E+00	4.47E-03	3.89E+01	7.01E-02	4.98E-03	3.45E-01	8.22E+00	2.92E-02	7.29E-04	4.49E-04	5.58E-04	1.56E-01	9.58E-02	4.69E-02	3.76E-06	5.43E-03	8.48E-03	1.17E-03	6.75E-04	1.66E-02	1.54E-02
2041-03-01	15	5.68E+00	4.48E-03	3.90E+01	7.03E-02	5.00E-03	3.45E-01	8.24E+00	2.92E-02	7.31E-04	4.49E-04	5.60E-04	1.56E-01	9.62E-02	4.69E-02	3.76E-06	5.45E-03	8.50E-03	1.17E-03	6.76E-04	1.67E-02	1.54E-02
2041-04-01	15	5.73E+00	4.50E-03	3.92E+01	7.08E-02	5.07E-03	3.45E-01	8.31E+00	2.92E-02	7.42E-04	4.48E-04	5.69E-04	1.56E-01	9.76E-02	4.70E-02	3.75E-06	5.54E-03	8.59E-03	1.18E-03	6.77E-04	1.69E-02	1.54E-02
2041-05-01	15	5.80E+00	4.53E-03	3.96E+01	7.19E-02	5.22E-03	3.43E-01	8.41E+00	2.94E-02	7.63E-04	4.42E-04	5.85E-04	1.53E-01	1.00E-01	4.70E-02	3.72E-06	5.72E-03	8.76E-03	1.20E-03	6.77E-04	1.74E-02	1.52E-02
2041-06-01	15	5.74E+00	4.47E-03	3.92E+01	7.17E-02	5.20E-03	3.40E-01	8.33E+00	2.94E-02	7.60E-04	4.34E-04	5.83E-04	1.50E-01	1.00E-01	4.70E-02	3.67E-06	5.70E-03	8.74E-03	1.19E-03	6.70E-04	1.74E-02	1.50E-02
2041-07-01	15	5.80E+00	4.51E-03	3.95E+01	7.21E-02	5.26E-03	3.41E-01	8.40E+00	2.94E-02	7.68E-04	4.37E-04	5.89E-04	1.52E-01	1.01E-01	4.70E-02	3.69E-06	5.76E-03	8.80E-03	1.20E-03	6.74E-04	1.75E-02	1.50E-02
2041-08-01	15	5.85E+00	4.55E-03	3.98E+01	7.25E-02	5.31E-03	3.42E-01	8.48E+00	2.94E-02	7.74E-04	4.41E-04	5.95E-04	1.53E-01	1.02E-01	4.70E-02	3.71E-06	5.81E-03	8.86E-03	1.21E-03	6.79E-04	1.77E-02	1.51E-02
2041-09-01	15	5.90E+00	4.58E-03	4.01E+01	7.29E-02	5.35E-03	3.43E-01	8.55E+00	2.95E-02	7.81E-04	4.44E-04	5.99E-04	1.54E-01	1.03E-01	4.70E-02	3.73E-06	5.86E-03	8.91E-03	1.22E-03	6.82E-04	1.78E-02	1.52E-02
2041-10-01	15	5.89E+00	4.58E-03	4.01E+01	7.28E-02	5.34E-03	3.43E-01	8.54E+00	2.95E-02	7.80E-04	4.43E-04	5.99E-04	1.54E-01	1.03E-01	4.70E-02	3.73E-06	5.86E-03	8.91E-03	1.22E-03	6.82E-04	1.78E-02	1.52E-02
2041-11-01	15	5.89E+00	4.58E-03	4.01E+01	7.28E-02	5.34E-03	3.43E-01	8.54E+00	2.95E-02	7.80E-04	4.43E-04	5.99E-04	1.54E-01	1.03E-01	4.70E-02	3.72E-06	5.85E-03	8.90E-03	1.22E-03	6.82E-04	1.78E-02	1.52E-02
2041-12-01	15	5.98E+00	4.64E-03	4.06E+01	7.35E-02	5.42E-03	3.45E-01	8.66E+00	2.95E-02	7.91E-04	4.50E-04	6.07E-04	1.56E-01	1.05E-01	4.71E-02	3.76E-06	5.94E-03	9.00E-03	1.24E-03	6.89E-04	1.80E-02	1.54E-02
2042-01-01	16	5.96E+00	4.63E-03	4.05E+01	7.33E-02	5.41E-03	3.45E-01	8.64E+00	2.95E-02	7.89E-04	4.48E-04	6.06E-04	1.56E-01	1.04E-01	4.70E-02	3.75E-06	5.93E-03	8.98E-03	1.24E-03	6.87E-04	1.80E-02	1.53E-02
2042-02-01	16	5.96E+00	4.63E-03	4.06E+01	7.34E-02	5.42E-03	3.45E-01	8.64E+00	2.95E-02	7.91E-04	4.48E-04	6.07E-04	1.56E-01	1.04E-01	4.71E-02	3.75E-06	5.94E-03	8.99E-03	1.24E-03	6.88E-04	1.80E-02	1.53E-02
2042-03-01	16	5.97E+00	4.64E-03	4.08E+01	7.36E-02	5.44E-03	3.45E-01	8.65E+00	2.96E-02	7.94E-04	4.48E-04	6.10E-04	1.56E-01	1.05E-01	4.71E-02	3.75E-06	5.97E-03	9.01E-03	1.24E-03	6.89E-04	1.81E-02	1.53E-02
2042-04-01	16	5.99E+00	4.66E-03	4.13E+01	7.41E-02	5.52E-03	3.44E-01	8.68E+00	2.97E-02	8.07E-04	4.48E-04	6.22E-04	1.55E-01	1.06E-01	4.71E-02	3.75E-06	6.08E-03	9.09E-03	1.26E-03	6.91E-04	1.84E-02	1.53E-02
2042-05-01	16	5.98E+00	4.69E-03	4.24E+01	7.50E-02	5.68E-03	3.42E-01	8.66E+00	3.00E-02	8.35E-04	4.42E-04	6.47E-04	1.53E-01	1.10E-01	4.71E-02	3.72E-06	6.31E-03	9.22E-03	1.29E-03	6.92E-04	1.90E-02	1.52E-02
2042-06-01	16	5.89E+00	4.63E-03	4.22E+01	7.46E-02	5.65E-03	3.39E-01	8.52E+00	3.00E-02	8.32E-04	4.34E-04	6.47E-04	1.50E-01	1.09E-01	4.71E-02	3.67E-06	6.30E-03	9.17E-03	1.28E-03	6.85E-04	1.90E-02	1.49E-02
2042-07-01	16	5.94E+00	4.67E-03	4.26E+01	7.51E-02	5.71E-03	3.40E-01	8.59E+00	3.00E-02	8.41E-04	4.37E-04	6.54E-04	1.51E-01	1.10E-01	4.71E-02	3.69E-06	6.37E-03	9.23E-03	1.29E-03	6.90E-04	1.91E-02	1.50E-02
2042-08-01	16	5.99E+00	4.71E-03	4.29E+01	7.55E-02	5.77E-03	3.42E-01	8.67E+00	3.01E-02	8.49E-04	4.41E-04	6.60E-04	1.53E-01	1.11E-01	4.71E-02	3.71E-06	6.43E-03	9.30E-03	1.31E-03	6.94E-04	1.93E-02	1.51E-02
2042-09-01	16	6.04E+00	4.74E-03	4.33E+01	7.59E-02	5.81E-03	3.43E-01	8.74E+00	3.01E-02	8.55E-04	4.44E-04	6.65E-04	1.54E-01	1.12E-01	4.71E-02	3.73E-06	6.49E-03	9.35E-03	1.32E-03	6.98E-04	1.95E-02	1.52E-02
2042-10-01	16	6.03E+00	4.74E-03	4.32E+01	7.58E-02	5.81E-03	3.43E-01	8.73E+00	3.01E-02	8.55E-04	4.44E-04	6.65E-04	1.54E-01	1.12E-01	4.71E-02	3.73E-06	6.48E-03	9.35E-03	1.32E-03	6.98E-04	1.94E-02	1.52E-02
2042-11-01	16	6.03E+00	4.74E-03	4.32E+01	7.58E-02	5.81E-03	3.43E-01	8.73E+00	3.01E-02	8.55E-04	4.43E-04	6.65E-04	1.54E-01	1.12E-01	4.71E-02	3.73E-06	6.48E-03	9.34E-03	1.32E-03	6.97E-04	1.94E-02	1.52E-02
2042-12-01	16	6.11E+00	4.79E-03	4.37E+01	7.64E-02	5.88E-03	3.45E-01	8.84E+00	3.02E-02	8.65E-04	4.49E-04	6.73E-04	1.56E-01	1.13E-01	4.72E-02	3.76E-06	6.56E-03	9.43E-03	1.33E-03	7.04E-04	1.97E-02	1.53E-02
2043-01-01	17	6.09E+00	4.78E-03	4.36E+01	7.63E-02	5.87E-03	3.44E-01	8.82E+00	3.02E-02	8.63E-04	4.48E-04	6.71E-04	1.55E-01	1.13E-01	4.72E-02</							

Pond_2 30ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2046-10-01	20	7.11E+00	5.38E-03	5.13E+01	8.86E-02	7.59E-03	3.41E-01	1.03E+01	3.19E-02	1.11E-03	4.44E-04	8.77E-04	1.52E-01	1.46E-01	4.76E-02	3.73E-06	8.60E-03	1.13E-02	1.63E-03	7.52E-04	2.51E-02	1.50E-02
2046-11-01	20	7.11E+00	5.37E-03	5.12E+01	8.85E-02	7.58E-03	3.41E-01	1.03E+01	3.19E-02	1.11E-03	4.44E-04	8.76E-04	1.52E-01	1.46E-01	4.76E-02	3.73E-06	8.59E-03	1.13E-02	1.63E-03	7.51E-04	2.51E-02	1.50E-02
2046-12-01	20	7.19E+00	5.44E-03	5.18E+01	8.93E-02	7.68E-03	3.43E-01	1.04E+01	3.19E-02	1.12E-03	4.49E-04	8.87E-04	1.54E-01	1.48E-01	4.76E-02	3.76E-06	8.70E-03	1.14E-02	1.65E-03	7.58E-04	2.54E-02	1.51E-02
2047-01-01	21	7.18E+00	5.43E-03	5.18E+01	8.92E-02	7.66E-03	3.43E-01	1.04E+01	3.19E-02	1.12E-03	4.48E-04	8.86E-04	1.54E-01	1.47E-01	4.76E-02	3.75E-06	8.68E-03	1.14E-02	1.64E-03	7.57E-04	2.54E-02	1.51E-02
2047-02-01	21	7.19E+00	5.43E-03	5.18E+01	8.93E-02	7.68E-03	3.43E-01	1.04E+01	3.19E-02	1.12E-03	4.48E-04	8.87E-04	1.54E-01	1.48E-01	4.76E-02	3.75E-06	8.70E-03	1.14E-02	1.65E-03	7.57E-04	2.54E-02	1.51E-02
2047-03-01	21	7.20E+00	5.44E-03	5.19E+01	8.94E-02	7.70E-03	3.43E-01	1.04E+01	3.20E-02	1.12E-03	4.48E-04	8.89E-04	1.54E-01	1.48E-01	4.76E-02	3.75E-06	8.72E-03	1.15E-02	1.65E-03	7.58E-04	2.55E-02	1.51E-02
2047-04-01	21	7.25E+00	5.47E-03	5.22E+01	9.01E-02	7.78E-03	3.42E-01	1.05E+01	3.20E-02	1.13E-03	4.48E-04	8.98E-04	1.54E-01	1.49E-01	4.77E-02	3.75E-06	8.81E-03	1.16E-02	1.66E-03	7.60E-04	2.57E-02	1.51E-02
2047-05-01	21	7.30E+00	5.49E-03	5.24E+01	9.10E-02	7.91E-03	3.40E-01	1.06E+01	3.21E-02	1.15E-03	4.42E-04	9.10E-04	1.52E-01	1.52E-01	4.77E-02	3.71E-06	8.94E-03	1.17E-02	1.68E-03	7.59E-04	2.61E-02	1.49E-02
2047-06-01	21	7.22E+00	5.43E-03	5.19E+01	9.06E-02	7.86E-03	3.37E-01	1.04E+01	3.20E-02	1.14E-03	4.34E-04	9.03E-04	1.49E-01	1.51E-01	4.77E-02	3.67E-06	8.87E-03	1.17E-02	1.66E-03	7.51E-04	2.59E-02	1.48E-02
2047-07-01	21	7.29E+00	5.48E-03	5.24E+01	9.12E-02	7.94E-03	3.39E-01	1.06E+01	3.21E-02	1.15E-03	4.38E-04	9.12E-04	1.50E-01	1.52E-01	4.77E-02	3.69E-06	8.96E-03	1.18E-02	1.68E-03	7.56E-04	2.61E-02	1.48E-02
2047-08-01	21	7.36E+00	5.52E-03	5.28E+01	9.18E-02	8.01E-03	3.40E-01	1.06E+01	3.21E-02	1.16E-03	4.41E-04	9.20E-04	1.51E-01	1.54E-01	4.77E-02	3.71E-06	9.04E-03	1.18E-02	1.69E-03	7.61E-04	2.63E-02	1.49E-02
2047-09-01	21	7.41E+00	5.56E-03	5.32E+01	9.23E-02	8.07E-03	3.41E-01	1.07E+01	3.22E-02	1.17E-03	4.44E-04	9.27E-04	1.52E-01	1.55E-01	4.77E-02	3.73E-06	9.11E-03	1.19E-02	1.71E-03	7.65E-04	2.65E-02	1.50E-02
2047-10-01	21	7.40E+00	5.56E-03	5.31E+01	9.22E-02	8.06E-03	3.41E-01	1.07E+01	3.22E-02	1.17E-03	4.44E-04	9.26E-04	1.52E-01	1.55E-01	4.77E-02	3.73E-06	9.10E-03	1.19E-02	1.70E-03	7.64E-04	2.65E-02	1.50E-02
2047-11-01	21	7.40E+00	5.55E-03	5.31E+01	9.21E-02	8.05E-03	3.41E-01	1.07E+01	3.22E-02	1.17E-03	4.44E-04	9.25E-04	1.52E-01	1.55E-01	4.77E-02	3.73E-06	9.09E-03	1.19E-02	1.70E-03	7.64E-04	2.65E-02	1.50E-02
2047-12-01	21	7.50E+00	5.62E-03	5.37E+01	9.30E-02	8.16E-03	3.43E-01	1.08E+01	3.23E-02	1.18E-03	4.49E-04	9.37E-04	1.54E-01	1.57E-01	4.78E-02	3.76E-06	9.21E-03	1.20E-02	1.73E-03	7.71E-04	2.68E-02	1.51E-02
2048-01-01	22	7.48E+00	5.61E-03	5.36E+01	9.28E-02	8.14E-03	3.42E-01	1.08E+01	3.23E-02	1.18E-03	4.48E-04	9.36E-04	1.54E-01	1.56E-01	4.78E-02	3.75E-06	9.19E-03	1.20E-02	1.72E-03	7.70E-04	2.68E-02	1.51E-02
2048-02-01	22	7.49E+00	5.61E-03	5.36E+01	9.29E-02	8.16E-03	3.42E-01	1.08E+01	3.23E-02	1.18E-03	4.48E-04	9.37E-04	1.54E-01	1.56E-01	4.78E-02	3.75E-06	9.21E-03	1.20E-02	1.72E-03	7.71E-04	2.68E-02	1.51E-02
2048-03-01	22	7.50E+00	5.62E-03	5.37E+01	9.31E-02	8.18E-03	3.42E-01	1.08E+01	3.23E-02	1.19E-03	4.48E-04	9.39E-04	1.54E-01	1.57E-01	4.78E-02	3.75E-06	9.23E-03	1.20E-02	1.73E-03	7.71E-04	2.68E-02	1.51E-02
2048-04-01	22	7.53E+00	5.65E-03	5.40E+01	9.37E-02	8.25E-03	3.42E-01	1.09E+01	3.23E-02	1.19E-03	4.48E-04	9.45E-04	1.54E-01	1.58E-01	4.78E-02	3.75E-06	9.30E-03	1.21E-02	1.74E-03	7.73E-04	2.70E-02	1.51E-02
2048-05-01	22	7.53E+00	5.66E-03	5.41E+01	9.46E-02	8.36E-03	3.40E-01	1.09E+01	3.23E-02	1.20E-03	4.42E-04	9.53E-04	1.51E-01	1.60E-01	4.78E-02	3.71E-06	9.39E-03	1.23E-02	1.75E-03	7.70E-04	2.73E-02	1.49E-02
2048-06-01	22	7.45E+00	5.60E-03	5.36E+01	9.42E-02	8.30E-03	3.37E-01	1.08E+01	3.22E-02	1.19E-03	4.34E-04	9.44E-04	1.49E-01	1.59E-01	4.78E-02	3.67E-06	9.30E-03	1.22E-02	1.73E-03	7.62E-04	2.70E-02	1.47E-02
2048-07-01	22	7.52E+00	5.65E-03	5.41E+01	9.48E-02	8.39E-03	3.38E-01	1.09E+01	3.23E-02	1.21E-03	4.38E-04	9.54E-04	1.50E-01	1.61E-01	4.78E-02	3.69E-06	9.40E-03	1.23E-02	1.75E-03	7.68E-04	2.73E-02	1.48E-02
2048-08-01	22	7.58E+00	5.69E-03	5.45E+01	9.54E-02	8.46E-03	3.40E-01	1.10E+01	3.23E-02	1.22E-03	4.42E-04	9.61E-04	1.51E-01	1.62E-01	4.78E-02	3.71E-06	9.48E-03	1.24E-02	1.76E-03	7.72E-04	2.75E-02	1.49E-02
2048-09-01	22	7.64E+00	5.74E-03	5.49E+01	9.59E-02	8.52E-03	3.41E-01	1.11E+01	3.24E-02	1.23E-03	4.45E-04	9.69E-04	1.52E-01	1.63E-01	4.79E-02	3.73E-06	9.55E-03	1.25E-02	1.77E-03	7.77E-04	2.77E-02	1.50E-02
2048-10-01	22	7.63E+00	5.73E-03	5.48E+01	9.58E-02	8.51E-03	3.40E-01	1.10E+01	3.24E-02	1.22E-03	4.44E-04	9.67E-04	1.52E-01	1.63E-01	4.79E-02</							

Pond_2 30ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2052-07-01	26	8.59E+00	6.25E-03	5.81E+01	1.08E-01	9.91E-03	3.37E-01	1.24E+01	3.25E-02	1.38E-03	4.39E-04	1.08E-03	1.49E-01	1.89E-01	4.83E-02	3.70E-06	1.08E-02	1.45E-02	1.96E-03	8.04E-04	3.12E-02	1.47E-02
2052-08-01	26	8.65E+00	6.29E-03	5.85E+01	1.08E-01	9.98E-03	3.38E-01	1.25E+01	3.26E-02	1.39E-03	4.42E-04	1.09E-03	1.50E-01	1.90E-01	4.83E-02	3.72E-06	1.09E-02	1.45E-02	1.97E-03	8.08E-04	3.14E-02	1.48E-02
2052-09-01	26	8.71E+00	6.33E-03	5.89E+01	1.09E-01	1.00E-02	3.39E-01	1.26E+01	3.26E-02	1.40E-03	4.45E-04	1.09E-03	1.51E-01	1.91E-01	4.83E-02	3.73E-06	1.09E-02	1.46E-02	1.98E-03	8.12E-04	3.16E-02	1.49E-02
2052-10-01	26	8.69E+00	6.32E-03	5.87E+01	1.09E-01	1.00E-02	3.39E-01	1.26E+01	3.26E-02	1.40E-03	4.44E-04	1.09E-03	1.51E-01	1.91E-01	4.83E-02	3.73E-06	1.09E-02	1.46E-02	1.98E-03	8.11E-04	3.15E-02	1.48E-02
2052-11-01	26	8.68E+00	6.31E-03	5.87E+01	1.09E-01	1.00E-02	3.39E-01	1.26E+01	3.26E-02	1.39E-03	4.44E-04	1.09E-03	1.51E-01	1.90E-01	4.83E-02	3.72E-06	1.09E-02	1.46E-02	1.98E-03	8.10E-04	3.15E-02	1.48E-02
2052-12-01	26	8.77E+00	6.37E-03	5.92E+01	1.09E-01	1.01E-02	3.40E-01	1.27E+01	3.27E-02	1.41E-03	4.48E-04	1.10E-03	1.52E-01	1.92E-01	4.83E-02	3.75E-06	1.10E-02	1.47E-02	2.00E-03	8.16E-04	3.18E-02	1.49E-02
2053-01-01	27	8.77E+00	6.37E-03	5.92E+01	1.09E-01	1.01E-02	3.40E-01	1.27E+01	3.27E-02	1.41E-03	4.48E-04	1.10E-03	1.52E-01	1.92E-01	4.83E-02	3.75E-06	1.10E-02	1.47E-02	2.00E-03	8.16E-04	3.18E-02	1.49E-02
2053-02-01	27	8.77E+00	6.37E-03	5.92E+01	1.10E-01	1.01E-02	3.40E-01	1.27E+01	3.27E-02	1.41E-03	4.48E-04	1.10E-03	1.52E-01	1.92E-01	4.83E-02	3.75E-06	1.10E-02	1.47E-02	2.00E-03	8.17E-04	3.18E-02	1.49E-02
2053-03-01	27	8.78E+00	6.38E-03	5.93E+01	1.10E-01	1.01E-02	3.40E-01	1.27E+01	3.27E-02	1.41E-03	4.48E-04	1.10E-03	1.52E-01	1.93E-01	4.83E-02	3.75E-06	1.10E-02	1.47E-02	2.00E-03	8.17E-04	3.18E-02	1.49E-02
2053-04-01	27	8.79E+00	6.38E-03	5.94E+01	1.10E-01	1.01E-02	3.40E-01	1.27E+01	3.27E-02	1.42E-03	4.48E-04	1.11E-03	1.52E-01	1.93E-01	4.83E-02	3.75E-06	1.11E-02	1.48E-02	2.00E-03	8.17E-04	3.19E-02	1.49E-02
2053-05-01	27	8.70E+00	6.32E-03	5.90E+01	1.09E-01	1.01E-02	3.38E-01	1.26E+01	3.27E-02	1.41E-03	4.41E-04	1.10E-03	1.49E-01	1.92E-01	4.83E-02	3.71E-06	1.10E-02	1.47E-02	1.99E-03	8.11E-04	3.18E-02	1.47E-02
2053-06-01	27	8.61E+00	6.25E-03	5.85E+01	1.08E-01	9.99E-03	3.36E-01	1.24E+01	3.26E-02	1.39E-03	4.35E-04	1.09E-03	1.47E-01	1.90E-01	4.83E-02	3.68E-06	1.09E-02	1.45E-02	1.97E-03	8.03E-04	3.15E-02	1.46E-02
2053-07-01	27	8.69E+00	6.31E-03	5.90E+01	1.09E-01	1.01E-02	3.37E-01	1.26E+01	3.27E-02	1.41E-03	4.39E-04	1.10E-03	1.49E-01	1.92E-01	4.83E-02	3.70E-06	1.10E-02	1.47E-02	1.99E-03	8.10E-04	3.18E-02	1.47E-02
2053-08-01	27	8.75E+00	6.35E-03	5.94E+01	1.10E-01	1.01E-02	3.38E-01	1.27E+01	3.28E-02	1.42E-03	4.42E-04	1.11E-03	1.50E-01	1.93E-01	4.83E-02	3.72E-06	1.11E-02	1.48E-02	2.00E-03	8.14E-04	3.20E-02	1.48E-02
2053-09-01	27	8.81E+00	6.39E-03	5.98E+01	1.10E-01	1.02E-02	3.39E-01	1.27E+01	3.28E-02	1.43E-03	4.45E-04	1.12E-03	1.51E-01	1.95E-01	4.84E-02	3.73E-06	1.12E-02	1.48E-02	2.02E-03	8.18E-04	3.22E-02	1.48E-02
2053-10-01	27	8.79E+00	6.38E-03	5.97E+01	1.10E-01	1.02E-02	3.39E-01	1.27E+01	3.28E-02	1.43E-03	4.44E-04	1.12E-03	1.50E-01	1.94E-01	4.83E-02	3.73E-06	1.12E-02	1.48E-02	2.01E-03	8.17E-04	3.22E-02	1.48E-02
2053-11-01	27	8.78E+00	6.37E-03	5.96E+01	1.10E-01	1.02E-02	3.38E-01	1.27E+01	3.28E-02	1.42E-03	4.44E-04	1.11E-03	1.50E-01	1.94E-01	4.83E-02	3.73E-06	1.11E-02	1.48E-02	2.01E-03	8.16E-04	3.21E-02	1.48E-02
2053-12-01	27	8.86E+00	6.43E-03	6.01E+01	1.11E-01	1.03E-02	3.40E-01	1.28E+01	3.29E-02	1.44E-03	4.48E-04	1.12E-03	1.52E-01	1.96E-01	4.84E-02	3.75E-06	1.12E-02	1.49E-02	2.03E-03	8.22E-04	3.24E-02	1.49E-02
2054-01-01	28	8.87E+00	6.43E-03	6.02E+01	1.11E-01	1.03E-02	3.40E-01	1.28E+01	3.29E-02	1.44E-03	4.48E-04	1.12E-03	1.52E-01	1.96E-01	4.84E-02	3.75E-06	1.13E-02	1.49E-02	2.03E-03	8.22E-04	3.24E-02	1.49E-02
2054-02-01	28	8.87E+00	6.44E-03	6.02E+01	1.11E-01	1.03E-02	3.40E-01	1.28E+01	3.29E-02	1.44E-03	4.48E-04	1.13E-03	1.52E-01	1.96E-01	4.84E-02	3.75E-06	1.13E-02	1.49E-02	2.03E-03	8.22E-04	3.24E-02	1.49E-02
2054-03-01	28	8.88E+00	6.44E-03	6.02E+01	1.11E-01	1.03E-02	3.40E-01	1.28E+01	3.29E-02	1.44E-03	4.48E-04	1.13E-03	1.52E-01	1.96E-01	4.84E-02	3.75E-06	1.13E-02	1.49E-02	2.03E-03	8.22E-04	3.25E-02	1.49E-02
2054-04-01	28	8.88E+00	6.44E-03	6.03E+01	1.11E-01	1.03E-02	3.40E-01	1.28E+01	3.29E-02	1.44E-03	4.48E-04	1.13E-03	1.52E-01	1.96E-01	4.84E-02	3.75E-06	1.13E-02	1.50E-02	2.03E-03	8.23E-04	3.25E-02	1.49E-02
2054-05-01	28	8.76E+00	6.36E-03	5.99E+01	1.10E-01	1.02E-02	3.37E-01	1.27E+01	3.29E-02	1.43E-03	4.41E-04	1.12E-03	1.49E-01	1.95E-01	4.84E-02	3.71E-06	1.12E-02	1.48E-02	2.01E-03	8.15E-04	3.23E-02	1.47E-02
2054-06-01	28	8.66E+00	6.29E-03	5.93E+01	1.09E-01	1.01E-02	3.35E-01	1.25E+01	3.28E-02	1.42E-03	4.35E-04	1.11E-03	1.47E-01	1.93E-01	4.83E-02	3.68E-06	1.11E-02	1.47E-02	1.99E-03	8.08E-04	3.20E-02	1.46E-02
2054-07-01	28	8.75E+00	6.35E-03	5.98E+01	1.10E-01	1.02E-02	3.37E-01	1.26E+01	3.29E-02	1.43E-03	4.40E-04	1.12E-03	1.48E-01	1.94E-01	4.84E-02	3.70.						

Pond_2 30ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2058-04-01	32	1.85E+00	4.64E-03	4.70E+01	4.21E-02	2.43E-03	4.37E-01	2.68E+00	3.36E-02	6.36E-04	4.11E-04	6.03E-04	2.48E-01	5.41E-02	4.61E-02	3.60E-06	4.68E-03	3.24E-03	1.24E-03	8.49E-04	1.45E-02	2.63E-02
2058-05-01	32	1.84E+00	4.60E-03	4.59E+01	4.18E-02	2.34E-03	4.36E-01	2.68E+00	3.32E-02	6.15E-04	4.10E-04	5.81E-04	2.47E-01	5.21E-02	4.61E-02	3.59E-06	4.50E-03	3.22E-03	1.21E-03	8.42E-04	1.41E-02	2.62E-02
2058-06-01	32	1.84E+00	4.56E-03	4.50E+01	4.15E-02	2.27E-03	4.35E-01	2.68E+00	3.30E-02	5.98E-04	4.09E-04	5.63E-04	2.46E-01	5.06E-02	4.61E-02	3.59E-06	4.36E-03	3.21E-03	1.19E-03	8.36E-04	1.37E-02	2.61E-02
2058-07-01	32	1.85E+00	4.58E-03	4.50E+01	4.15E-02	2.26E-03	4.37E-01	2.69E+00	3.30E-02	5.96E-04	4.12E-04	5.61E-04	2.47E-01	5.04E-02	4.60E-02	3.60E-06	4.34E-03	3.21E-03	1.19E-03	8.39E-04	1.36E-02	2.62E-02
2058-08-01	32	1.87E+00	4.61E-03	4.52E+01	4.16E-02	2.27E-03	4.38E-01	2.71E+00	3.30E-02	5.98E-04	4.14E-04	5.63E-04	2.49E-01	5.06E-02	4.61E-02	3.62E-06	4.36E-03	3.21E-03	1.19E-03	8.43E-04	1.37E-02	2.64E-02
2058-09-01	32	1.88E+00	4.64E-03	4.55E+01	4.17E-02	2.28E-03	4.40E-01	2.73E+00	3.30E-02	6.01E-04	4.17E-04	5.66E-04	2.51E-01	5.08E-02	4.61E-02	3.64E-06	4.38E-03	3.21E-03	1.20E-03	8.47E-04	1.37E-02	2.65E-02
2058-10-01	32	1.87E+00	4.61E-03	4.52E+01	4.16E-02	2.27E-03	4.38E-01	2.72E+00	3.30E-02	5.97E-04	4.15E-04	5.62E-04	2.49E-01	5.05E-02	4.61E-02	3.62E-06	4.35E-03	3.21E-03	1.19E-03	8.43E-04	1.37E-02	2.64E-02
2058-11-01	32	1.86E+00	4.58E-03	4.48E+01	4.15E-02	2.25E-03	4.37E-01	2.70E+00	3.29E-02	5.92E-04	4.12E-04	5.57E-04	2.47E-01	5.01E-02	4.60E-02	3.61E-06	4.31E-03	3.20E-03	1.18E-03	8.38E-04	1.36E-02	2.62E-02
2058-12-01	32	1.85E+00	4.55E-03	4.46E+01	4.14E-02	2.24E-03	4.35E-01	2.69E+00	3.29E-02	5.89E-04	4.10E-04	5.55E-04	2.46E-01	4.98E-02	4.60E-02	3.60E-06	4.29E-03	3.20E-03	1.18E-03	8.34E-04	1.35E-02	2.61E-02
2059-01-01	33	1.85E+00	4.55E-03	4.46E+01	4.14E-02	2.23E-03	4.35E-01	2.69E+00	3.29E-02	5.89E-04	4.10E-04	5.54E-04	2.46E-01	4.98E-02	4.60E-02	3.59E-06	4.29E-03	3.20E-03	1.17E-03	8.34E-04	1.35E-02	2.61E-02
2059-02-01	33	1.85E+00	4.55E-03	4.46E+01	4.14E-02	2.23E-03	4.35E-01	2.69E+00	3.29E-02	5.88E-04	4.10E-04	5.54E-04	2.46E-01	4.98E-02	4.60E-02	3.60E-06	4.28E-03	3.20E-03	1.17E-03	8.34E-04	1.35E-02	2.61E-02
2059-03-01	33	1.85E+00	4.55E-03	4.45E+01	4.14E-02	2.23E-03	4.35E-01	2.69E+00	3.29E-02	5.88E-04	4.10E-04	5.53E-04	2.46E-01	4.97E-02	4.60E-02	3.60E-06	4.28E-03	3.20E-03	1.17E-03	8.34E-04	1.35E-02	2.61E-02
2059-04-01	33	1.86E+00	4.56E-03	4.44E+01	4.14E-02	2.21E-03	4.36E-01	2.70E+00	3.28E-02	5.84E-04	4.11E-04	5.49E-04	2.46E-01	4.94E-02	4.60E-02	3.60E-06	4.24E-03	3.20E-03	1.17E-03	8.35E-04	1.34E-02	2.62E-02
2059-05-01	33	1.85E+00	4.52E-03	4.33E+01	4.11E-02	2.12E-03	4.35E-01	2.70E+00	3.25E-02	5.63E-04	4.10E-04	5.27E-04	2.45E-01	4.74E-02	4.60E-02	3.60E-06	4.06E-03	3.18E-03	1.14E-03	8.28E-04	1.29E-02	2.61E-02
2059-06-01	33	1.85E+00	4.49E-03	4.24E+01	4.09E-02	2.05E-03	4.34E-01	2.70E+00	3.22E-02	5.46E-04	4.09E-04	5.10E-04	2.45E-01	4.59E-02	4.60E-02	3.59E-06	3.92E-03	3.16E-03	1.12E-03	8.22E-04	1.25E-02	2.60E-02
2059-07-01	33	1.86E+00	4.50E-03	4.24E+01	4.08E-02	2.04E-03	4.35E-01	2.71E+00	3.22E-02	5.44E-04	4.12E-04	5.07E-04	2.46E-01	4.57E-02	4.60E-02	3.61E-06	3.91E-03	3.16E-03	1.12E-03	8.25E-04	1.25E-02	2.61E-02
2059-08-01	33	1.88E+00	4.53E-03	4.26E+01	4.09E-02	2.05E-03	4.37E-01	2.73E+00	3.22E-02	5.45E-04	4.15E-04	5.09E-04	2.48E-01	4.58E-02	4.60E-02	3.62E-06	3.92E-03	3.16E-03	1.12E-03	8.29E-04	1.25E-02	2.63E-02
2059-09-01	33	1.89E+00	4.56E-03	4.28E+01	4.10E-02	2.06E-03	4.39E-01	2.75E+00	3.23E-02	5.48E-04	4.17E-04	5.11E-04	2.49E-01	4.61E-02	4.60E-02	3.64E-06	3.94E-03	3.17E-03	1.13E-03	8.33E-04	1.26E-02	2.64E-02
2059-10-01	33	1.88E+00	4.53E-03	4.25E+01	4.09E-02	2.04E-03	4.37E-01	2.74E+00	3.22E-02	5.44E-04	4.15E-04	5.08E-04	2.48E-01	4.57E-02	4.60E-02	3.62E-06	3.91E-03	3.16E-03	1.12E-03	8.28E-04	1.25E-02	2.63E-02
2059-11-01	33	1.87E+00	4.50E-03	4.22E+01	4.08E-02	2.03E-03	4.35E-01	2.72E+00	3.22E-02	5.40E-04	4.12E-04	5.04E-04	2.46E-01	4.54E-02	4.60E-02	3.61E-06	3.87E-03	3.16E-03	1.11E-03	8.23E-04	1.24E-02	2.61E-02
2059-12-01	33	1.86E+00	4.48E-03	4.20E+01	4.07E-02	2.02E-03	4.34E-01	2.71E+00	3.21E-02	5.37E-04	4.10E-04	5.01E-04	2.44E-01	4.52E-02	4.60E-02	3.60E-06	3.85E-03	3.15E-03	1.11E-03	8.20E-04	1.23E-02	2.60E-02
2060-01-01	34	1.86E+00	4.47E-03	4.20E+01	4.07E-02	2.02E-03	4.34E-01	2.71E+00	3.21E-02	5.37E-04	4.10E-04	5.01E-04	2.44E-01	4.51E-02	4.60E-02	3.60E-06	3.85E-03	3.15E-03	1.11E-03	8.20E-04	1.23E-02	2.60E-02
2060-02-01	34	1.86E+00	4.47E-03	4.20E+01	4.07E-02	2.01E-03	4.34E-01	2.71E+00	3.21E-02	5.37E-04	4.10E-04	5.00E-04	2.44E-01	4.51E-02	4.60E-02	3.60E-06	3.85E-03	3.15E-03	1.11E-03	8.20E-04	1.23E-02	2.60E-02
2060-03-01	34	1.86E+00	4.48E-03	4.20E+01	4.07E-02	2.01E-03	4.34E-01	2.71E+00	3.21E-02	5.36E-04	4.11E-04	5.00E-04	2.45E-01	4.50E-02	4.60E-02	3.60E-06	3.84E-03	3.15E-03	1.11E-03	8.20E-04	1.23E-02	2.60E-02
2060-04-01	34	1.87E+00	4.48E-03	4.18E+01	4.07E-02	1.99E-03	4.35E-01	2.72E+00	3.20E-02	5.32E-04	4.12E-04	4.95E-04	2.45E-01	4.47E-02	4.60E-02</							

Pond_ 2 30ppmTSS																						
Date	Mine Year	Potassium mg/L	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2064-01-01	38	1.89E+00	4.17E-03	3.19E+01	3.81E-02	1.17E-03	4.29E-01	2.79E+00	2.92E-02	3.35E-04	4.11E-04	2.92E-04	2.39E-01	2.69E-02	4.58E-02	3.60E-06	2.16E-03	2.97E-03	8.42E-04	7.65E-04	7.82E-03	2.56E-02
2064-02-01	38	1.90E+00	4.17E-03	3.19E+01	3.81E-02	1.17E-03	4.29E-01	2.79E+00	2.92E-02	3.35E-04	4.12E-04	2.92E-04	2.39E-01	2.69E-02	4.58E-02	3.60E-06	2.16E-03	2.97E-03	8.42E-04	7.65E-04	7.81E-03	2.56E-02
2064-03-01	38	1.90E+00	4.17E-03	3.18E+01	3.81E-02	1.16E-03	4.29E-01	2.79E+00	2.92E-02	3.34E-04	4.12E-04	2.91E-04	2.40E-01	2.68E-02	4.58E-02	3.60E-06	2.15E-03	2.97E-03	8.41E-04	7.65E-04	7.79E-03	2.56E-02
2064-04-01	38	1.90E+00	4.17E-03	3.17E+01	3.80E-02	1.14E-03	4.30E-01	2.80E+00	2.91E-02	3.29E-04	4.13E-04	2.86E-04	2.40E-01	2.64E-02	4.58E-02	3.61E-06	2.11E-03	2.97E-03	8.37E-04	7.65E-04	7.69E-03	2.56E-02
2064-05-01	38	1.90E+00	4.13E-03	3.06E+01	3.77E-02	1.06E-03	4.29E-01	2.79E+00	2.88E-02	3.09E-04	4.12E-04	2.66E-04	2.39E-01	2.46E-02	4.58E-02	3.60E-06	1.95E-03	2.95E-03	8.10E-04	7.59E-04	7.25E-03	2.55E-02
2064-06-01	38	1.89E+00	4.10E-03	2.98E+01	3.75E-02	9.90E-04	4.28E-01	2.79E+00	2.86E-02	2.94E-04	4.11E-04	2.50E-04	2.38E-01	2.32E-02	4.58E-02	3.60E-06	1.82E-03	2.93E-03	7.89E-04	7.54E-04	6.91E-03	2.55E-02
2064-07-01	38	1.91E+00	4.12E-03	2.97E+01	3.75E-02	9.75E-04	4.29E-01	2.81E+00	2.85E-02	2.91E-04	4.13E-04	2.46E-04	2.40E-01	2.29E-02	4.58E-02	3.61E-06	1.79E-03	2.93E-03	7.87E-04	7.56E-04	6.83E-03	2.56E-02
2064-08-01	38	1.92E+00	4.14E-03	2.98E+01	3.75E-02	9.74E-04	4.31E-01	2.83E+00	2.85E-02	2.90E-04	4.16E-04	2.46E-04	2.41E-01	2.29E-02	4.58E-02	3.63E-06	1.78E-03	2.93E-03	7.90E-04	7.59E-04	6.83E-03	2.58E-02
2064-09-01	38	1.93E+00	4.17E-03	3.00E+01	3.76E-02	9.78E-04	4.33E-01	2.85E+00	2.85E-02	2.91E-04	4.19E-04	2.47E-04	2.43E-01	2.30E-02	4.58E-02	3.64E-06	1.79E-03	2.94E-03	7.95E-04	7.63E-04	6.85E-03	2.59E-02
2064-10-01	38	1.92E+00	4.14E-03	2.98E+01	3.75E-02	9.70E-04	4.31E-01	2.83E+00	2.85E-02	2.89E-04	4.17E-04	2.45E-04	2.41E-01	2.28E-02	4.58E-02	3.63E-06	1.78E-03	2.93E-03	7.89E-04	7.59E-04	6.80E-03	2.58E-02
2064-11-01	38	1.91E+00	4.11E-03	2.96E+01	3.75E-02	9.62E-04	4.29E-01	2.82E+00	2.85E-02	2.87E-04	4.14E-04	2.43E-04	2.39E-01	2.26E-02	4.58E-02	3.61E-06	1.76E-03	2.93E-03	7.83E-04	7.54E-04	6.76E-03	2.56E-02
2064-12-01	38	1.90E+00	4.09E-03	2.94E+01	3.74E-02	9.57E-04	4.28E-01	2.80E+00	2.85E-02	2.86E-04	4.12E-04	2.42E-04	2.38E-01	2.25E-02	4.58E-02	3.60E-06	1.75E-03	2.93E-03	7.79E-04	7.52E-04	6.73E-03	2.55E-02
2065-01-01	39	1.90E+00	4.09E-03	2.94E+01	3.74E-02	9.56E-04	4.28E-01	2.80E+00	2.85E-02	2.86E-04	4.12E-04	2.42E-04	2.38E-01	2.25E-02	4.58E-02	3.60E-06	1.75E-03	2.93E-03	7.78E-04	7.51E-04	6.73E-03	2.55E-02
2065-02-01	39	1.91E+00	4.10E-03	2.94E+01	3.74E-02	9.55E-04	4.28E-01	2.81E+00	2.85E-02	2.86E-04	4.12E-04	2.41E-04	2.39E-01	2.25E-02	4.58E-02	3.60E-06	1.75E-03	2.93E-03	7.79E-04	7.52E-04	6.72E-03	2.54E-02
2065-03-01	39	1.91E+00	4.11E-03	2.94E+01	3.74E-02	9.54E-04	4.29E-01	2.82E+00	2.85E-02	2.86E-04	4.12E-04	2.41E-04	2.40E-01	2.25E-02	4.58E-02	3.60E-06	1.74E-03	2.93E-03	7.81E-04	7.54E-04	6.72E-03	2.54E-02
2065-04-01	39	1.94E+00	4.17E-03	2.91E+01	3.75E-02	9.48E-04	4.33E-01	2.86E+00	2.84E-02	2.84E-04	4.12E-04	2.40E-04	2.43E-01	2.23E-02	4.58E-02	3.60E-06	1.73E-03	2.93E-03	7.87E-04	7.62E-04	6.69E-03	2.52E-02
2065-05-01	39	2.03E+00	4.34E-03	2.79E+01	3.76E-02	9.12E-04	4.45E-01	2.99E+00	2.83E-02	2.77E-04	4.07E-04	2.30E-04	2.55E-01	2.15E-02	4.58E-02	3.59E-06	1.65E-03	2.93E-03	8.01E-04	7.86E-04	6.51E-03	2.39E-02
2065-06-01	39	2.11E+00	4.48E-03	2.69E+01	3.77E-02	8.81E-04	4.55E-01	3.11E+00	2.82E-02	2.70E-04	4.04E-04	2.23E-04	2.66E-01	2.08E-02	4.58E-02	3.57E-06	1.58E-03	2.94E-03	8.13E-04	8.06E-04	6.36E-03	2.29E-02
2065-07-01	39	2.15E+00	4.57E-03	2.67E+01	3.78E-02	8.76E-04	4.61E-01	3.18E+00	2.81E-02	2.69E-04	4.05E-04	2.21E-04	2.71E-01	2.07E-02	4.58E-02	3.58E-06	1.57E-03	2.94E-03	8.23E-04	8.18E-04	6.33E-03	2.26E-02
2065-08-01	39	2.18E+00	4.62E-03	2.67E+01	3.78E-02	8.78E-04	4.65E-01	3.22E+00	2.81E-02	2.70E-04	4.08E-04	2.22E-04	2.75E-01	2.08E-02	4.58E-02	3.60E-06	1.57E-03	2.95E-03	8.31E-04	8.26E-04	6.35E-03	2.26E-02
2065-09-01	39	2.20E+00	4.66E-03	2.68E+01	3.79E-02	8.83E-04	4.67E-01	3.25E+00	2.82E-02	2.72E-04	4.10E-04	2.23E-04	2.77E-01	2.09E-02	4.58E-02	3.62E-06	1.58E-03	2.95E-03	8.38E-04	8.31E-04	6.38E-03	2.27E-02
2065-10-01	39	2.19E+00	4.64E-03	2.66E+01	3.79E-02	8.76E-04	4.66E-01	3.24E+00	2.81E-02	2.70E-04	4.08E-04	2.21E-04	2.76E-01	2.07E-02	4.58E-02	3.60E-06	1.57E-03	2.95E-03	8.33E-04	8.28E-04	6.34E-03	2.25E-02
2065-11-01	39	2.18E+00	4.61E-03	2.64E+01	3.78E-02	8.69E-04	4.64E-01	3.22E+00	2.81E-02	2.68E-04	4.05E-04	2.19E-04	2.74E-01	2.06E-02	4.58E-02	3.58E-06	1.56E-03	2.94E-03	8.27E-04	8.24E-04	6.30E-03	2.24E-02
2065-12-01	39	2.17E+00	4.59E-03	2.63E+01	3.78E-02	8.64E-04	4.63E-01	3.21E+00	2.81E-02	2.67E-04	4.03E-04	2.18E-04	2.73E-01	2.05E-02	4.58E-02	3.57E-06	1.55E-03	2.94E-03	8.23E-04	8.21E-04	6.27E-03	2.23E-02
2066-01-01	40	2.17E+00	4.59E-03	2.63E+01	3.78E-02	8.64E-04	4.63E-01	3.21E+00	2.81E-02	2.67E-04	4.03E-04	2.18E-04	2.73E-01	2.05E-02	4.58E-02	3.57E-06	1.55E-03	2.94E-03	8.22E-04	8.20E-04	6.27E-03	2.22E-02
2066-02-01	40	2.18E+00	4.60E-03	2.62E+01	3.78E-02	8.63E-04	4.63E-01	3.21E+00	2.81E-02	2.67E-04	4.03E-04	2.18E-04	2.73E-01	2.04E-02	4.58E-02	3.57E-06	1.54E-03	2.94E-03	8.24E-04	8.22E-04	6.27E-03	2.22E-02
2066-03-01	40	2.19E+00	4.61E-03	2.62E+01	3.78E-02	8.62E-04	4.64E-01	3.23E+00	2.81E-02	2.66E-04	4.03E-04	2.18E-04	2.75E-01	2.04E-02	4.58E-02	3.57E-06	1.54E-03	2.94E-03	8.26E-04	8.24E-04	6.26E-03	2.21E-02
2066-04-01	40	2.22E+00	4.69E-03	2.59E+01	3.79E-02	8.57E-04	4.70E-01	3.28E+00	2.81E-02	2.66E-04	4.03E-04	2.16E-04	2.80E-01	2.03E-02	4.58E-02	3.58E-06	1.53E-03	2.95E-03	8.35E-04	8.35E-04	6.24E-03	2.18E-02
2066-05-01	40	2.36E+00	4.95E-03	2.43E+01	3.81E-02	8.22E-04	4.88E-01	3.49E+00	2.79E-02	2.59E-04	3.96E-04	2.07E-04	2.98E-01	1.95E-02	4.58E-02	3.55E-06	1.45E-03	2.96E-03	8.62E-04	8.72E-04	6.07E-03</	

Pond 1 10ppmTSS																								
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Pond 1 Statistics (Year 1 to Year 30)																								
Minimum		8.28	4.09	0.292	0.00013	0.0184	0.00013	0.0231	0.000461	0.00000542	0.4815	0.000005192	0.0010768	0.02071	0.00000501	0.000743	0.000006407	15.941	0.000003117	0.00076	0.0087864	0.001123	0.57911	2.6948
P10		25.3	12.7	0.795	0.000336	0.0475	0.00782	0.0247	0.000493	0.00000562	0.4858	0.000005206	0.0031368	0.02191	0.0000052	0.001546	0.000009287	22.841	0.000012147	0.000852	0.008967	0.002095	0.651	3.9048
Median		102	50.5	3.43	0.095	13.4	0.101	0.0257	0.000514	0.00000579	0.4868	0.000005214	0.0114368	0.03461	0.00000532	0.003276	0.000009557	43.941	0.000034947	0.001136	0.008977	0.005645	0.6535	8.0248
P90		201	99.6	6.89	0.208	29.5	0.214	0.0267	0.000535	0.00000599	0.4881	0.000005223	0.0227368	0.05891	0.00000544	0.006746	0.000010037	68.941	0.000064747	0.001505	0.008995	0.010285	0.6581	12.5348
Maximum		220	109	7.55	0.229	32.3	0.235	0.0309	0.000618	0.00000611	0.4891	0.000005258	0.0249368	0.07101	0.00000593	0.008066	0.000010397	74.641	0.000070647	0.00158	0.009028	0.011225	0.675	13.5348
Monthly Results																								
2027-01-01	1	8.28	4.09	0.292	0.00013	0.0184	0.00013	0.0309	6.18E-04	5.65E-06	4.82E-01	5.26E-06	1.08E-03	2.38E-02	5.93E-06	7.43E-04	6.41E-06	1.91E+01	3.12E-06	7.60E-04	8.79E-03	1.12E-03	5.79E-01	3.26E+00
2027-02-01	1	8.46	4.19	0.298	0.000134	0.0189	0.000328	0.0307	6.15E-04	5.66E-06	4.82E-01	5.26E-06	1.10E-03	2.43E-02	5.91E-06	7.55E-04	6.51E-06	1.90E+01	3.30E-06	7.62E-04	8.79E-03	1.14E-03	5.82E-01	3.25E+00
2027-03-01	1	8.75	4.34	0.308	0.00014	0.0197	0.000641	0.0305	6.09E-04	5.66E-06	4.82E-01	5.25E-06	1.14E-03	2.51E-02	5.88E-06	7.76E-04	6.68E-06	1.89E+01	3.59E-06	7.64E-04	8.80E-03	1.16E-03	5.85E-01	3.23E+00
2027-04-01	1	9.98	5	0.351	0.000164	0.0232	0.00201	0.0292	5.84E-04	5.68E-06	4.83E-01	5.24E-06	1.31E-03	2.87E-02	5.73E-06	8.63E-04	7.37E-06	1.85E+01	4.84E-06	7.76E-04	8.84E-03	1.26E-03	6.02E-01	3.15E+00
2027-05-01	1	13.2	6.75	0.462	0.00023	0.0325	0.0058	0.0252	5.04E-04	5.63E-06	4.85E-01	5.21E-06	1.76E-03	3.81E-02	5.26E-06	1.09E-03	9.19E-06	1.68E+01	8.25E-06	8.07E-04	8.96E-03	1.54E-03	6.48E-01	2.85E+00
2027-06-01	1	14.7	7.51	0.51	0.000258	0.0365	0.00743	0.0235	4.70E-04	5.62E-06	4.86E-01	5.20E-06	1.95E-03	4.22E-02	5.06E-06	1.20E-03	9.99E-06	1.61E+01	9.73E-06	8.20E-04	9.01E-03	1.66E-03	6.68E-01	2.73E+00
2027-07-01	1	15	7.7	0.523	0.000265	0.0375	0.00776	0.0234	4.69E-04	5.67E-06	4.87E-01	5.20E-06	2.00E-03	4.33E-02	5.05E-06	1.22E-03	1.02E-05	1.61E+01	1.00E-05	8.23E-04	9.02E-03	1.69E-03	6.72E-01	2.73E+00
2027-08-01	1	15.2	7.8	0.529	0.000269	0.038	0.00789	0.0236	4.72E-04	5.71E-06	4.87E-01	5.20E-06	2.03E-03	4.38E-02	5.07E-06	1.24E-03	1.03E-05	1.62E+01	1.02E-05	8.25E-04	9.02E-03	1.70E-03	6.74E-01	2.75E+00
2027-09-01	1	15.4	7.87	0.534	0.000271	0.0383	0.00797	0.0238	4.76E-04	5.76E-06	4.87E-01	5.20E-06	2.04E-03	4.42E-02	5.10E-06	1.25E-03	1.04E-05	1.64E+01	1.03E-05	8.26E-04	9.03E-03	1.71E-03	6.75E-01	2.78E+00
2027-10-01	1	15.2	7.77	0.527	0.000268	0.0379	0.00787	0.0235	4.70E-04	5.69E-06	4.87E-01	5.20E-06	2.02E-03	4.37E-02	5.06E-06	1.23E-03	1.03E-05	1.62E+01	1.02E-05	8.24E-04	9.02E-03	1.70E-03	6.74E-01	2.74E+00
2027-11-01	1	15	7.69	0.521	0.000265	0.0374	0.00778	0.0232	4.64E-04	5.63E-06	4.87E-01	5.19E-06	2.00E-03	4.32E-02	5.03E-06	1.22E-03	1.02E-05	1.60E+01	1.00E-05	8.23E-04	9.02E-03	1.69E-03	6.73E-01	2.71E+00
2027-12-01	1	14.9	7.64	0.518	0.000263	0.0372	0.00774	0.0231	4.61E-04	5.60E-06	4.87E-01	5.19E-06	1.99E-03	4.29E-02	5.01E-06	1.22E-03	1.01E-05	1.59E+01	1.00E-05	8.23E-04	9.02E-03	1.68E-03	6.72E-01	2.69E+00
2028-01-01	2	14.9	7.64	0.518	0.000263	0.0372	0.00774	0.0231	4.61E-04	5.60E-06	4.87E-01	5.19E-06	1.99E-03	4.29E-02	5.01E-06	1.22E-03	1.01E-05	1.59E+01	9.99E-06	8.23E-04	9.02E-03	1.68E-03	6.72E-01	2.69E+00
2028-02-01	2	15.1	7.74	0.525	0.000265	0.0374	0.00774	0.0231	4.62E-04	5.60E-06	4.87E-01	5.19E-06	2.01E-03	4.33E-02	5.01E-06	1.23E-03	1.01E-05	1.60E+01	1.01E-05	8.24E-04	9.02E-03	1.69E-03	6.72E-01	2.71E+00
2028-03-01	2	15.4	7.91	0.536	0.000268	0.0378	0.00776	0.0231	4.63E-04	5.61E-06	4.87E-01	5.19E-06	2.06E-03	4.39E-02	5.02E-06	1.26E-03	1.01E-05	1.61E+01	1.02E-05	8.25E-04	9.02E-03	1.71E-03	6.72E-01	2.74E+00
2028-04-01	2	16.9	8.61	0.582	0.00028	0.0395	0.00781	0.0233	4.65E-04	5.64E-06	4.87E-01	5.19E-06	2.24E-03	4.65E-02	5.03E-06	1.37E-03	1.02E-05	1.68E+01	1.06E-05	8.30E-04	9.02E-03	1.78E-03	6.73E-01	2.84E+00
2028-05-01	2	20.5	10.4	0.699	0.000307	0.0434	0.00781	0.0232	4.63E-04	5.62E-06	4.87E-01	5.19E-06	2.72E-03	5.29E-02	5.02E-06	1.67E-03	1.02E-05	1.83E+01	1.16E-05	8.44E-04	9.02E-03	1.96E-03	6.72E-01	3.09E+00
2028-06-01	2	22.1	11.2	0.751	0.00032	0.0452	0.00782	0.0231	4.63E-04	5.62E-06	4.87E-01	5.19E-06	2.93E-03	5.57E-02	5.02E-06	1.79E-03	1.01E-05	1.89E+01	1.21E-05	8.50E-04	9.02E-03	2.03E-03	6.72E-01	3.20E+00
2028-07-01	2	22.6	11.4	0.766	0.000325	0.0459	0.00789	0.0234	4.67E-04	5.67E-06	4.87E-01	5.20E-06	2.99E-03	5.67E-02	5.05E-06	1.83E-03	1.02E-05	1.92E+01	1.23E-05	8.52E-04	9.02E-03	2.06E-03	6.73E-01	3.25E+00
2028-08-01	2	22.8	11.6	0.775	0.000328	0.0463	0.00797	0.0236	4.71E-04	5.71E-06	4.87E-01	5.20E-06	3.02E-03	5.73E-02	5.07E-06	1.85E-03	1.03E-05	1.94E+01	1.24					

Pond_1 10ppmTSS																								
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2032-04-01	6	25.7	12.9	0.812	0.00817	1.15	0.0137	0.0258	5.16E-04	5.72E-06	4.86E-01	5.22E-06	3.20E-03	4.40E-02	5.33E-06	1.49E-03	9.26E-06	2.64E+01	1.19E-05	8.51E-04	8.96E-03	2.11E-03	6.48E-01	4.67E+00
2032-05-01	6	24.3	12.2	0.765	0.0102	1.44	0.0159	0.0247	4.94E-04	5.57E-06	4.85E-01	5.21E-06	3.03E-03	4.05E-02	5.20E-06	1.37E-03	9.18E-06	2.56E+01	1.16E-05	8.47E-04	8.96E-03	2.05E-03	6.50E-01	4.55E+00
2032-06-01	6	24.7	12.4	0.777	0.0107	1.51	0.0165	0.0251	5.03E-04	5.67E-06	4.86E-01	5.21E-06	3.07E-03	4.10E-02	5.25E-06	1.38E-03	9.36E-06	2.61E+01	1.18E-05	8.49E-04	8.97E-03	2.07E-03	6.52E-01	4.64E+00
2032-07-01	6	25	12.6	0.786	0.0108	1.53	0.0167	0.0254	5.08E-04	5.73E-06	4.86E-01	5.21E-06	3.11E-03	4.14E-02	5.29E-06	1.39E-03	9.45E-06	2.64E+01	1.19E-05	8.51E-04	8.97E-03	2.09E-03	6.53E-01	4.69E+00
2032-08-01	6	25.2	12.7	0.791	0.0109	1.55	0.0169	0.0256	5.12E-04	5.77E-06	4.86E-01	5.21E-06	3.13E-03	4.17E-02	5.31E-06	1.40E-03	9.52E-06	2.66E+01	1.20E-05	8.52E-04	8.97E-03	2.10E-03	6.53E-01	4.73E+00
2032-09-01	6	25.3	12.7	0.795	0.011	1.55	0.017	0.0257	5.14E-04	5.79E-06	4.86E-01	5.21E-06	3.14E-03	4.18E-02	5.32E-06	1.40E-03	9.55E-06	2.67E+01	1.21E-05	8.52E-04	8.98E-03	2.10E-03	6.53E-01	4.75E+00
2032-10-01	6	25.3	12.7	0.795	0.011	1.56	0.017	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	3.14E-03	4.19E-02	5.32E-06	1.40E-03	9.56E-06	2.67E+01	1.21E-05	8.52E-04	8.98E-03	2.10E-03	6.54E-01	4.75E+00
2032-11-01	6	25.3	12.7	0.794	0.011	1.55	0.017	0.0257	5.14E-04	5.79E-06	4.86E-01	5.21E-06	3.14E-03	4.18E-02	5.32E-06	1.40E-03	9.55E-06	2.67E+01	1.21E-05	8.52E-04	8.98E-03	2.10E-03	6.53E-01	4.75E+00
2032-12-01	6	25.3	12.7	0.794	0.011	1.55	0.017	0.0257	5.14E-04	5.79E-06	4.86E-01	5.21E-06	3.14E-03	4.18E-02	5.32E-06	1.40E-03	9.55E-06	2.67E+01	1.21E-05	8.52E-04	8.98E-03	2.10E-03	6.53E-01	4.75E+00
2033-01-01	7	25.3	12.7	0.795	0.011	1.56	0.017	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	3.14E-03	4.18E-02	5.32E-06	1.40E-03	9.56E-06	2.67E+01	1.21E-05	8.52E-04	8.98E-03	2.10E-03	6.54E-01	4.75E+00
2033-02-01	7	25.5	12.8	0.802	0.0112	1.58	0.0172	0.0258	5.17E-04	5.81E-06	4.87E-01	5.22E-06	3.17E-03	4.22E-02	5.33E-06	1.41E-03	9.59E-06	2.69E+01	1.22E-05	8.53E-04	8.98E-03	2.12E-03	6.54E-01	4.78E+00
2033-03-01	7	26.7	13.4	0.839	0.0119	1.69	0.0181	0.0267	5.33E-04	5.98E-06	4.88E-01	5.22E-06	3.31E-03	4.41E-02	5.43E-06	1.45E-03	9.86E-06	2.78E+01	1.26E-05	8.58E-04	8.99E-03	2.18E-03	6.56E-01	4.96E+00
2033-04-01	7	30.4	15.3	0.958	0.0157	2.22	0.022	0.0271	5.42E-04	6.07E-06	4.88E-01	5.23E-06	3.72E-03	5.04E-02	5.48E-06	1.53E-03	9.99E-06	2.94E+01	1.38E-05	8.72E-04	8.99E-03	2.35E-03	6.58E-01	5.26E+00
2033-05-01	7	32.2	16.1	1.02	0.0191	2.7	0.0249	0.0249	4.97E-04	5.62E-06	4.86E-01	5.21E-06	3.90E-03	5.36E-02	5.22E-06	1.50E-03	9.28E-06	2.85E+01	1.40E-05	8.76E-04	8.97E-03	2.41E-03	6.51E-01	5.14E+00
2033-06-01	7	33.2	16.6	1.05	0.02	2.82	0.0258	0.0252	5.03E-04	5.68E-06	4.86E-01	5.21E-06	4.01E-03	5.52E-02	5.26E-06	1.52E-03	9.38E-06	2.91E+01	1.43E-05	8.80E-04	8.97E-03	2.46E-03	6.52E-01	5.24E+00
2033-07-01	7	33.6	16.8	1.06	0.0203	2.86	0.0262	0.0254	5.09E-04	5.73E-06	4.86E-01	5.21E-06	4.06E-03	5.59E-02	5.29E-06	1.54E-03	9.46E-06	2.94E+01	1.45E-05	8.82E-04	8.97E-03	2.48E-03	6.53E-01	5.30E+00
2033-08-01	7	33.9	17	1.07	0.0204	2.89	0.0264	0.0256	5.12E-04	5.77E-06	4.86E-01	5.21E-06	4.09E-03	5.63E-02	5.31E-06	1.55E-03	9.52E-06	2.96E+01	1.46E-05	8.83E-04	8.97E-03	2.50E-03	6.53E-01	5.34E+00
2033-09-01	7	34	17	1.07	0.0205	2.9	0.0265	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	4.11E-03	5.66E-02	5.32E-06	1.56E-03	9.56E-06	2.97E+01	1.47E-05	8.84E-04	8.98E-03	2.51E-03	6.54E-01	5.36E+00
2033-10-01	7	34.1	17.1	1.08	0.0206	2.9	0.0265	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	4.11E-03	5.66E-02	5.32E-06	1.56E-03	9.56E-06	2.98E+01	1.47E-05	8.84E-04	8.98E-03	2.51E-03	6.54E-01	5.36E+00
2033-11-01	7	34	17	1.07	0.0205	2.9	0.0265	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	4.11E-03	5.66E-02	5.32E-06	1.56E-03	9.55E-06	2.97E+01	1.47E-05	8.84E-04	8.98E-03	2.51E-03	6.53E-01	5.36E+00
2033-12-01	7	34	17	1.07	0.0205	2.9	0.0265	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	4.10E-03	5.65E-02	5.32E-06	1.55E-03	9.55E-06	2.97E+01	1.47E-05	8.84E-04	8.98E-03	2.50E-03	6.53E-01	5.36E+00
2034-01-01	8	34.1	17.1	1.08	0.0206	2.91	0.0265	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	4.11E-03	5.66E-02	5.32E-06	1.56E-03	9.56E-06	2.98E+01	1.47E-05	8.84E-04	8.98E-03	2.51E-03	6.54E-01	5.36E+00
2034-02-01	8	34.3	17.2	1.08	0.0208	2.94	0.0268	0.0258	5.17E-04	5.82E-06	4.87E-01	5.22E-06	4.14E-03	5.70E-02	5.33E-06	1.56E-03	9.59E-06	2.99E+01	1.48E-05	8.85E-04	8.98E-03	2.52E-03	6.54E-01	5.39E+00
2034-03-01	8	35.8	17.9	1.13	0.0218	3.09	0.028	0.0267	5.33E-04	5.98E-06	4.88E-01	5.22E-06	4.31E-03	5.93E-02	5.43E-06	1.61E-03	9.86E-06	3.09E+01	1.53E-05	8.92E-04	8.99E-03	2.59E-03		

Pond_1 10ppmTSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2038-02-01	12	69.3	34.5	2.28	0.0589	8.32	0.0649	0.0259	5.18E-04	5.83E-06	4.87E-01	5.22E-06	7.92E-03	4.71E-02	5.34E-06	2.25E-03	9.61E-06	3.78E+01	2.53E-05	1.01E-03	8.98E-03	4.13E-03	6.54E-01	6.92E+00
2038-03-01	12	71.8	35.7	2.36	0.0611	8.63	0.0673	0.0267	5.34E-04	5.99E-06	4.88E-01	5.22E-06	8.20E-03	4.84E-02	5.44E-06	2.32E-03	9.87E-06	3.90E+01	2.61E-05	1.03E-03	8.99E-03	4.26E-03	6.56E-01	7.14E+00
2038-04-01	12	75.9	37.8	2.52	0.0654	9.25	0.0717	0.0271	5.43E-04	6.08E-06	4.88E-01	5.23E-06	8.63E-03	4.77E-02	5.49E-06	2.42E-03	1.00E-05	3.96E+01	2.74E-05	1.04E-03	8.99E-03	4.45E-03	6.58E-01	7.25E+00
2038-05-01	12	73.6	36.6	2.47	0.0644	9.11	0.0702	0.0249	4.98E-04	5.62E-06	4.86E-01	5.21E-06	8.32E-03	4.19E-02	5.23E-06	2.31E-03	9.29E-06	3.64E+01	2.64E-05	1.03E-03	8.97E-03	4.33E-03	6.51E-01	6.66E+00
2038-06-01	12	75	37.3	2.52	0.0658	9.3	0.0717	0.0252	5.04E-04	5.68E-06	4.86E-01	5.21E-06	8.48E-03	4.21E-02	5.26E-06	2.35E-03	9.39E-06	3.68E+01	2.69E-05	1.04E-03	8.97E-03	4.40E-03	6.52E-01	6.74E+00
2038-07-01	12	75.8	37.7	2.55	0.0665	9.4	0.0725	0.0254	5.09E-04	5.73E-06	4.86E-01	5.21E-06	8.57E-03	4.25E-02	5.29E-06	2.37E-03	9.47E-06	3.72E+01	2.72E-05	1.04E-03	8.97E-03	4.44E-03	6.53E-01	6.81E+00
2038-08-01	12	76.4	38	2.57	0.067	9.47	0.073	0.0256	5.12E-04	5.77E-06	4.87E-01	5.21E-06	8.63E-03	4.28E-02	5.31E-06	2.39E-03	9.52E-06	3.74E+01	2.74E-05	1.04E-03	8.98E-03	4.47E-03	6.53E-01	6.85E+00
2038-09-01	12	76.7	38.2	2.58	0.0673	9.51	0.0733	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	8.67E-03	4.30E-02	5.32E-06	2.40E-03	9.56E-06	3.76E+01	2.75E-05	1.04E-03	8.98E-03	4.49E-03	6.54E-01	6.88E+00
2038-10-01	12	76.8	38.2	2.58	0.0674	9.52	0.0734	0.0257	5.15E-04	5.79E-06	4.87E-01	5.22E-06	8.67E-03	4.30E-02	5.32E-06	2.40E-03	9.56E-06	3.76E+01	2.75E-05	1.04E-03	8.98E-03	4.49E-03	6.54E-01	6.89E+00
2038-11-01	12	76.7	38.2	2.58	0.0673	9.51	0.0733	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	8.66E-03	4.29E-02	5.32E-06	2.40E-03	9.55E-06	3.76E+01	2.75E-05	1.04E-03	8.98E-03	4.48E-03	6.54E-01	6.88E+00
2038-12-01	12	76.6	38.1	2.58	0.0673	9.5	0.0732	0.0257	5.14E-04	5.78E-06	4.87E-01	5.21E-06	8.66E-03	4.29E-02	5.32E-06	2.40E-03	9.55E-06	3.75E+01	2.74E-05	1.04E-03	8.98E-03	4.48E-03	6.53E-01	6.87E+00
2039-01-01	13	76.7	38.2	2.58	0.0673	9.51	0.0733	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	8.66E-03	4.29E-02	5.32E-06	2.40E-03	9.55E-06	3.76E+01	2.75E-05	1.04E-03	8.98E-03	4.48E-03	6.53E-01	6.88E+00
2039-02-01	13	77.3	38.5	2.6	0.0679	9.59	0.0739	0.0259	5.18E-04	5.83E-06	4.87E-01	5.22E-06	8.73E-03	4.32E-02	5.34E-06	2.42E-03	9.61E-06	3.78E+01	2.77E-05	1.05E-03	8.98E-03	4.51E-03	6.54E-01	6.93E+00
2039-03-01	13	80.1	39.8	2.69	0.0704	9.94	0.0766	0.0267	5.34E-04	5.99E-06	4.88E-01	5.22E-06	9.04E-03	4.43E-02	5.43E-06	2.49E-03	9.87E-06	3.91E+01	2.86E-05	1.06E-03	8.99E-03	4.65E-03	6.56E-01	7.16E+00
2039-04-01	13	84.6	42.1	2.85	0.0751	10.6	0.0814	0.0271	5.43E-04	6.08E-06	4.88E-01	5.23E-06	9.53E-03	4.38E-02	5.49E-06	2.62E-03	1.00E-05	4.06E+01	3.00E-05	1.07E-03	8.99E-03	4.86E-03	6.58E-01	7.43E+00
2039-05-01	13	81.8	40.7	2.75	0.0735	10.4	0.0793	0.0249	4.98E-04	5.62E-06	4.86E-01	5.21E-06	9.19E-03	3.87E-02	5.23E-06	2.53E-03	9.30E-06	3.83E+01	2.89E-05	1.06E-03	8.97E-03	4.71E-03	6.51E-01	7.02E+00
2039-06-01	13	83.3	41.4	2.8	0.075	10.6	0.0809	0.0252	5.04E-04	5.68E-06	4.86E-01	5.21E-06	9.36E-03	3.89E-02	5.26E-06	2.57E-03	9.39E-06	3.89E+01	2.94E-05	1.07E-03	8.97E-03	4.78E-03	6.52E-01	7.13E+00
2039-07-01	13	84.2	41.9	2.83	0.0758	10.7	0.0817	0.0254	5.09E-04	5.73E-06	4.87E-01	5.21E-06	9.46E-03	3.92E-02	5.29E-06	2.59E-03	9.47E-06	3.93E+01	2.97E-05	1.07E-03	8.97E-03	4.83E-03	6.53E-01	7.20E+00
2039-08-01	13	84.8	42.2	2.85	0.0764	10.8	0.0824	0.0256	5.13E-04	5.77E-06	4.87E-01	5.21E-06	9.53E-03	3.95E-02	5.31E-06	2.61E-03	9.53E-06	3.96E+01	2.99E-05	1.07E-03	8.98E-03	4.86E-03	6.53E-01	7.25E+00
2039-09-01	13	85.2	42.4	2.87	0.0767	10.8	0.0827	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	9.57E-03	3.96E-02	5.32E-06	2.62E-03	9.56E-06	3.97E+01	3.00E-05	1.07E-03	8.98E-03	4.88E-03	6.54E-01	7.28E+00
2039-10-01	13	85.2	42.4	2.87	0.0768	10.8	0.0828	0.0257	5.15E-04	5.80E-06	4.87E-01	5.22E-06	9.57E-03	3.97E-02	5.32E-06	2.62E-03	9.56E-06	3.98E+01	3.00E-05	1.08E-03	8.98E-03	4.88E-03	6.54E-01	7.28E+00
2039-11-01	13	85.1	42.3	2.87	0.0767	10.8	0.0827	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	9.56E-03	3.96E-02	5.32E-06	2.62E-03	9.55E-06	3.97E+01	3.00E-05	1.07E-03	8.98E-03	4.87E-03	6.54E-01	7.28E+00
2039-12-01	13	85.1	42.3	2.86	0.0767	10.8	0.0826	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	9.56E-03	3.96E-02	5.32E-06	2.62E-03	9.55E-06	3.97E+01	3.00E-05	1.07E-03	8.98E-03	4.87E-03	6.53E-01	7.27E+00
2040-01-01	14	85.1	42.3	2.87	0.0767	10.8	0.0827	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	9.56E-03	3.96E-02	5.32E-06	2.62E-03	9.55E-06	3.97E+01	3.00E-05	1.07E-03	8.98E-03	4.87E-03	6.54E-01	7.28E+00
2040-02-01	14	85.8	42.7	2.89	0.0773	10.9	0.0834	0.0259	5.18E-04	5.83E														

Pond_1 10ppmTSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2044-01-01	18	118	58.5	4.01	0.114	16	0.12	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	1.31E-02	3.12E-02	5.32E-06	3.70E-03	9.56E-06	4.71E+01	3.98E-05	1.20E-03	8.98E-03	6.40E-03	6.54E-01	8.62E+00
2044-02-01	18	118	58.7	4.03	0.114	16.1	0.12	0.0258	5.16E-04	5.81E-06	4.87E-01	5.22E-06	1.31E-02	3.12E-02	5.33E-06	3.72E-03	9.58E-06	4.73E+01	3.99E-05	1.20E-03	8.98E-03	6.42E-03	6.54E-01	8.64E+00
2044-03-01	18	123	61	4.18	0.118	16.7	0.125	0.0267	5.34E-04	6.00E-06	4.88E-01	5.22E-06	1.36E-02	3.22E-02	5.44E-06	3.86E-03	9.88E-06	4.91E+01	4.14E-05	1.22E-03	8.99E-03	6.64E-03	6.57E-01	8.97E+00
2044-04-01	18	127	63.2	4.33	0.123	17.4	0.13	0.027	5.41E-04	6.06E-06	4.89E-01	5.23E-06	1.42E-02	3.21E-02	5.47E-06	4.02E-03	9.98E-06	5.06E+01	4.28E-05	1.23E-03	8.99E-03	6.85E-03	6.57E-01	9.25E+00
2044-05-01	18	121	60.1	4.11	0.118	16.6	0.124	0.0249	4.98E-04	5.62E-06	4.86E-01	5.21E-06	1.35E-02	2.89E-02	5.23E-06	3.88E-03	9.29E-06	4.79E+01	4.06E-05	1.21E-03	8.97E-03	6.54E-03	6.51E-01	8.74E+00
2044-06-01	18	123	61.1	4.17	0.12	16.9	0.126	0.0252	5.04E-04	5.68E-06	4.86E-01	5.21E-06	1.37E-02	2.92E-02	5.26E-06	3.95E-03	9.39E-06	4.86E+01	4.12E-05	1.22E-03	8.97E-03	6.64E-03	6.52E-01	8.88E+00
2044-07-01	18	124	61.7	4.22	0.121	17.1	0.127	0.0255	5.09E-04	5.74E-06	4.87E-01	5.21E-06	1.39E-02	2.95E-02	5.29E-06	3.99E-03	9.47E-06	4.91E+01	4.17E-05	1.22E-03	8.97E-03	6.70E-03	6.53E-01	8.97E+00
2044-08-01	18	125	62.2	4.25	0.122	17.2	0.128	0.0256	5.13E-04	5.77E-06	4.87E-01	5.21E-06	1.40E-02	2.96E-02	5.31E-06	4.01E-03	9.53E-06	4.95E+01	4.20E-05	1.22E-03	8.98E-03	6.74E-03	6.53E-01	9.03E+00
2044-09-01	18	126	62.4	4.27	0.123	17.3	0.129	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	1.40E-02	2.98E-02	5.32E-06	4.03E-03	9.56E-06	4.97E+01	4.21E-05	1.23E-03	8.98E-03	6.77E-03	6.54E-01	9.07E+00
2044-10-01	18	126	62.4	4.27	0.123	17.3	0.129	0.0257	5.15E-04	5.80E-06	4.87E-01	5.22E-06	1.40E-02	2.98E-02	5.32E-06	4.03E-03	9.56E-06	4.97E+01	4.21E-05	1.23E-03	8.98E-03	6.77E-03	6.54E-01	9.08E+00
2044-11-01	18	126	62.4	4.26	0.122	17.3	0.128	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	1.40E-02	2.97E-02	5.32E-06	4.03E-03	9.56E-06	4.96E+01	4.21E-05	1.23E-03	8.98E-03	6.77E-03	6.54E-01	9.07E+00
2044-12-01	18	126	62.3	4.26	0.122	17.3	0.128	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	1.40E-02	2.97E-02	5.32E-06	4.03E-03	9.55E-06	4.96E+01	4.21E-05	1.23E-03	8.98E-03	6.76E-03	6.54E-01	9.06E+00
2045-01-01	19	126	62.4	4.27	0.123	17.3	0.129	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	1.40E-02	2.98E-02	5.32E-06	4.03E-03	9.56E-06	4.97E+01	4.21E-05	1.23E-03	8.98E-03	6.77E-03	6.54E-01	9.07E+00
2045-02-01	19	127	63	4.3	0.124	17.5	0.13	0.0259	5.19E-04	5.83E-06	4.87E-01	5.22E-06	1.41E-02	3.00E-02	5.35E-06	4.07E-03	9.63E-06	5.01E+01	4.25E-05	1.23E-03	8.98E-03	6.82E-03	6.54E-01	9.15E+00
2045-03-01	19	131	65	4.44	0.128	18	0.134	0.0267	5.34E-04	5.99E-06	4.88E-01	5.22E-06	1.46E-02	3.08E-02	5.44E-06	4.19E-03	9.87E-06	5.17E+01	4.38E-05	1.25E-03	8.99E-03	7.02E-03	6.56E-01	9.44E+00
2045-04-01	19	136	67.5	4.61	0.133	18.8	0.139	0.0272	5.44E-04	6.10E-06	4.89E-01	5.23E-06	1.52E-02	3.09E-02	5.49E-06	4.38E-03	1.00E-05	5.36E+01	4.54E-05	1.27E-03	8.99E-03	7.26E-03	6.58E-01	9.78E+00
2045-05-01	19	128	63.6	4.33	0.126	17.8	0.132	0.0249	4.99E-04	5.63E-06	4.86E-01	5.21E-06	1.43E-02	2.79E-02	5.23E-06	4.18E-03	9.31E-06	5.04E+01	4.27E-05	1.23E-03	8.97E-03	6.88E-03	6.51E-01	9.20E+00
2045-06-01	19	130	64.6	4.4	0.128	18.1	0.134	0.0252	5.04E-04	5.69E-06	4.86E-01	5.21E-06	1.46E-02	2.81E-02	5.26E-06	4.24E-03	9.40E-06	5.11E+01	4.34E-05	1.24E-03	8.97E-03	6.97E-03	6.52E-01	9.33E+00
2045-07-01	19	131	65.3	4.45	0.129	18.3	0.135	0.0255	5.10E-04	5.74E-06	4.87E-01	5.21E-06	1.47E-02	2.84E-02	5.29E-06	4.29E-03	9.48E-06	5.17E+01	4.38E-05	1.25E-03	8.97E-03	7.04E-03	6.53E-01	9.43E+00
2045-08-01	19	132	65.7	4.47	0.13	18.4	0.136	0.0256	5.13E-04	5.78E-06	4.87E-01	5.21E-06	1.48E-02	2.85E-02	5.31E-06	4.31E-03	9.53E-06	5.20E+01	4.41E-05	1.25E-03	8.98E-03	7.08E-03	6.53E-01	9.49E+00
2045-09-01	19	133	66	4.49	0.131	18.5	0.137	0.0258	5.15E-04	5.80E-06	4.87E-01	5.22E-06	1.49E-02	2.86E-02	5.32E-06	4.33E-03	9.57E-06	5.22E+01	4.43E-05	1.25E-03	8.98E-03	7.11E-03	6.54E-01	9.53E+00
2045-10-01	19	133	66	4.49	0.131	18.5	0.137	0.0258	5.15E-04	5.80E-06	4.87E-01	5.22E-06	1.49E-02	2.86E-02	5.32E-06	4.33E-03	9.57E-06	5.22E+01	4.43E-05	1.25E-03	8.98E-03	7.11E-03	6.54E-01	9.54E+00
2045-11-01	19	133	65.9	4.49	0.131	18.4	0.137	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	1.49E-02	2.86E-02	5.32E-06	4.33E-03	9.56E-06	5.22E+01	4.42E-05	1.25E-03	8.98E-03	7.10E-03	6.54E-01	9.52E+00
2045-12-01	19	133	65.9	4.49	0.13	18.4	0.136	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	1.49E-02	2.86E-02	5.32E-06	4.32E-03	9.55E-06	5.21E+01	4.42E-05	1.25E-03	8.98E-03	7.10E-03	6.54E-01	9.52E+00
2046-01-01	20	133	65.9	4.49	0.131	18.5	0.137	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	1.49E-02	2.86E-02	5.32E-06	4.33E-03E								

Pond 1 10ppmTSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2050-03-01	24	179	88.6	6.1	0.182	25.7	0.188	0.0267	5.35E-04	6.00E-06	4.88E-01	5.22E-06	1.99E-02	2.50E-02	5.44E-06	5.37E-03	9.88E-06	6.41E+01	5.81E-05	1.42E-03	8.99E-03	9.23E-03	6.57E-01	1.17E+01
2050-04-01	24	185	92	6.34	0.189	26.8	0.196	0.0272	5.44E-04	6.09E-06	4.89E-01	5.23E-06	2.06E-02	2.50E-02	5.49E-06	5.55E-03	1.00E-05	6.61E+01	6.02E-05	1.45E-03	8.99E-03	9.56E-03	6.58E-01	1.21E+01
2050-05-01	24	175	86.8	5.99	0.179	25.3	0.185	0.0249	4.98E-04	5.63E-06	4.86E-01	5.21E-06	1.94E-02	2.26E-02	5.23E-06	5.22E-03	9.30E-06	6.19E+01	5.68E-05	1.41E-03	8.97E-03	9.06E-03	6.51E-01	1.13E+01
2050-06-01	24	178	88.2	6.08	0.182	25.7	0.188	0.0252	5.04E-04	5.68E-06	4.87E-01	5.21E-06	1.97E-02	2.28E-02	5.26E-06	5.29E-03	9.39E-06	6.27E+01	5.76E-05	1.42E-03	8.97E-03	9.19E-03	6.52E-01	1.15E+01
2050-07-01	24	180	89.2	6.15	0.184	26	0.19	0.0255	5.09E-04	5.74E-06	4.87E-01	5.21E-06	2.00E-02	2.30E-02	5.29E-06	5.34E-03	9.48E-06	6.34E+01	5.83E-05	1.43E-03	8.98E-03	9.28E-03	6.53E-01	1.16E+01
2050-08-01	24	181	89.8	6.2	0.186	26.2	0.191	0.0256	5.13E-04	5.77E-06	4.87E-01	5.21E-06	2.01E-02	2.31E-02	5.31E-06	5.38E-03	9.53E-06	6.39E+01	5.87E-05	1.43E-03	8.98E-03	9.34E-03	6.53E-01	1.17E+01
2050-09-01	24	182	90.1	6.22	0.186	26.3	0.192	0.0257	5.15E-04	5.80E-06	4.87E-01	5.22E-06	2.02E-02	2.32E-02	5.32E-06	5.40E-03	9.57E-06	6.41E+01	5.89E-05	1.43E-03	8.98E-03	9.37E-03	6.54E-01	1.17E+01
2050-10-01	24	182	90.2	6.22	0.186	26.3	0.192	0.0258	5.15E-04	5.80E-06	4.87E-01	5.22E-06	2.02E-02	2.32E-02	5.32E-06	5.40E-03	9.57E-06	6.41E+01	5.89E-05	1.43E-03	8.98E-03	9.38E-03	6.54E-01	1.17E+01
2050-11-01	24	182	90.1	6.22	0.186	26.3	0.192	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	2.02E-02	2.32E-02	5.32E-06	5.40E-03	9.56E-06	6.41E+01	5.88E-05	1.43E-03	8.98E-03	9.37E-03	6.54E-01	1.17E+01
2050-12-01	24	181	90	6.21	0.186	26.3	0.192	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	2.02E-02	2.32E-02	5.32E-06	5.39E-03	9.55E-06	6.40E+01	5.88E-05	1.43E-03	8.98E-03	9.36E-03	6.54E-01	1.17E+01
2051-01-01	25	182	90.1	6.22	0.186	26.3	0.192	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	2.02E-02	2.32E-02	5.32E-06	5.40E-03	9.56E-06	6.41E+01	5.89E-05	1.43E-03	8.98E-03	9.37E-03	6.54E-01	1.17E+01
2051-02-01	25	183	90.9	6.27	0.188	26.5	0.194	0.0259	5.19E-04	5.83E-06	4.87E-01	5.22E-06	2.04E-02	2.34E-02	5.35E-06	5.45E-03	9.63E-06	6.46E+01	5.94E-05	1.44E-03	8.98E-03	9.44E-03	6.54E-01	1.18E+01
2051-03-01	25	189	93.8	6.47	0.194	27.4	0.2	0.0267	5.34E-04	5.99E-06	4.88E-01	5.22E-06	2.10E-02	2.40E-02	5.44E-06	5.62E-03	9.88E-06	6.66E+01	6.13E-05	1.46E-03	8.99E-03	9.72E-03	6.57E-01	1.22E+01
2051-04-01	25	196	97.5	6.73	0.202	28.5	0.208	0.0272	5.44E-04	6.10E-06	4.89E-01	5.23E-06	2.19E-02	2.41E-02	5.49E-06	5.92E-03	1.00E-05	6.88E+01	6.35E-05	1.49E-03	8.99E-03	1.01E-02	6.58E-01	1.26E+01
2051-05-01	25	185	91.9	6.35	0.191	27	0.197	0.0249	4.99E-04	5.63E-06	4.86E-01	5.21E-06	2.07E-02	2.18E-02	5.23E-06	5.70E-03	9.31E-06	6.44E+01	5.99E-05	1.45E-03	8.97E-03	9.54E-03	6.51E-01	1.18E+01
2051-06-01	25	188	93.3	6.45	0.194	27.4	0.2	0.0252	5.04E-04	5.69E-06	4.87E-01	5.21E-06	2.10E-02	2.20E-02	5.26E-06	5.80E-03	9.39E-06	6.52E+01	6.07E-05	1.46E-03	8.97E-03	9.68E-03	6.52E-01	1.19E+01
2051-07-01	25	190	94.3	6.52	0.196	27.7	0.202	0.0255	5.10E-04	5.74E-06	4.87E-01	5.21E-06	2.12E-02	2.22E-02	5.29E-06	5.86E-03	9.48E-06	6.60E+01	6.14E-05	1.47E-03	8.98E-03	9.78E-03	6.53E-01	1.20E+01
2051-08-01	25	191	95	6.57	0.197	27.9	0.203	0.0257	5.13E-04	5.78E-06	4.87E-01	5.21E-06	2.13E-02	2.23E-02	5.31E-06	5.90E-03	9.53E-06	6.64E+01	6.18E-05	1.47E-03	8.98E-03	9.84E-03	6.53E-01	1.21E+01
2051-09-01	25	192	95.4	6.59	0.198	28	0.204	0.0258	5.15E-04	5.80E-06	4.87E-01	5.22E-06	2.14E-02	2.24E-02	5.32E-06	5.92E-03	9.57E-06	6.67E+01	6.21E-05	1.47E-03	8.98E-03	9.87E-03	6.54E-01	1.22E+01
2051-10-01	25	192	95.4	6.59	0.198	28	0.204	0.0258	5.15E-04	5.80E-06	4.87E-01	5.22E-06	2.14E-02	2.24E-02	5.33E-06	5.92E-03	9.57E-06	6.67E+01	6.21E-05	1.47E-03	8.98E-03	9.88E-03	6.54E-01	1.22E+01
2051-11-01	25	192	95.3	6.59	0.198	28	0.204	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	2.14E-02	2.24E-02	5.32E-06	5.92E-03	9.56E-06	6.66E+01	6.20E-05	1.47E-03	8.98E-03	9.86E-03	6.54E-01	1.22E+01
2051-12-01	25	192	95.2	6.58	0.198	28	0.204	0.0257	5.14E-04	5.79E-06	4.87E-01	5.21E-06	2.14E-02	2.24E-02	5.32E-06	5.91E-03	9.55E-06	6.65E+01	6.20E-05	1.47E-03	8.98E-03	9.86E-03	6.54E-01	1.22E+01
2052-01-01	26	192	95.3	6.59	0.198	28	0.204	0.0257	5.15E-04	5.79E-06	4.87E-01	5.21E-06	2.14E-02	2.24E-02	5.32E-06	5.92E-03	9.56E-06	6.66E+01	6.20E-05	1.47E-03	8.98E-03	9.87E-03	6.54E-01	1.22E+01
2052-02-01	26	194	96.1	6.64	0.2	28.2	0.206	0.0259	5.19E-04	5.83E-06	4.88E-01	5.22E-06	2.16E-02	2.26E-02	5.35E-06	5.97E-03	9.62E-06	6.71E+01	6.25E-05	1.48E-03	8.98E-03	9.94E-03	6.54E-01	1.23E+01
2052-03-01	26	200	99.5	6.88	0.207	29.2	0.213	0.0268	5.36E-04	6.01E-06	4.89E-01	5.22E-06	2.24E-02	2.33E-02	5.45E-06	6.19E-03	9.							

Pond_1 10ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten	Yttrium mg/L	Zinc mg/L	Phosphorus mg/L
Pond 1 Statistics (Year 1 to Year 30)																					
Minimum		0.00030877	15.638	0.01475	0.0005721	0.0741	3.8983	0.008781	0.0000876	0.0003762	0.00006007	0.0001581	0.011379	0.015363	0.000002727	0.00057851	0.001587	0.00008989	0.0000812	0.00214	0.001818
P10		0.00572677	17.738	0.0292	0.0017851	0.3834	5.6183	0.009363	0.0002793	0.0003922	0.00018517	0.3210613	0.033779	0.015708	0.000002787	0.00177151	0.003317	0.00097749	0.0008209	0.00611	0.001837
Median		0.00790677	35.938	0.0742	0.0073251	0.3934	11.5683	0.01167	0.0009573	0.0004112	0.00069317	0.3320613	0.135879	0.01723	0.000002877	0.00732151	0.010497	0.00181249	0.0009949	0.02112	0.002023
P90		0.01068677	60.038	0.1321	0.0145051	0.4134	18.1683	0.01481	0.0018343	0.0004272	0.00135517	0.3530613	0.267879	0.0192	0.000002967	0.01440151	0.019837	0.00290249	0.0011649	0.04062	0.002368
Maximum		0.01148677	65.338	0.1431	0.0157051	0.4894	19.5683	0.01544	0.0020043	0.0004722	0.00148517	0.4260613	0.291879	0.01957	0.000003017	0.01580151	0.021537	0.00314249	0.0012449	0.04442	0.00362
Monthly Results																					
2027-01-01	1	3.09E-04	2.00E+01	1.48E-02	5.72E-04	7.41E-02	4.72E+00	8.78E-03	8.76E-05	4.72E-04	6.01E-05	1.58E-04	1.14E-02	1.54E-02	3.02E-06	5.79E-04	1.59E-03	8.99E-05	8.12E-05	2.14E-03	3.62E-03
2027-02-01	1	4.74E-04	2.00E+01	1.50E-02	5.83E-04	7.41E-02	4.70E+00	8.79E-03	9.05E-05	4.70E-04	6.18E-05	1.09E-02	1.17E-02	1.54E-02	3.01E-06	5.90E-04	1.61E-03	1.14E-04	1.05E-04	2.20E-03	3.60E-03
2027-03-01	1	7.35E-04	1.99E+01	1.54E-02	6.02E-04	9.11E-02	4.67E+00	8.81E-03	9.53E-05	4.67E-04	6.46E-05	2.79E-02	1.20E-02	1.54E-02	3.00E-06	6.09E-04	1.63E-03	1.53E-04	1.41E-04	2.29E-03	3.57E-03
2027-04-01	1	1.88E-03	1.96E+01	1.72E-02	6.80E-04	1.65E-01	4.55E+00	8.87E-03	1.16E-04	4.52E-04	7.63E-05	1.02E-01	1.35E-02	1.54E-02	2.97E-06	6.90E-04	1.76E-03	3.25E-04	3.03E-04	2.68E-03	3.46E-03
2027-05-01	1	5.03E-03	1.84E+01	2.19E-02	8.86E-04	3.71E-01	4.13E+00	9.04E-03	1.71E-04	4.02E-04	1.08E-04	3.08E-01	1.73E-02	1.55E-02	2.81E-06	9.04E-04	2.10E-03	7.97E-04	7.50E-04	3.72E-03	3.10E-03
2027-06-01	1	6.40E-03	1.78E+01	2.40E-02	9.76E-04	4.59E-01	3.95E+00	9.12E-03	1.95E-04	3.82E-04	1.21E-04	3.96E-01	1.90E-02	1.55E-02	2.75E-06	9.97E-04	2.25E-03	1.00E-03	9.42E-04	4.17E-03	2.94E-03
2027-07-01	1	6.67E-03	1.79E+01	2.45E-02	1.00E-03	4.77E-01	3.96E+00	9.14E-03	2.01E-04	3.82E-04	1.24E-04	4.14E-01	1.94E-02	1.55E-02	2.76E-06	1.02E-03	2.28E-03	1.04E-03	9.81E-04	4.27E-03	2.93E-03
2027-08-01	1	6.78E-03	1.81E+01	2.47E-02	1.02E-03	4.84E-01	3.98E+00	9.15E-03	2.03E-04	3.84E-04	1.26E-04	4.21E-01	1.96E-02	1.55E-02	2.78E-06	1.03E-03	2.30E-03	1.06E-03	9.96E-04	4.32E-03	2.94E-03
2027-09-01	1	6.85E-03	1.82E+01	2.48E-02	1.03E-03	4.88E-01	4.02E+00	9.15E-03	2.05E-04	3.88E-04	1.27E-04	4.26E-01	1.98E-02	1.55E-02	2.80E-06	1.04E-03	2.31E-03	1.07E-03	1.01E-03	4.36E-03	2.95E-03
2027-10-01	1	6.77E-03	1.80E+01	2.46E-02	1.01E-03	4.83E-01	3.97E+00	9.14E-03	2.03E-04	3.83E-04	1.26E-04	4.20E-01	1.96E-02	1.55E-02	2.77E-06	1.03E-03	2.30E-03	1.06E-03	9.95E-04	4.31E-03	2.93E-03
2027-11-01	1	6.69E-03	1.78E+01	2.45E-02	9.97E-04	4.79E-01	3.92E+00	9.14E-03	2.00E-04	3.78E-04	1.24E-04	4.16E-01	1.94E-02	1.55E-02	2.75E-06	1.02E-03	2.28E-03	1.04E-03	9.84E-04	4.27E-03	2.92E-03
2027-12-01	1	6.65E-03	1.77E+01	2.44E-02	9.91E-04	4.76E-01	3.90E+00	9.13E-03	1.99E-04	3.76E-04	1.24E-04	4.13E-01	1.93E-02	1.55E-02	2.73E-06	1.01E-03	2.27E-03	1.04E-03	9.79E-04	4.25E-03	2.91E-03
2028-01-01	2	6.65E-03	1.77E+01	2.44E-02	9.91E-04	4.76E-01	3.90E+00	9.13E-03	1.99E-04	3.76E-04	1.23E-04	4.13E-01	1.93E-02	1.55E-02	2.73E-06	1.01E-03	2.27E-03	1.04E-03	9.78E-04	4.24E-03	2.91E-03
2028-02-01	2	6.66E-03	1.77E+01	2.45E-02	1.01E-03	4.76E-01	3.92E+00	9.14E-03	2.01E-04	3.76E-04	1.25E-04	4.14E-01	1.95E-02	1.55E-02	2.73E-06	1.02E-03	2.29E-03	1.04E-03	9.80E-04	4.29E-03	2.90E-03
2028-03-01	2	6.68E-03	1.78E+01	2.47E-02	1.03E-03	4.77E-01	3.96E+00	9.15E-03	2.04E-04	3.77E-04	1.27E-04	4.14E-01	1.99E-02	1.55E-02	2.74E-06	1.05E-03	2.32E-03	1.05E-03	9.82E-04	4.35E-03	2.89E-03
2028-04-01	2	6.75E-03	1.80E+01	2.55E-02	1.13E-03	4.79E-01	4.11E+00	9.20E-03	2.17E-04	3.79E-04	1.36E-04	4.17E-01	2.17E-02	1.55E-02	2.75E-06	1.15E-03	2.45E-03	1.07E-03	9.90E-04	4.64E-03	2.84E-03
2028-05-01	2	6.83E-03	1.84E+01	2.75E-02	1.37E-03	4.78E-01	4.46E+00	9.32E-03	2.49E-04	3.78E-04	1.46E-04	4.15E-01	2.63E-02	1.56E-02	2.74E-06	1.40E-03	2.78E-03	1.10E-03	9.93E-04	5.35E-03	2.68E-03
2028-06-01	2	6.86E-03	1.86E+01	2.84E-02	1.48E-03	4.77E-01	4.62E+00	9.37E-03	2.63E-04	3.77E-04	1.70E-04	4.15E-01	2.82E-02	1.56E-02	2.74E-06	1.51E-03	2.92E-03	1.12E-03	9.96E-04	5.66E-03	2.61E-03
2028-07-01	2	6.93E-03	1.88E+01	2.87E-02	1.51E-03	4.81E-01	4.69E+00	9.39E-03	2.68E-04	3.81E-04	1.73E-04	4.19E-01	2.88E-02	1.56E-02	2.76E-06	1.54E-03	2.96E-03	1.13E-03	1.00E-03	5.75E-03	2.61E-03
2028-08-01	2	7.00E-03	1.89E+01	2.89E-02	1.53E-03	4.85E-01	4.73E+00	9.40E-03	2.70E-04	3.84E-04	1.75E-04	4.22E-01	2.91E-02	1.56E-02	2.78E-06	1.56E-03	2.99E-03	1.14E-03	1.01E-03	5.81E-03	2.62E-03
2028-09-01	2	7.06E-03	1.91E+01	2.91E-02	1.54E-03	4.89E-01	4.78E+00	9.41E-03	2.73E-04	3.88E-04	1.77E-04	4.26E-01	2.94E-02	1.56E-02	2.80E-06	1.57E-03	3.01E-03	1.15E-03	1.02E-03	5.86E-03	2.63E-03
2028-10-01	2	6.97E-03	1.89E+01	2.89E-02	1.52E-03	4.83E-01	4.72E+00	9.40E-03	2.70E-04	3.83E-04	1.74E-04	4.21E-01	2.90E-02	1.56E-02	2.77E-06	1.55E-03	2.98E-03	1.13E-03	1.01E-03	5.80E-03	2.61E-03
2028-11-01	2	6.89E-03	1.87E+01	2.87E-02	1.51E-03	4.															

Pond_1 10ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2032-04-01	6	5.36E-03	1.66E+01	2.95E-02	1.81E-03	3.68E-01	6.76E+00	9.34E-03	2.80E-04	4.11E-04	1.87E-04	3.05E-01	3.42E-02	1.57E-02	2.86E-06	1.80E-03	3.33E-03	9.26E-04	7.68E-04	6.14E-03	2.33E-03
2032-05-01	6	5.46E-03	1.56E+01	2.89E-02	1.73E-03	3.77E-01	6.59E+00	9.29E-03	2.70E-04	3.95E-04	1.79E-04	3.14E-01	3.26E-02	1.57E-02	2.78E-06	1.71E-03	3.22E-03	9.31E-04	7.84E-04	5.89E-03	2.27E-03
2032-06-01	6	5.59E-03	1.58E+01	2.93E-02	1.75E-03	3.85E-01	6.73E+00	9.30E-03	2.74E-04	4.02E-04	1.81E-04	3.22E-01	3.31E-02	1.57E-02	2.82E-06	1.73E-03	3.26E-03	9.54E-04	8.03E-04	5.99E-03	2.28E-03
2032-07-01	6	5.66E-03	1.59E+01	2.95E-02	1.77E-03	3.89E-01	6.80E+00	9.31E-03	2.77E-04	4.07E-04	1.83E-04	3.26E-01	3.35E-02	1.57E-02	2.85E-06	1.75E-03	3.29E-03	9.65E-04	8.12E-04	6.05E-03	2.29E-03
2032-08-01	6	5.70E-03	1.60E+01	2.96E-02	1.79E-03	3.91E-01	6.85E+00	9.32E-03	2.79E-04	4.10E-04	1.85E-04	3.29E-01	3.37E-02	1.57E-02	2.87E-06	1.77E-03	3.31E-03	9.72E-04	8.18E-04	6.09E-03	2.29E-03
2032-09-01	6	5.73E-03	1.61E+01	2.97E-02	1.79E-03	3.93E-01	6.88E+00	9.32E-03	2.80E-04	4.11E-04	1.86E-04	3.30E-01	3.39E-02	1.57E-02	2.88E-06	1.77E-03	3.32E-03	9.77E-04	8.21E-04	6.11E-03	2.30E-03
2032-10-01	6	5.73E-03	1.61E+01	2.97E-02	1.80E-03	3.93E-01	6.89E+00	9.32E-03	2.80E-04	4.12E-04	1.86E-04	3.30E-01	3.39E-02	1.57E-02	2.88E-06	1.77E-03	3.32E-03	9.77E-04	8.22E-04	6.12E-03	2.30E-03
2032-11-01	6	5.73E-03	1.61E+01	2.97E-02	1.79E-03	3.93E-01	6.88E+00	9.32E-03	2.80E-04	4.11E-04	1.85E-04	3.30E-01	3.38E-02	1.57E-02	2.88E-06	1.77E-03	3.32E-03	9.76E-04	8.21E-04	6.11E-03	2.30E-03
2032-12-01	6	5.72E-03	1.61E+01	2.97E-02	1.79E-03	3.93E-01	6.88E+00	9.32E-03	2.80E-04	4.11E-04	1.85E-04	3.30E-01	3.38E-02	1.57E-02	2.88E-06	1.77E-03	3.32E-03	9.76E-04	8.21E-04	6.11E-03	2.30E-03
2033-01-01	7	5.73E-03	1.61E+01	2.97E-02	1.80E-03	3.93E-01	6.88E+00	9.32E-03	2.80E-04	4.12E-04	1.86E-04	3.30E-01	3.39E-02	1.57E-02	2.88E-06	1.77E-03	3.32E-03	9.77E-04	8.22E-04	6.12E-03	2.30E-03
2033-02-01	7	5.76E-03	1.62E+01	2.99E-02	1.81E-03	3.95E-01	6.93E+00	9.33E-03	2.83E-04	4.13E-04	1.87E-04	3.32E-01	3.42E-02	1.57E-02	2.89E-06	1.79E-03	3.34E-03	9.83E-04	8.25E-04	6.16E-03	2.30E-03
2033-03-01	7	5.95E-03	1.67E+01	3.07E-02	1.90E-03	4.05E-01	7.18E+00	9.36E-03	2.94E-04	4.26E-04	1.95E-04	3.42E-01	3.57E-02	1.57E-02	2.97E-06	1.87E-03	3.46E-03	1.02E-03	8.50E-04	6.41E-03	2.32E-03
2033-04-01	7	6.14E-03	1.75E+01	3.31E-02	2.17E-03	4.10E-01	7.63E+00	9.46E-03	3.28E-04	4.33E-04	2.20E-04	3.48E-01	4.09E-02	1.58E-02	3.01E-06	2.14E-03	3.83E-03	1.07E-03	8.69E-04	7.15E-03	2.30E-03
2033-05-01	7	5.78E-03	1.68E+01	3.38E-02	2.32E-03	3.82E-01	7.45E+00	9.49E-03	3.40E-04	3.98E-04	2.31E-04	3.20E-01	4.36E-02	1.59E-02	2.80E-06	2.28E-03	4.01E-03	1.03E-03	8.12E-04	7.45E-03	2.18E-03
2033-06-01	7	5.86E-03	1.71E+01	3.45E-02	2.39E-03	3.86E-01	7.60E+00	9.51E-03	3.49E-04	4.03E-04	2.38E-04	3.24E-01	4.49E-02	1.59E-02	2.83E-06	2.35E-03	4.11E-03	1.05E-03	8.22E-04	7.65E-03	2.18E-03
2033-07-01	7	5.93E-03	1.73E+01	3.48E-02	2.42E-03	3.89E-01	7.69E+00	9.53E-03	3.53E-04	4.07E-04	2.41E-04	3.27E-01	4.55E-02	1.59E-02	2.85E-06	2.38E-03	4.15E-03	1.06E-03	8.30E-04	7.74E-03	2.19E-03
2033-08-01	7	5.97E-03	1.74E+01	3.50E-02	2.44E-03	3.92E-01	7.74E+00	9.53E-03	3.56E-04	4.10E-04	2.42E-04	3.29E-01	4.58E-02	1.59E-02	2.87E-06	2.39E-03	4.18E-03	1.07E-03	8.35E-04	7.80E-03	2.20E-03
2033-09-01	7	5.99E-03	1.75E+01	3.51E-02	2.45E-03	3.93E-01	7.78E+00	9.54E-03	3.58E-04	4.12E-04	2.44E-04	3.31E-01	4.60E-02	1.59E-02	2.88E-06	2.41E-03	4.19E-03	1.07E-03	8.39E-04	7.83E-03	2.20E-03
2033-10-01	7	6.00E-03	1.75E+01	3.51E-02	2.46E-03	3.93E-01	7.78E+00	9.54E-03	3.58E-04	4.12E-04	2.44E-04	3.31E-01	4.61E-02	1.59E-02	2.88E-06	2.41E-03	4.19E-03	1.07E-03	8.39E-04	7.84E-03	2.20E-03
2033-11-01	7	5.99E-03	1.75E+01	3.51E-02	2.45E-03	3.93E-01	7.78E+00	9.54E-03	3.58E-04	4.11E-04	2.44E-04	3.30E-01	4.60E-02	1.59E-02	2.88E-06	2.41E-03	4.19E-03	1.07E-03	8.38E-04	7.83E-03	2.20E-03
2033-12-01	7	5.99E-03	1.75E+01	3.51E-02	2.45E-03	3.93E-01	7.77E+00	9.54E-03	3.57E-04	4.11E-04	2.43E-04	3.30E-01	4.60E-02	1.59E-02	2.88E-06	2.40E-03	4.19E-03	1.07E-03	8.38E-04	7.83E-03	2.20E-03
2034-01-01	8	6.00E-03	1.75E+01	3.51E-02	2.46E-03	3.93E-01	7.78E+00	9.54E-03	3.58E-04	4.12E-04	2.44E-04	3.31E-01	4.61E-02	1.59E-02	2.88E-06	2.41E-03	4.19E-03	1.07E-03	8.39E-04	7.84E-03	2.20E-03
2034-02-01	8	6.02E-03	1.76E+01	3.53E-02	2.48E-03	3.95E-01	7.82E+00	9.55E-03	3.60E-04	4.13E-04	2.46E-04	3.32E-01	4.64E-02	1.59E-02	2.89E-06	2.43E-03	4.22E-03	1.08E-03	8.43E-04	7.89E-03	2.20E-03
2034-03-01	8	6.22E-03	1.82E+01	3.63E-02	2.58E-03	4.05E-01	8.09E+00	9.59E-03	3.75E-04	4.26E-04	2.56E-04	3.43E-01	4.84E-02	1.59E-02	2.97E-06	2.53E-03	4.36E-03	1.12E-03	8.68E-04	8.19E-03	2.22E-03
2034-04-01	8	6.42E-03	1.94E+01	3.88E-02	2.88E-03	4.11E-01	8.44E+00	9.70E-03	4.10E-04	4.33E-04	2.82E-04	3.48E-01	5.38E-02	1.60E-02	3.01E-06	2.82E-03	4.75E-03	1.17E-03	8.87E-04	8.98E-03	2.22E-03
2034-05-01	8	6.04E-03	1.90E+01	3.91E-02	2.97E-03	3.82E-01	8.06E+00	9.72E-03	4.17E-04	3.98E-04	2.89E-04	3.20E-01	5.56E-02	1.60E-02	2.80E-06	2.91E-03	4.86E-03	1.13E-03	8.29E-04	9.16E-03	2.14E-03
2034-06-01	8	6.13E-03	1.94E+01	3.98E-02	3.05E-03	3.86E-01	8.19E+00	9.75E-03	4.28E-04	4.03E-04	2.97E-04	3.24E-01	5.71E-02	1.61E-02							

Pond_1 10ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2038-02-01	12	7.05E-03	2.66E+01	5.60E-02	5.05E-03	3.95E-01	1.00E+01	1.06E-02	6.70E-04	4.14E-04	4.79E-04	3.33E-01	9.40E-02	1.66E-02	2.89E-06	4.96E-03	7.58E-03	1.47E-03	9.13E-04	1.47E-02	2.07E-03
2038-03-01	12	7.28E-03	2.76E+01	5.77E-02	5.23E-03	4.06E-01	1.04E+01	1.06E-02	6.93E-04	4.27E-04	4.96E-04	3.44E-01	9.74E-02	1.67E-02	2.97E-06	5.14E-03	7.82E-03	1.52E-03	9.40E-04	1.52E-02	2.09E-03
2038-04-01	12	7.47E-03	2.93E+01	6.01E-02	5.53E-03	4.11E-01	1.05E+01	1.08E-02	7.31E-04	4.34E-04	5.25E-04	3.49E-01	1.03E-01	1.67E-02	3.01E-06	5.44E-03	8.20E-03	1.57E-03	9.60E-04	1.61E-02	2.12E-03
2038-05-01	12	6.98E-03	2.88E+01	5.81E-02	5.35E-03	3.83E-01	9.65E+00	1.07E-02	7.07E-04	3.99E-04	5.09E-04	3.21E-01	9.96E-02	1.67E-02	2.80E-06	5.28E-03	7.94E-03	1.49E-03	8.94E-04	1.56E-02	2.07E-03
2038-06-01	12	7.07E-03	2.93E+01	5.90E-02	5.45E-03	3.86E-01	9.77E+00	1.08E-02	7.20E-04	4.03E-04	5.18E-04	3.24E-01	1.02E-01	1.67E-02	2.83E-06	5.38E-03	8.07E-03	1.51E-03	9.05E-04	1.58E-02	2.08E-03
2038-07-01	12	7.14E-03	2.96E+01	5.95E-02	5.51E-03	3.90E-01	9.86E+00	1.08E-02	7.27E-04	4.07E-04	5.24E-04	3.28E-01	1.03E-01	1.67E-02	2.85E-06	5.44E-03	8.15E-03	1.53E-03	9.13E-04	1.60E-02	2.09E-03
2038-08-01	12	7.19E-03	2.99E+01	5.99E-02	5.55E-03	3.92E-01	9.93E+00	1.08E-02	7.33E-04	4.10E-04	5.28E-04	3.30E-01	1.03E-01	1.67E-02	2.87E-06	5.48E-03	8.20E-03	1.54E-03	9.19E-04	1.61E-02	2.09E-03
2038-09-01	12	7.22E-03	3.00E+01	6.01E-02	5.58E-03	3.93E-01	9.97E+00	1.08E-02	7.36E-04	4.12E-04	5.30E-04	3.31E-01	1.04E-01	1.67E-02	2.88E-06	5.51E-03	8.23E-03	1.55E-03	9.23E-04	1.62E-02	2.10E-03
2038-10-01	12	7.23E-03	3.00E+01	6.01E-02	5.58E-03	3.93E-01	9.98E+00	1.08E-02	7.36E-04	4.12E-04	5.30E-04	3.31E-01	1.04E-01	1.67E-02	2.88E-06	5.51E-03	8.24E-03	1.55E-03	9.23E-04	1.62E-02	2.10E-03
2038-11-01	12	7.22E-03	3.00E+01	6.01E-02	5.57E-03	3.93E-01	9.97E+00	1.08E-02	7.36E-04	4.11E-04	5.30E-04	3.31E-01	1.04E-01	1.67E-02	2.88E-06	5.50E-03	8.23E-03	1.54E-03	9.22E-04	1.62E-02	2.10E-03
2038-12-01	12	7.21E-03	2.99E+01	6.00E-02	5.57E-03	3.93E-01	9.96E+00	1.08E-02	7.35E-04	4.11E-04	5.30E-04	3.31E-01	1.04E-01	1.67E-02	2.88E-06	5.50E-03	8.22E-03	1.54E-03	9.22E-04	1.62E-02	2.10E-03
2039-01-01	13	7.22E-03	3.00E+01	6.01E-02	5.57E-03	3.93E-01	9.96E+00	1.08E-02	7.35E-04	4.11E-04	5.30E-04	3.31E-01	1.04E-01	1.67E-02	2.88E-06	5.50E-03	8.23E-03	1.54E-03	9.22E-04	1.62E-02	2.10E-03
2039-02-01	13	7.27E-03	3.02E+01	6.05E-02	5.62E-03	3.95E-01	1.00E+01	1.09E-02	7.42E-04	4.14E-04	5.34E-04	3.33E-01	1.05E-01	1.68E-02	2.89E-06	5.55E-03	8.29E-03	1.56E-03	9.29E-04	1.63E-02	2.10E-03
2039-03-01	13	7.50E-03	3.12E+01	6.22E-02	5.82E-03	4.06E-01	1.04E+01	1.09E-02	7.67E-04	4.27E-04	5.53E-04	3.44E-01	1.08E-01	1.68E-02	2.97E-06	5.74E-03	8.55E-03	1.61E-03	9.56E-04	1.69E-02	2.12E-03
2039-04-01	13	7.72E-03	3.24E+01	6.49E-02	6.14E-03	4.11E-01	1.08E+01	1.11E-02	8.08E-04	4.34E-04	5.83E-04	3.49E-01	1.14E-01	1.69E-02	3.01E-06	6.07E-03	8.97E-03	1.67E-03	9.77E-04	1.78E-02	2.12E-03
2039-05-01	13	7.20E-03	3.08E+01	6.27E-02	5.93E-03	3.83E-01	1.02E+01	1.10E-02	7.79E-04	3.99E-04	5.62E-04	3.21E-01	1.10E-01	1.68E-02	2.80E-06	5.88E-03	8.68E-03	1.58E-03	9.10E-04	1.72E-02	2.05E-03
2039-06-01	13	7.30E-03	3.13E+01	6.37E-02	6.04E-03	3.86E-01	1.03E+01	1.11E-02	7.93E-04	4.03E-04	5.73E-04	3.24E-01	1.12E-01	1.69E-02	2.83E-06	5.99E-03	8.82E-03	1.60E-03	9.21E-04	1.75E-02	2.05E-03
2039-07-01	13	7.37E-03	3.16E+01	6.42E-02	6.10E-03	3.90E-01	1.04E+01	1.11E-02	8.01E-04	4.07E-04	5.79E-04	3.28E-01	1.14E-01	1.69E-02	2.85E-06	6.05E-03	8.91E-03	1.62E-03	9.30E-04	1.76E-02	2.06E-03
2039-08-01	13	7.43E-03	3.18E+01	6.46E-02	6.15E-03	3.92E-01	1.05E+01	1.11E-02	8.07E-04	4.10E-04	5.83E-04	3.30E-01	1.14E-01	1.69E-02	2.87E-06	6.10E-03	8.97E-03	1.63E-03	9.36E-04	1.78E-02	2.06E-03
2039-09-01	13	7.46E-03	3.20E+01	6.49E-02	6.17E-03	3.93E-01	1.06E+01	1.11E-02	8.11E-04	4.12E-04	5.85E-04	3.31E-01	1.15E-01	1.69E-02	2.88E-06	6.13E-03	9.00E-03	1.64E-03	9.40E-04	1.78E-02	2.07E-03
2039-10-01	13	7.46E-03	3.20E+01	6.49E-02	6.18E-03	3.93E-01	1.06E+01	1.11E-02	8.11E-04	4.12E-04	5.86E-04	3.31E-01	1.15E-01	1.69E-02	2.88E-06	6.13E-03	9.01E-03	1.64E-03	9.40E-04	1.79E-02	2.07E-03
2039-11-01	13	7.45E-03	3.20E+01	6.48E-02	6.17E-03	3.93E-01	1.06E+01	1.11E-02	8.10E-04	4.11E-04	5.85E-04	3.31E-01	1.15E-01	1.69E-02	2.88E-06	6.12E-03	9.00E-03	1.64E-03	9.39E-04	1.78E-02	2.06E-03
2039-12-01	13	7.45E-03	3.19E+01	6.48E-02	6.17E-03	3.93E-01	1.06E+01	1.11E-02	8.10E-04	4.11E-04	5.85E-04	3.31E-01	1.15E-01	1.69E-02	2.88E-06	6.12E-03	9.00E-03	1.63E-03	9.39E-04	1.78E-02	2.06E-03
2040-01-01	14	7.45E-03	3.20E+01	6.48E-02	6.17E-03	3.93E-01	1.06E+01	1.11E-02	8.10E-04	4.11E-04	5.85E-04	3.31E-01	1.15E-01	1.69E-02	2.88E-06	6.12E-03	9.00E-03	1.64E-03	9.39E-04	1.78E-02	2.06E-03
2040-02-01	14	7.51E-03	3.22E+01	6.53E-02	6.22E-03	3.95E-01	1.06E+01	1.11E-02	8.17E-04	4.14E-04	5.90E-04	3.33E-01	1.16E-01	1.69E-02	2.89E-06	6.17E-03	9.07E-03	1.65E-03	9.45E-04	1.80E-02	2.07E-03
2040-03-01	14	7.78E-03	3.34E+01	6.74E-02	6.47E-03	4.07E-01	1.10E+01	1.12E-02	8.48E-04	4.29E-04	6.13E-04	3.45E-01	1.20E-01	1.70E-02	2.98E-06	6.42E-03	9.39E-03	1.71E-03	9.78E-04	1.87E-02	2.09E-03
2040-04-01	14	7.94E-03	3.45E+01	6.97E-02	6.74E-03	4.11E-01	1.13E+01	1.14E-02	8.83E-04	4.33E-04	6.38E-04	3.49E-0									

Pond_1 10ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2044-01-01	18	8.36E-03	4.05E+01	8.32E-02	8.47E-03	3.93E-01	1.25E+01	1.22E-02	1.10E-03	4.12E-04	8.00E-04	3.32E-01	1.57E-01	1.75E-02	2.88E-06	8.50E-03	1.19E-02	1.99E-03	1.00E-03	2.42E-02	1.99E-03
2044-02-01	18	8.38E-03	4.06E+01	8.35E-02	8.50E-03	3.94E-01	1.25E+01	1.22E-02	1.10E-03	4.13E-04	8.03E-04	3.33E-01	1.58E-01	1.75E-02	2.89E-06	8.53E-03	1.20E-02	2.00E-03	1.01E-03	2.43E-02	1.99E-03
2044-03-01	18	8.69E-03	4.21E+01	8.63E-02	8.82E-03	4.06E-01	1.30E+01	1.24E-02	1.14E-03	4.27E-04	8.34E-04	3.44E-01	1.64E-01	1.76E-02	2.97E-06	8.86E-03	1.24E-02	2.07E-03	1.04E-03	2.52E-02	2.01E-03
2044-04-01	18	8.87E-03	4.31E+01	8.90E-02	9.14E-03	4.10E-01	1.34E+01	1.25E-02	1.18E-03	4.32E-04	8.63E-04	3.49E-01	1.70E-01	1.77E-02	3.00E-06	9.18E-03	1.28E-02	2.13E-03	1.06E-03	2.61E-02	2.00E-03
2044-05-01	18	8.29E-03	4.05E+01	8.50E-02	8.70E-03	3.83E-01	1.27E+01	1.23E-02	1.12E-03	3.99E-04	8.21E-04	3.21E-01	1.61E-01	1.76E-02	2.80E-06	8.72E-03	1.22E-02	2.00E-03	9.87E-04	2.48E-02	1.94E-03
2044-06-01	18	8.40E-03	4.11E+01	8.62E-02	8.84E-03	3.86E-01	1.28E+01	1.24E-02	1.14E-03	4.03E-04	8.34E-04	3.25E-01	1.64E-01	1.76E-02	2.83E-06	8.87E-03	1.24E-02	2.03E-03	9.99E-04	2.52E-02	1.95E-03
2044-07-01	18	8.49E-03	4.15E+01	8.70E-02	8.93E-03	3.90E-01	1.30E+01	1.24E-02	1.15E-03	4.07E-04	8.43E-04	3.28E-01	1.66E-01	1.77E-02	2.85E-06	8.96E-03	1.25E-02	2.05E-03	1.01E-03	2.55E-02	1.95E-03
2044-08-01	18	8.54E-03	4.18E+01	8.76E-02	9.00E-03	3.92E-01	1.31E+01	1.24E-02	1.16E-03	4.10E-04	8.49E-04	3.31E-01	1.67E-01	1.77E-02	2.87E-06	9.03E-03	1.26E-02	2.07E-03	1.02E-03	2.57E-02	1.96E-03
2044-09-01	18	8.58E-03	4.20E+01	8.79E-02	9.04E-03	3.93E-01	1.31E+01	1.25E-02	1.17E-03	4.12E-04	8.52E-04	3.32E-01	1.68E-01	1.77E-02	2.88E-06	9.06E-03	1.27E-02	2.08E-03	1.02E-03	2.58E-02	1.96E-03
2044-10-01	18	8.58E-03	4.20E+01	8.79E-02	9.04E-03	3.94E-01	1.31E+01	1.25E-02	1.17E-03	4.12E-04	8.53E-04	3.32E-01	1.68E-01	1.77E-02	2.88E-06	9.07E-03	1.27E-02	2.08E-03	1.02E-03	2.58E-02	1.96E-03
2044-11-01	18	8.57E-03	4.19E+01	8.78E-02	9.03E-03	3.93E-01	1.31E+01	1.25E-02	1.16E-03	4.11E-04	8.52E-04	3.32E-01	1.67E-01	1.77E-02	2.88E-06	9.06E-03	1.27E-02	2.07E-03	1.02E-03	2.58E-02	1.96E-03
2044-12-01	18	8.57E-03	4.19E+01	8.78E-02	9.02E-03	3.93E-01	1.31E+01	1.25E-02	1.16E-03	4.11E-04	8.51E-04	3.31E-01	1.67E-01	1.77E-02	2.88E-06	9.05E-03	1.27E-02	2.07E-03	1.02E-03	2.58E-02	1.96E-03
2045-01-01	19	8.58E-03	4.20E+01	8.79E-02	9.04E-03	3.93E-01	1.31E+01	1.25E-02	1.17E-03	4.12E-04	8.52E-04	3.32E-01	1.68E-01	1.77E-02	2.88E-06	9.06E-03	1.27E-02	2.07E-03	1.02E-03	2.58E-02	1.96E-03
2045-02-01	19	8.65E-03	4.23E+01	8.86E-02	9.11E-03	3.96E-01	1.32E+01	1.25E-02	1.18E-03	4.15E-04	8.59E-04	3.34E-01	1.69E-01	1.77E-02	2.90E-06	9.14E-03	1.28E-02	2.09E-03	1.03E-03	2.60E-02	1.96E-03
2045-03-01	19	8.91E-03	4.36E+01	9.11E-02	9.40E-03	4.06E-01	1.37E+01	1.26E-02	1.21E-03	4.27E-04	8.87E-04	3.44E-01	1.74E-01	1.78E-02	2.97E-06	9.43E-03	1.32E-02	2.16E-03	1.06E-03	2.68E-02	1.98E-03
2045-04-01	19	9.15E-03	4.48E+01	9.41E-02	9.77E-03	4.12E-01	1.42E+01	1.28E-02	1.26E-03	4.35E-04	9.20E-04	3.51E-01	1.81E-01	1.79E-02	3.02E-06	9.80E-03	1.36E-02	2.23E-03	1.07E-03	2.78E-02	1.98E-03
2045-05-01	19	8.50E-03	4.17E+01	8.93E-02	9.22E-03	3.83E-01	1.33E+01	1.25E-02	1.19E-03	3.99E-04	8.67E-04	3.22E-01	1.71E-01	1.78E-02	2.81E-06	9.24E-03	1.29E-02	2.08E-03	1.00E-03	2.63E-02	1.92E-03
2045-06-01	19	8.61E-03	4.23E+01	9.04E-02	9.35E-03	3.87E-01	1.35E+01	1.26E-02	1.20E-03	4.04E-04	8.80E-04	3.25E-01	1.73E-01	1.78E-02	2.83E-06	9.37E-03	1.31E-02	2.11E-03	1.01E-03	2.66E-02	1.92E-03
2045-07-01	19	8.70E-03	4.27E+01	9.13E-02	9.46E-03	3.90E-01	1.36E+01	1.26E-02	1.22E-03	4.08E-04	8.90E-04	3.29E-01	1.75E-01	1.78E-02	2.86E-06	9.47E-03	1.32E-02	2.13E-03	1.02E-03	2.69E-02	1.93E-03
2045-08-01	19	8.75E-03	4.30E+01	9.18E-02	9.52E-03	3.92E-01	1.37E+01	1.26E-02	1.22E-03	4.10E-04	8.96E-04	3.31E-01	1.76E-01	1.78E-02	2.87E-06	9.54E-03	1.33E-02	2.14E-03	1.03E-03	2.71E-02	1.93E-03
2045-09-01	19	8.79E-03	4.31E+01	9.22E-02	9.56E-03	3.94E-01	1.38E+01	1.27E-02	1.23E-03	4.12E-04	8.99E-04	3.32E-01	1.77E-01	1.78E-02	2.88E-06	9.58E-03	1.34E-02	2.15E-03	1.03E-03	2.72E-02	1.93E-03
2045-10-01	19	8.79E-03	4.31E+01	9.22E-02	9.56E-03	3.94E-01	1.38E+01	1.27E-02	1.23E-03	4.12E-04	8.99E-04	3.32E-01	1.77E-01	1.78E-02	2.88E-06	9.58E-03	1.34E-02	2.15E-03	1.03E-03	2.72E-02	1.93E-03
2045-11-01	19	8.78E-03	4.31E+01	9.21E-02	9.55E-03	3.93E-01	1.38E+01	1.27E-02	1.23E-03	4.12E-04	8.98E-04	3.32E-01	1.77E-01	1.78E-02	2.88E-06	9.57E-03	1.34E-02	2.15E-03	1.03E-03	2.72E-02	1.93E-03
2045-12-01	19	8.78E-03	4.31E+01	9.21E-02	9.54E-03	3.93E-01	1.38E+01	1.27E-02	1.23E-03	4.11E-04	8.98E-04	3.32E-01	1.77E-01	1.78E-02	2.88E-06	9.56E-03	1.33E-02	2.15E-03	1.03E-03	2.72E-02	1.93E-03
2046-01-01	20	8.78E-03	4.31E+01	9.21E-02	9.55E-03	3.93E-01	1.38E+01	1.27E-02	1.23E-03	4.12E-04	8.99E-04	3.32E-01	1.77E-01	1.78E-02	2.88E-06	9.57E-03	1.34E-02	2.15E-03	1.03E-03	2.72E-02	1.93E-03
2046-02-01	20	8.86E-03	4.35E+01	9.28E-02	9.64E-03	3.96E-01	1.39E+01	1.27E-02	1.24E-03	4.15E-04	9.07E-04	3.35E-01	1.79E-01	1.79E-02	2.90E-06	9.66E-03	1.35E-02	2.17E-03	1.04E-03	2.74E-02	1.93E-03
2046-03-01	20	9.13E-03	4.48E+01	9.55E-02	9.95E-03	4.06E-01	1.43E+01	1.28E-02	1.28E-03	4.27E-04	9.36E-04	3.45E-01	1.84E-								

Pond_1 10ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium	Vanadium mg/L	Tungsten	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2050-03-01	24	1.03E-02	5.47E+01	1.19E-01	1.29E-02	4.06E-01	1.70E+01	1.40E-02	1.63E-03	4.27E-04	1.21E-03	3.45E-01	2.39E-01	1.88E-02	2.97E-06	1.29E-02	1.77E-02	2.68E-03	1.15E-03	3.62E-02	1.89E-03
2050-04-01	24	1.06E-02	5.65E+01	1.23E-01	1.34E-02	4.12E-01	1.75E+01	1.42E-02	1.70E-03	4.34E-04	1.26E-03	3.51E-01	2.49E-01	1.89E-02	3.02E-06	1.34E-02	1.84E-02	2.77E-03	1.17E-03	3.75E-02	1.89E-03
2050-05-01	24	9.86E-03	5.32E+01	1.17E-01	1.27E-02	3.83E-01	1.64E+01	1.39E-02	1.60E-03	3.99E-04	1.19E-03	3.22E-01	2.35E-01	1.87E-02	2.80E-06	1.26E-02	1.74E-02	2.60E-03	1.09E-03	3.54E-02	1.85E-03
2050-06-01	24	9.99E-03	5.39E+01	1.19E-01	1.28E-02	3.87E-01	1.67E+01	1.40E-02	1.63E-03	4.03E-04	1.21E-03	3.26E-01	2.38E-01	1.87E-02	2.83E-06	1.28E-02	1.77E-02	2.64E-03	1.10E-03	3.60E-02	1.85E-03
2050-07-01	24	1.01E-02	5.45E+01	1.20E-01	1.30E-02	3.90E-01	1.68E+01	1.40E-02	1.64E-03	4.08E-04	1.22E-03	3.29E-01	2.41E-01	1.88E-02	2.85E-06	1.29E-02	1.79E-02	2.66E-03	1.11E-03	3.64E-02	1.85E-03
2050-08-01	24	1.02E-02	5.49E+01	1.20E-01	1.31E-02	3.92E-01	1.70E+01	1.41E-02	1.65E-03	4.10E-04	1.23E-03	3.31E-01	2.43E-01	1.88E-02	2.87E-06	1.30E-02	1.80E-02	2.68E-03	1.12E-03	3.66E-02	1.86E-03
2050-09-01	24	1.02E-02	5.51E+01	1.21E-01	1.31E-02	3.94E-01	1.70E+01	1.41E-02	1.66E-03	4.12E-04	1.23E-03	3.33E-01	2.44E-01	1.88E-02	2.88E-06	1.31E-02	1.80E-02	2.69E-03	1.13E-03	3.68E-02	1.86E-03
2050-10-01	24	1.02E-02	5.51E+01	1.21E-01	1.31E-02	3.94E-01	1.70E+01	1.41E-02	1.66E-03	4.12E-04	1.23E-03	3.33E-01	2.44E-01	1.88E-02	2.88E-06	1.31E-02	1.80E-02	2.69E-03	1.13E-03	3.68E-02	1.86E-03
2050-11-01	24	1.02E-02	5.50E+01	1.21E-01	1.31E-02	3.93E-01	1.70E+01	1.41E-02	1.66E-03	4.12E-04	1.23E-03	3.32E-01	2.44E-01	1.88E-02	2.88E-06	1.31E-02	1.80E-02	2.69E-03	1.12E-03	3.67E-02	1.86E-03
2050-12-01	24	1.02E-02	5.50E+01	1.21E-01	1.31E-02	3.93E-01	1.70E+01	1.41E-02	1.66E-03	4.11E-04	1.23E-03	3.32E-01	2.43E-01	1.88E-02	2.88E-06	1.31E-02	1.80E-02	2.69E-03	1.12E-03	3.67E-02	1.86E-03
2051-01-01	25	1.02E-02	5.51E+01	1.21E-01	1.31E-02	3.93E-01	1.70E+01	1.41E-02	1.66E-03	4.12E-04	1.23E-03	3.33E-01	2.44E-01	1.88E-02	2.88E-06	1.31E-02	1.80E-02	2.69E-03	1.12E-03	3.68E-02	1.86E-03
2051-02-01	25	1.03E-02	5.55E+01	1.22E-01	1.32E-02	3.96E-01	1.72E+01	1.41E-02	1.67E-03	4.15E-04	1.24E-03	3.35E-01	2.46E-01	1.89E-02	2.90E-06	1.32E-02	1.82E-02	2.72E-03	1.13E-03	3.71E-02	1.86E-03
2051-03-01	25	1.06E-02	5.73E+01	1.25E-01	1.37E-02	4.06E-01	1.77E+01	1.43E-02	1.73E-03	4.27E-04	1.28E-03	3.45E-01	2.54E-01	1.90E-02	2.97E-06	1.36E-02	1.87E-02	2.80E-03	1.17E-03	3.82E-02	1.87E-03
2051-04-01	25	1.09E-02	5.93E+01	1.30E-01	1.42E-02	4.12E-01	1.83E+01	1.46E-02	1.79E-03	4.35E-04	1.33E-03	3.52E-01	2.63E-01	1.91E-02	3.02E-06	1.41E-02	1.94E-02	2.89E-03	1.19E-03	3.97E-02	1.88E-03
2051-05-01	25	1.02E-02	5.57E+01	1.23E-01	1.34E-02	3.83E-01	1.71E+01	1.42E-02	1.69E-03	3.99E-04	1.26E-03	3.23E-01	2.48E-01	1.89E-02	2.80E-06	1.33E-02	1.84E-02	2.71E-03	1.11E-03	3.75E-02	1.84E-03
2051-06-01	25	1.03E-02	5.65E+01	1.24E-01	1.36E-02	3.87E-01	1.73E+01	1.43E-02	1.72E-03	4.04E-04	1.28E-03	3.26E-01	2.52E-01	1.90E-02	2.83E-06	1.35E-02	1.86E-02	2.75E-03	1.12E-03	3.80E-02	1.84E-03
2051-07-01	25	1.04E-02	5.71E+01	1.26E-01	1.37E-02	3.90E-01	1.75E+01	1.44E-02	1.74E-03	4.08E-04	1.29E-03	3.30E-01	2.55E-01	1.90E-02	2.86E-06	1.37E-02	1.88E-02	2.78E-03	1.13E-03	3.84E-02	1.84E-03
2051-08-01	25	1.05E-02	5.75E+01	1.26E-01	1.38E-02	3.92E-01	1.76E+01	1.44E-02	1.75E-03	4.10E-04	1.30E-03	3.32E-01	2.56E-01	1.90E-02	2.87E-06	1.38E-02	1.89E-02	2.80E-03	1.14E-03	3.87E-02	1.85E-03
2051-09-01	25	1.05E-02	5.77E+01	1.27E-01	1.39E-02	3.94E-01	1.77E+01	1.44E-02	1.75E-03	4.12E-04	1.30E-03	3.33E-01	2.57E-01	1.90E-02	2.88E-06	1.38E-02	1.90E-02	2.81E-03	1.15E-03	3.88E-02	1.85E-03
2051-10-01	25	1.05E-02	5.77E+01	1.27E-01	1.39E-02	3.94E-01	1.77E+01	1.44E-02	1.75E-03	4.12E-04	1.30E-03	3.33E-01	2.57E-01	1.90E-02	2.88E-06	1.38E-02	1.90E-02	2.81E-03	1.15E-03	3.88E-02	1.85E-03
2051-11-01	25	1.05E-02	5.77E+01	1.27E-01	1.39E-02	3.93E-01	1.76E+01	1.44E-02	1.75E-03	4.12E-04	1.30E-03	3.33E-01	2.57E-01	1.90E-02	2.88E-06	1.38E-02	1.90E-02	2.80E-03	1.14E-03	3.88E-02	1.85E-03
2051-12-01	25	1.05E-02	5.76E+01	1.27E-01	1.39E-02	3.93E-01	1.76E+01	1.44E-02	1.75E-03	4.11E-04	1.30E-03	3.32E-01	2.57E-01	1.90E-02	2.88E-06	1.38E-02	1.90E-02	2.80E-03	1.14E-03	3.88E-02	1.85E-03
2052-01-01	26	1.05E-02	5.77E+01	1.27E-01	1.39E-02	3.93E-01	1.77E+01	1.44E-02	1.75E-03	4.12E-04	1.30E-03	3.33E-01	2.57E-01	1.90E-02	2.88E-06	1.38E-02	1.90E-02	2.80E-03	1.15E-03	3.88E-02	1.85E-03
2052-02-01	26	1.06E-02	5.82E+01	1.28E-01	1.40E-02	3.96E-01	1.78E+01	1.45E-02	1.77E-03	4.15E-04	1.31E-03	3.35E-01	2.59E-01	1.91E-02	2.90E-06	1.39E-02	1.91E-02	2.83E-03	1.15E-03	3.91E-02	1.85E-03
2052-03-01	26	1.09E-02	6.02E+01	1.32E-01	1.45E-02	4.07E-01	1.84E+01	1.47E-02	1.83E-03	4.29E-04	1.36E-03	3.47E-01	2.68E-01	1.92E-02	2.98E-06	1.44E-02	1.98E-02	2.93E-03	1.19E-03	4.05E-02	1.86E-03
2052-04-01	26	1.12E-02	6.16E+01	1.35E-01	1.48E-02	4.12E-01	1.88E+01	1.49E-02	1.88E-03	4.34E-04	1.39E-03	3.51E-01	2.75E-01	1.93E-02	3.01E-06	1.48E-02	2.03E-02	2.99E-03	1.21E-03	4.16E-02	1.87E-03
2052-05-01	26	1.04E-02	5.75E+01	1.27E-01	1.39E-02	3.84E-01	1.75E+01	1.45E-02	1.76E-03	4.00E-04	1.31E-03	3.23E-01	2.57E-01								

Pond 1 15ppmTSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
Pond 1 Statistics (Year 1 to Year 30)																								
Minimum		8.28	4.09	0.292	0.00013	0.0184	0.00013	0.0231	0.000461	0.00000567	0.71	0.000007692	0.0010952	0.021215	0.00000617	0.000836	7.0355E-06	16.1615	3.4405E-06	0.0011245	0.0131314	0.0014855	0.86761	2.7122
P10		25.3	12.7	0.795	0.000336	0.0475	0.00782	0.0247	0.000493	0.00000587	0.7143	0.000007706	0.0031552	0.022415	0.00000636	0.001639	9.9155E-06	23.0615	1.24705E-05	0.0012165	0.013312	0.0024575	0.9395	3.9222
Median		102	50.5	3.43	0.095	13.4	0.101	0.0257	0.000514	0.00000604	0.7153	0.000007714	0.0114552	0.035115	0.00000648	0.003369	1.01855E-05	44.1615	3.52705E-05	0.0015005	0.013322	0.0060075	0.942	8.0422
P90		201	99.6	6.89	0.208	29.5	0.214	0.0267	0.000535	0.00000624	0.7166	0.000007723	0.0227552	0.059415	0.0000066	0.006839	1.06655E-05	69.1615	6.50705E-05	0.0018695	0.01334	0.0106475	0.9466	12.5522
Maximum		220	109	7.55	0.229	32.3	0.235	0.0309	0.000618	0.00000636	0.7176	0.000007758	0.0249552	0.071515	0.00000709	0.008159	1.10255E-05	74.8615	7.09705E-05	0.0019445	0.013373	0.0115875	0.9635	13.5522
Monthly Results																								
2027-01-01	1	8.28	4.09	0.292	0.00013	0.0184	0.00013	0.0309	6.18E-04	5.90E-06	7.10E-01	7.76E-06	1.10E-03	2.43E-02	7.09E-06	8.36E-04	7.04E-06	1.94E+01	3.44E-06	1.12E-03	1.31E-02	1.49E-03	8.68E-01	3.28E+00
2027-02-01	1	8.46	4.19	0.298	0.000134	0.0189	0.000328	0.0307	6.15E-04	5.91E-06	7.10E-01	7.76E-06	1.12E-03	2.48E-02	7.07E-06	8.48E-04	7.14E-06	1.93E+01	3.62E-06	1.13E-03	1.31E-02	1.50E-03	8.70E-01	3.27E+00
2027-03-01	1	8.75	4.34	0.308	0.00014	0.0197	0.000641	0.0305	6.09E-04	5.91E-06	7.10E-01	7.75E-06	1.16E-03	2.56E-02	7.04E-06	8.69E-04	7.31E-06	1.92E+01	3.91E-06	1.13E-03	1.31E-02	1.52E-03	8.74E-01	3.25E+00
2027-04-01	1	9.98	5	0.351	0.000164	0.0232	0.00201	0.0292	5.84E-04	5.93E-06	7.11E-01	7.74E-06	1.33E-03	2.92E-02	6.89E-06	9.56E-04	8.00E-06	1.88E+01	5.16E-06	1.14E-03	1.32E-02	1.63E-03	8.91E-01	3.17E+00
2027-05-01	1	13.2	6.75	0.462	0.00023	0.0325	0.0058	0.0252	5.04E-04	5.88E-06	7.14E-01	7.71E-06	1.78E-03	3.86E-02	6.42E-06	1.19E-03	9.82E-06	1.71E+01	8.57E-06	1.17E-03	1.33E-02	1.90E-03	9.37E-01	2.87E+00
2027-06-01	1	14.7	7.51	0.51	0.000258	0.0365	0.00743	0.0235	4.70E-04	5.87E-06	7.15E-01	7.70E-06	1.97E-03	4.27E-02	6.22E-06	1.29E-03	1.06E-05	1.64E+01	1.01E-05	1.18E-03	1.34E-02	2.02E-03	9.57E-01	2.75E+00
2027-07-01	1	15	7.7	0.523	0.000265	0.0375	0.00776	0.0234	4.69E-04	5.92E-06	7.15E-01	7.70E-06	2.02E-03	4.38E-02	6.21E-06	1.31E-03	1.08E-05	1.64E+01	1.04E-05	1.19E-03	1.34E-02	2.05E-03	9.61E-01	2.75E+00
2027-08-01	1	15.2	7.8	0.529	0.000269	0.038	0.00789	0.0236	4.72E-04	5.96E-06	7.16E-01	7.70E-06	2.05E-03	4.43E-02	6.23E-06	1.33E-03	1.09E-05	1.65E+01	1.05E-05	1.19E-03	1.34E-02	2.06E-03	9.62E-01	2.77E+00
2027-09-01	1	15.4	7.87	0.534	0.000271	0.0383	0.00797	0.0238	4.76E-04	6.01E-06	7.16E-01	7.70E-06	2.06E-03	4.47E-02	6.26E-06	1.34E-03	1.10E-05	1.67E+01	1.06E-05	1.19E-03	1.34E-02	2.07E-03	9.63E-01	2.80E+00
2027-10-01	1	15.2	7.77	0.527	0.000268	0.0379	0.00787	0.0235	4.70E-04	5.94E-06	7.16E-01	7.70E-06	2.04E-03	4.42E-02	6.22E-06	1.32E-03	1.09E-05	1.65E+01	1.05E-05	1.19E-03	1.34E-02	2.06E-03	9.62E-01	2.76E+00
2027-11-01	1	15	7.69	0.521	0.000265	0.0374	0.00778	0.0232	4.64E-04	5.88E-06	7.15E-01	7.69E-06	2.02E-03	4.37E-02	6.19E-06	1.31E-03	1.08E-05	1.63E+01	1.04E-05	1.19E-03	1.34E-02	2.05E-03	9.61E-01	2.73E+00
2027-12-01	1	14.9	7.64	0.518	0.000263	0.0372	0.00774	0.0231	4.61E-04	5.85E-06	7.15E-01	7.69E-06	2.01E-03	4.34E-02	6.17E-06	1.31E-03	1.07E-05	1.62E+01	1.03E-05	1.19E-03	1.34E-02	2.04E-03	9.61E-01	2.71E+00
2028-01-01	2	14.9	7.64	0.518	0.000263	0.0372	0.00774	0.0231	4.61E-04	5.85E-06	7.15E-01	7.69E-06	2.01E-03	4.34E-02	6.17E-06	1.31E-03	1.07E-05	1.62E+01	1.03E-05	1.19E-03	1.34E-02	2.04E-03	9.61E-01	2.71E+00
2028-02-01	2	15.1	7.74	0.525	0.000265	0.0374	0.00774	0.0231	4.62E-04	5.85E-06	7.15E-01	7.69E-06	2.03E-03	4.38E-02	6.17E-06	1.32E-03	1.08E-05	1.63E+01	1.04E-05	1.19E-03	1.34E-02	2.05E-03	9.61E-01	2.73E+00
2028-03-01	2	15.4	7.91	0.536	0.000268	0.0378	0.00776	0.0231	4.63E-04	5.86E-06	7.15E-01	7.69E-06	2.08E-03	4.44E-02	6.18E-06	1.35E-03	1.08E-05	1.64E+01	1.05E-05	1.19E-03	1.34E-02	2.07E-03	9.61E-01	2.76E+00
2028-04-01	2	16.9	8.61	0.582	0.00028	0.0395	0.00781	0.0233	4.65E-04	5.89E-06	7.15E-01	7.69E-06	2.26E-03	4.70E-02	6.19E-06	1.46E-03	1.08E-05	1.71E+01	1.09E-05	1.19E-03	1.34E-02	2.14E-03	9.61E-01	2.86E+00
2028-05-01	2	20.5	10.4	0.699	0.000307	0.0434	0.00781	0.0232	4.63E-04	5.87E-06	7.15E-01	7.69E-06	2.74E-03	5.34E-02	6.18E-06	1.76E-03	1.08E-05	1.86E+01	1.20E-05	1.21E-03	1.34E-02	2.32E-03	9.61E-01	3.11E+00
2028-06-01	2	22.1	11.2	0.751	0.00032	0.0452	0.00782	0.0231	4.63E-04	5.87E-06	7.15E-01	7.69E-06	2.95E-03	5.62E-02	6.18E-06	1.88E-03	1.08E-05	1.92E+01	1.25E-05	1.21E-03	1.34E-02	2.39E-03	9.61E-01	3.22E+00
2028-07-01	2	22.6	11.4	0.766	0.000325	0.0459	0.00789	0.0234	4.67E-04	5.92E-06	7.16E-01	7.70E-06	3.01E-03	5.72E-02	6.21E-06	1.92E-03	1.09E-05	1.95E+01	1.27E-05	1.22E-03	1.34E-02	2.42E-03	9.62E-01	3.27E+00
2028-08-01	2	22.8	11.6	0.775	0.000328	0.0463	0.00797	0.0236	4.71E-04	5.96E-06	7.16E-01	7.70E-06	3.04E-03	5.78E-02	6.23E-06	1.94E-03	1.09E-05	1.97E+01	1.28E-05	1.22E-03	1.34E-02	2.43E-03	9.63E-01	3.30

Pond_1 15ppmTSS																								
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2032-04-01	6	25.7	12.9	0.812	0.00817	1.15	0.0137	0.0258	5.16E-04	5.97E-06	7.14E-01	7.72E-06	3.22E-03	4.45E-02	6.49E-06	1.58E-03	9.89E-06	2.67E+01	1.23E-05	1.22E-03	1.33E-02	2.47E-03	9.36E-01	4.69E+00
2032-05-01	6	24.3	12.2	0.765	0.0102	1.44	0.0159	0.0247	4.94E-04	5.82E-06	7.14E-01	7.71E-06	3.05E-03	4.10E-02	6.36E-06	1.46E-03	9.81E-06	2.59E+01	1.20E-05	1.21E-03	1.33E-02	2.41E-03	9.38E-01	4.57E+00
2032-06-01	6	24.7	12.4	0.777	0.0107	1.51	0.0165	0.0251	5.03E-04	5.92E-06	7.14E-01	7.71E-06	3.09E-03	4.15E-02	6.41E-06	1.47E-03	9.99E-06	2.64E+01	1.22E-05	1.21E-03	1.33E-02	2.43E-03	9.40E-01	4.66E+00
2032-07-01	6	25	12.6	0.786	0.0108	1.53	0.0167	0.0254	5.08E-04	5.98E-06	7.15E-01	7.71E-06	3.13E-03	4.19E-02	6.45E-06	1.48E-03	1.01E-05	2.67E+01	1.23E-05	1.22E-03	1.33E-02	2.45E-03	9.41E-01	4.71E+00
2032-08-01	6	25.2	12.7	0.791	0.0109	1.55	0.0169	0.0256	5.12E-04	6.02E-06	7.15E-01	7.71E-06	3.15E-03	4.22E-02	6.47E-06	1.49E-03	1.01E-05	2.69E+01	1.24E-05	1.22E-03	1.33E-02	2.46E-03	9.42E-01	4.75E+00
2032-09-01	6	25.3	12.7	0.795	0.011	1.55	0.017	0.0257	5.14E-04	6.04E-06	7.15E-01	7.71E-06	3.16E-03	4.23E-02	6.48E-06	1.49E-03	1.02E-05	2.70E+01	1.25E-05	1.22E-03	1.33E-02	2.46E-03	9.42E-01	4.77E+00
2032-10-01	6	25.3	12.7	0.795	0.011	1.56	0.017	0.0257	5.15E-04	6.04E-06	7.15E-01	7.71E-06	3.16E-03	4.24E-02	6.48E-06	1.49E-03	1.02E-05	2.70E+01	1.25E-05	1.22E-03	1.33E-02	2.46E-03	9.42E-01	4.77E+00
2032-11-01	6	25.3	12.7	0.794	0.011	1.55	0.017	0.0257	5.14E-04	6.04E-06	7.15E-01	7.71E-06	3.16E-03	4.23E-02	6.48E-06	1.49E-03	1.02E-05	2.70E+01	1.25E-05	1.22E-03	1.33E-02	2.46E-03	9.42E-01	4.77E+00
2032-12-01	6	25.3	12.7	0.794	0.011	1.55	0.017	0.0257	5.14E-04	6.04E-06	7.15E-01	7.71E-06	3.16E-03	4.23E-02	6.48E-06	1.49E-03	1.02E-05	2.70E+01	1.25E-05	1.22E-03	1.33E-02	2.46E-03	9.42E-01	4.77E+00
2033-01-01	7	25.3	12.7	0.795	0.011	1.56	0.017	0.0257	5.15E-04	6.04E-06	7.15E-01	7.71E-06	3.16E-03	4.23E-02	6.48E-06	1.49E-03	1.02E-05	2.70E+01	1.25E-05	1.22E-03	1.33E-02	2.46E-03	9.42E-01	4.77E+00
2033-02-01	7	25.5	12.8	0.802	0.0112	1.58	0.0172	0.0258	5.17E-04	6.06E-06	7.15E-01	7.72E-06	3.19E-03	4.27E-02	6.49E-06	1.50E-03	1.02E-05	2.72E+01	1.26E-05	1.22E-03	1.33E-02	2.48E-03	9.42E-01	4.80E+00
2033-03-01	7	26.7	13.4	0.839	0.0119	1.69	0.0181	0.0267	5.33E-04	6.23E-06	7.16E-01	7.72E-06	3.33E-03	4.46E-02	6.59E-06	1.54E-03	1.05E-05	2.81E+01	1.30E-05	1.22E-03	1.33E-02	2.54E-03	9.45E-01	4.98E+00
2033-04-01	7	30.4	15.3	0.958	0.0157	2.22	0.022	0.0271	5.42E-04	6.32E-06	7.17E-01	7.73E-06	3.74E-03	5.09E-02	6.64E-06	1.62E-03	1.06E-05	2.97E+01	1.42E-05	1.24E-03	1.33E-02	2.71E-03	9.46E-01	5.28E+00
2033-05-01	7	32.2	16.1	1.02	0.0191	2.7	0.0249	0.0249	4.97E-04	5.87E-06	7.14E-01	7.71E-06	3.92E-03	5.41E-02	6.38E-06	1.59E-03	9.91E-06	2.88E+01	1.44E-05	1.24E-03	1.33E-02	2.77E-03	9.40E-01	5.16E+00
2033-06-01	7	33.2	16.6	1.05	0.02	2.82	0.0258	0.0252	5.03E-04	5.93E-06	7.14E-01	7.71E-06	4.03E-03	5.57E-02	6.42E-06	1.61E-03	1.00E-05	2.94E+01	1.47E-05	1.24E-03	1.33E-02	2.82E-03	9.40E-01	5.26E+00
2033-07-01	7	33.6	16.8	1.06	0.0203	2.86	0.0262	0.0254	5.09E-04	5.98E-06	7.15E-01	7.71E-06	4.08E-03	5.64E-02	6.45E-06	1.63E-03	1.01E-05	2.97E+01	1.49E-05	1.25E-03	1.33E-02	2.84E-03	9.41E-01	5.32E+00
2033-08-01	7	33.9	17	1.07	0.0204	2.89	0.0264	0.0256	5.12E-04	6.02E-06	7.15E-01	7.71E-06	4.11E-03	5.68E-02	6.47E-06	1.64E-03	1.01E-05	2.99E+01	1.50E-05	1.25E-03	1.33E-02	2.86E-03	9.42E-01	5.36E+00
2033-09-01	7	34	17	1.07	0.0205	2.9	0.0265	0.0257	5.15E-04	6.04E-06	7.15E-01	7.71E-06	4.13E-03	5.71E-02	6.48E-06	1.65E-03	1.02E-05	3.00E+01	1.51E-05	1.25E-03	1.33E-02	2.87E-03	9.42E-01	5.38E+00
2033-10-01	7	34.1	17.1	1.08	0.0206	2.9	0.0265	0.0257	5.15E-04	6.04E-06	7.15E-01	7.71E-06	4.13E-03	5.71E-02	6.48E-06	1.65E-03	1.02E-05	3.01E+01	1.51E-05	1.25E-03	1.33E-02	2.87E-03	9.42E-01	5.38E+00
2033-11-01	7	34	17	1.07	0.0205	2.9	0.0265	0.0257	5.14E-04	6.04E-06	7.15E-01	7.71E-06	4.13E-03	5.71E-02	6.48E-06	1.65E-03	1.02E-05	3.00E+01	1.51E-05	1.25E-03	1.33E-02	2.87E-03	9.42E-01	5.38E+00
2033-12-01	7	34	17	1.07	0.0205	2.9	0.0265	0.0257	5.14E-04	6.04E-06	7.15E-01	7.71E-06	4.12E-03	5.70E-02	6.48E-06	1.64E-03	1.02E-05	3.00E+01	1.51E-05	1.25E-03	1.33E-02	2.86E-03	9.42E-01	5.38E+00
2034-01-01	8	34.1	17.1	1.08	0.0206	2.91	0.0265	0.0257	5.15E-04	6.04E-06	7.15E-01	7.71E-06	4.13E-03	5.71E-02	6.48E-06	1.65E-03	1.02E-05	3.01E+01	1.51E-05	1.25E-03	1.33E-02	2.87E-03	9.42E-01	5.38E+00
2034-02-01	8	34.3	17.2	1.08	0.0208	2.94	0.0268	0.0258	5.17E-04	6.07E-06	7.15E-01	7.72E-06	4.16E-03	5.75E-02	6.49E-06	1.65E-03	1.02E-05	3.02E+01	1.52E-05	1.25E-03	1.33E-02	2.88E-03	9.42E-01	5.41E+00
2034-03-01	8	35.8	17.9	1.13	0.0218	3.09	0.028	0.0267	5.33E-04	6.23E-06	7.16E-01	7.72E-06	4.33E-03	5.98E-02	6.59E-06	1.70E-03	1.05E-05	3.12E+01	1.57E-05	1.26E-03	1.33E-02	2.95E-03		

Fond_1 15ppmTSS																								
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2038-02-01	12	69.3	34.5	2.28	0.0589	8.32	0.0649	0.0259	5.18E-04	6.08E-06	7.15E-01	7.72E-06	7.94E-03	4.76E-02	6.50E-06	2.34E-03	1.02E-05	3.81E+01	2.57E-05	1.38E-03	1.33E-02	4.49E-03	9.43E-01	6.94E+00
2038-03-01	12	71.8	35.7	2.36	0.0611	8.63	0.0673	0.0267	5.34E-04	6.24E-06	7.16E-01	7.72E-06	8.22E-03	4.89E-02	6.60E-06	2.41E-03	1.05E-05	3.93E+01	2.65E-05	1.39E-03	1.33E-02	4.62E-03	9.45E-01	7.16E+00
2038-04-01	12	75.9	37.8	2.52	0.0654	9.25	0.0717	0.0271	5.43E-04	6.33E-06	7.17E-01	7.73E-06	8.65E-03	4.82E-02	6.65E-06	2.51E-03	1.06E-05	3.99E+01	2.78E-05	1.41E-03	1.33E-02	4.81E-03	9.46E-01	7.27E+00
2038-05-01	12	73.6	36.6	2.47	0.0644	9.11	0.0702	0.0249	4.98E-04	5.87E-06	7.14E-01	7.71E-06	8.34E-03	4.24E-02	6.39E-06	2.40E-03	9.92E-06	3.67E+01	2.68E-05	1.39E-03	1.33E-02	4.69E-03	9.40E-01	6.68E+00
2038-06-01	12	75	37.3	2.52	0.0658	9.3	0.0717	0.0252	5.04E-04	5.93E-06	7.15E-01	7.71E-06	8.50E-03	4.26E-02	6.42E-06	2.44E-03	1.00E-05	3.71E+01	2.73E-05	1.40E-03	1.33E-02	4.76E-03	9.40E-01	6.76E+00
2038-07-01	12	75.8	37.7	2.55	0.0665	9.4	0.0725	0.0254	5.09E-04	5.98E-06	7.15E-01	7.71E-06	8.59E-03	4.30E-02	6.45E-06	2.46E-03	1.01E-05	3.75E+01	2.76E-05	1.40E-03	1.33E-02	4.80E-03	9.41E-01	6.83E+00
2038-08-01	12	76.4	38	2.57	0.067	9.47	0.073	0.0256	5.12E-04	6.02E-06	7.15E-01	7.71E-06	8.65E-03	4.33E-02	6.47E-06	2.48E-03	1.01E-05	3.77E+01	2.78E-05	1.41E-03	1.33E-02	4.83E-03	9.42E-01	6.87E+00
2038-09-01	12	76.7	38.2	2.58	0.0673	9.51	0.0733	0.0257	5.15E-04	6.04E-06	7.15E-01	7.71E-06	8.69E-03	4.35E-02	6.48E-06	2.49E-03	1.02E-05	3.79E+01	2.79E-05	1.41E-03	1.33E-02	4.85E-03	9.42E-01	6.90E+00
2038-10-01	12	76.8	38.2	2.58	0.0674	9.52	0.0734	0.0257	5.15E-04	6.04E-06	7.15E-01	7.72E-06	8.69E-03	4.35E-02	6.48E-06	2.49E-03	1.02E-05	3.79E+01	2.79E-05	1.41E-03	1.33E-02	4.85E-03	9.42E-01	6.91E+00
2038-11-01	12	76.7	38.2	2.58	0.0673	9.51	0.0733	0.0257	5.14E-04	6.04E-06	7.15E-01	7.71E-06	8.68E-03	4.34E-02	6.48E-06	2.49E-03	1.02E-05	3.79E+01	2.79E-05	1.41E-03	1.33E-02	4.84E-03	9.42E-01	6.90E+00
2038-12-01	12	76.6	38.1	2.58	0.0673	9.5	0.0732	0.0257	5.14E-04	6.03E-06	7.15E-01	7.71E-06	8.68E-03	4.34E-02	6.48E-06	2.49E-03	1.02E-05	3.78E+01	2.78E-05	1.41E-03	1.33E-02	4.84E-03	9.42E-01	6.89E+00
2039-01-01	13	76.7	38.2	2.58	0.0673	9.51	0.0733	0.0257	5.14E-04	6.04E-06	7.15E-01	7.71E-06	8.68E-03	4.34E-02	6.48E-06	2.49E-03	1.02E-05	3.79E+01	2.79E-05	1.41E-03	1.33E-02	4.84E-03	9.42E-01	6.90E+00
2039-02-01	13	77.3	38.5	2.6	0.0679	9.59	0.0739	0.0259	5.18E-04	6.08E-06	7.15E-01	7.72E-06	8.75E-03	4.37E-02	6.50E-06	2.51E-03	1.02E-05	3.81E+01	2.81E-05	1.41E-03	1.33E-02	4.87E-03	9.43E-01	6.95E+00
2039-03-01	13	80.1	39.8	2.69	0.0704	9.94	0.0766	0.0267	5.34E-04	6.24E-06	7.16E-01	7.72E-06	9.06E-03	4.48E-02	6.59E-06	2.58E-03	1.05E-05	3.94E+01	2.90E-05	1.42E-03	1.33E-02	5.01E-03	9.45E-01	7.18E+00
2039-04-01	13	84.6	42.1	2.85	0.0751	10.6	0.0814	0.0271	5.43E-04	6.33E-06	7.17E-01	7.73E-06	9.55E-03	4.43E-02	6.65E-06	2.71E-03	1.06E-05	4.09E+01	3.04E-05	1.44E-03	1.33E-02	5.22E-03	9.46E-01	7.45E+00
2039-05-01	13	81.8	40.7	2.75	0.0735	10.4	0.0793	0.0249	4.98E-04	5.87E-06	7.14E-01	7.71E-06	9.21E-03	3.92E-02	6.39E-06	2.62E-03	9.93E-06	3.86E+01	2.93E-05	1.43E-03	1.33E-02	5.07E-03	9.40E-01	7.04E+00
2039-06-01	13	83.3	41.4	2.8	0.075	10.6	0.0809	0.0252	5.04E-04	5.93E-06	7.15E-01	7.71E-06	9.38E-03	3.94E-02	6.42E-06	2.66E-03	1.00E-05	3.92E+01	2.98E-05	1.43E-03	1.33E-02	5.14E-03	9.40E-01	7.15E+00
2039-07-01	13	84.2	41.9	2.83	0.0758	10.7	0.0817	0.0254	5.09E-04	5.98E-06	7.15E-01	7.71E-06	9.48E-03	3.97E-02	6.45E-06	2.68E-03	1.01E-05	3.96E+01	3.01E-05	1.43E-03	1.33E-02	5.19E-03	9.41E-01	7.22E+00
2039-08-01	13	84.8	42.2	2.85	0.0764	10.8	0.0824	0.0256	5.13E-04	6.02E-06	7.15E-01	7.71E-06	9.55E-03	4.00E-02	6.47E-06	2.70E-03	1.02E-05	3.99E+01	3.03E-05	1.44E-03	1.33E-02	5.22E-03	9.42E-01	7.27E+00
2039-09-01	13	85.2	42.4	2.87	0.0767	10.8	0.0827	0.0257	5.15E-04	6.04E-06	7.15E-01	7.71E-06	9.59E-03	4.01E-02	6.48E-06	2.71E-03	1.02E-05	4.00E+01	3.04E-05	1.44E-03	1.33E-02	5.24E-03	9.42E-01	7.30E+00
2039-10-01	13	85.2	42.4	2.87	0.0768	10.8	0.0828	0.0257	5.15E-04	6.05E-06	7.15E-01	7.72E-06	9.59E-03	4.02E-02	6.48E-06	2.71E-03	1.02E-05	4.01E+01	3.04E-05	1.44E-03	1.33E-02	5.24E-03	9.42E-01	7.30E+00
2039-11-01	13	85.1	42.3	2.87	0.0767	10.8	0.0827	0.0257	5.14E-04	6.04E-06	7.15E-01	7.71E-06	9.58E-03	4.01E-02	6.48E-06	2.71E-03	1.02E-05	4.00E+01	3.04E-05	1.44E-03	1.33E-02	5.23E-03	9.42E-01	7.30E+00
2039-12-01	13	85.1	42.3	2.86	0.0767	10.8	0.0826	0.0257	5.14E-04	6.04E-06	7.15E-01	7.71E-06	9.58E-03	4.01E-02	6.48E-06	2.71E-03	1.02E-05	4.00E+01	3.04E-05	1.44E-03	1.33E-02	5.23E-03	9.42E-01	7.29E+00
2040-01-01	14	85.1	42.3	2.87	0.0767	10.8	0.0827	0.0257	5.14E-04	6.04E-06	7.15E-01	7.71E-06	9.58E-03	4.01E-02	6.48E-06	2.71E-03	1.02E-05	4.00E+01	3.04E-05	1.44E-				

Fond_1 15ppmTSS																								
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2043-12-01	17	118	58.4	4.01	0.113	16	0.119	0.0257	5.14E-04	6.04E-06	7.15E-01	7.71E-06	1.32E-02	3.16E-02	6.48E-06	3.79E-03	1.02E-05	4.74E+01	4.01E-05	1.56E-03	1.33E-02	6.75E-03	9.42E-01	8.62E+00
2044-01-01	18	118	58.5	4.01	0.114	16	0.12	0.0257	5.15E-04	6.04E-06	7.15E-01	7.71E-06	1.32E-02	3.17E-02	6.48E-06	3.79E-03	1.02E-05	4.74E+01	4.02E-05	1.56E-03	1.33E-02	6.76E-03	9.42E-01	8.64E+00
2044-02-01	18	118	58.7	4.03	0.114	16.1	0.12	0.0258	5.16E-04	6.06E-06	7.16E-01	7.72E-06	1.32E-02	3.17E-02	6.49E-06	3.81E-03	1.02E-05	4.76E+01	4.03E-05	1.56E-03	1.33E-02	6.78E-03	9.42E-01	8.66E+00
2044-03-01	18	123	61	4.18	0.118	16.7	0.125	0.0267	5.34E-04	6.25E-06	7.17E-01	7.72E-06	1.37E-02	3.27E-02	6.60E-06	3.95E-03	1.05E-05	4.94E+01	4.18E-05	1.58E-03	1.33E-02	7.00E-03	9.45E-01	8.99E+00
2044-04-01	18	127	63.2	4.33	0.123	17.4	0.13	0.027	5.41E-04	6.31E-06	7.17E-01	7.73E-06	1.43E-02	3.26E-02	6.63E-06	4.11E-03	1.06E-05	5.09E+01	4.32E-05	1.60E-03	1.33E-02	7.21E-03	9.46E-01	9.27E+00
2044-05-01	18	121	60.1	4.11	0.118	16.6	0.124	0.0249	4.98E-04	5.87E-06	7.15E-01	7.71E-06	1.36E-02	2.94E-02	6.39E-06	3.97E-03	9.92E-06	4.82E+01	4.10E-05	1.57E-03	1.33E-02	6.90E-03	9.40E-01	8.76E+00
2044-06-01	18	123	61.1	4.17	0.12	16.9	0.126	0.0252	5.04E-04	5.93E-06	7.15E-01	7.71E-06	1.38E-02	2.97E-02	6.42E-06	4.04E-03	1.00E-05	4.89E+01	4.16E-05	1.58E-03	1.33E-02	7.00E-03	9.41E-01	8.90E+00
2044-07-01	18	124	61.7	4.22	0.121	17.1	0.127	0.0255	5.09E-04	5.99E-06	7.15E-01	7.71E-06	1.40E-02	3.00E-02	6.45E-06	4.08E-03	1.01E-05	4.94E+01	4.21E-05	1.58E-03	1.33E-02	7.06E-03	9.41E-01	8.99E+00
2044-08-01	18	125	62.2	4.25	0.122	17.2	0.128	0.0256	5.13E-04	6.02E-06	7.15E-01	7.71E-06	1.41E-02	3.01E-02	6.47E-06	4.10E-03	1.02E-05	4.98E+01	4.24E-05	1.59E-03	1.33E-02	7.10E-03	9.42E-01	9.05E+00
2044-09-01	18	126	62.4	4.27	0.123	17.3	0.129	0.0257	5.15E-04	6.04E-06	7.16E-01	7.71E-06	1.41E-02	3.03E-02	6.48E-06	4.12E-03	1.02E-05	5.00E+01	4.25E-05	1.59E-03	1.33E-02	7.13E-03	9.42E-01	9.09E+00
2044-10-01	18	126	62.4	4.27	0.123	17.3	0.129	0.0257	5.15E-04	6.05E-06	7.16E-01	7.72E-06	1.41E-02	3.03E-02	6.48E-06	4.12E-03	1.02E-05	5.00E+01	4.25E-05	1.59E-03	1.33E-02	7.13E-03	9.42E-01	9.10E+00
2044-11-01	18	126	62.4	4.26	0.122	17.3	0.128	0.0257	5.14E-04	6.04E-06	7.16E-01	7.71E-06	1.41E-02	3.02E-02	6.48E-06	4.12E-03	1.02E-05	4.99E+01	4.25E-05	1.59E-03	1.33E-02	7.13E-03	9.42E-01	9.09E+00
2044-12-01	18	126	62.3	4.26	0.122	17.3	0.128	0.0257	5.14E-04	6.04E-06	7.15E-01	7.71E-06	1.41E-02	3.02E-02	6.48E-06	4.12E-03	1.02E-05	4.99E+01	4.25E-05	1.59E-03	1.33E-02	7.12E-03	9.42E-01	9.08E+00
2045-01-01	19	126	62.4	4.27	0.123	17.3	0.129	0.0257	5.15E-04	6.04E-06	7.16E-01	7.71E-06	1.41E-02	3.03E-02	6.48E-06	4.12E-03	1.02E-05	5.00E+01	4.25E-05	1.59E-03	1.33E-02	7.13E-03	9.42E-01	9.09E+00
2045-02-01	19	127	63	4.3	0.124	17.5	0.13	0.0259	5.19E-04	6.08E-06	7.16E-01	7.72E-06	1.42E-02	3.05E-02	6.51E-06	4.16E-03	1.03E-05	5.04E+01	4.29E-05	1.59E-03	1.33E-02	7.18E-03	9.43E-01	9.17E+00
2045-03-01	19	131	65	4.44	0.128	18	0.134	0.0267	5.34E-04	6.24E-06	7.17E-01	7.72E-06	1.47E-02	3.13E-02	6.60E-06	4.28E-03	1.05E-05	5.20E+01	4.42E-05	1.61E-03	1.33E-02	7.38E-03	9.45E-01	9.46E+00
2045-04-01	19	136	67.5	4.61	0.133	18.8	0.139	0.0272	5.44E-04	6.35E-06	7.17E-01	7.73E-06	1.53E-02	3.14E-02	6.65E-06	4.47E-03	1.07E-05	5.39E+01	4.58E-05	1.63E-03	1.33E-02	7.62E-03	9.46E-01	9.80E+00
2045-05-01	19	128	63.6	4.33	0.126	17.8	0.132	0.0249	4.99E-04	5.88E-06	7.15E-01	7.71E-06	1.44E-02	2.84E-02	6.39E-06	4.27E-03	9.94E-06	5.07E+01	4.31E-05	1.60E-03	1.33E-02	7.24E-03	9.40E-01	9.22E+00
2045-06-01	19	130	64.6	4.4	0.128	18.1	0.134	0.0252	5.04E-04	5.94E-06	7.15E-01	7.71E-06	1.47E-02	2.86E-02	6.42E-06	4.33E-03	1.00E-05	5.14E+01	4.38E-05	1.61E-03	1.33E-02	7.33E-03	9.41E-01	9.35E+00
2045-07-01	19	131	65.3	4.45	0.129	18.3	0.135	0.0255	5.10E-04	5.99E-06	7.15E-01	7.71E-06	1.48E-02	2.89E-02	6.45E-06	4.38E-03	1.01E-05	5.20E+01	4.42E-05	1.61E-03	1.33E-02	7.40E-03	9.41E-01	9.45E+00
2045-08-01	19	132	65.7	4.47	0.13	18.4	0.136	0.0256	5.13E-04	6.03E-06	7.15E-01	7.71E-06	1.49E-02	2.90E-02	6.47E-06	4.40E-03	1.02E-05	5.23E+01	4.45E-05	1.61E-03	1.33E-02	7.44E-03	9.42E-01	9.51E+00
2045-09-01	19	133	66	4.49	0.131	18.5	0.137	0.0258	5.15E-04	6.05E-06	7.16E-01	7.72E-06	1.50E-02	2.91E-02	6.48E-06	4.42E-03	1.02E-05	5.25E+01	4.47E-05	1.62E-03	1.33E-02	7.47E-03	9.42E-01	9.55E+00
2045-10-01	19	133	66	4.49	0.131	18.5	0.137	0.0258	5.15E-04	6.05E-06	7.16E-01	7.72E-06	1.50E-02	2.91E-02	6.48E-06	4.42E-03	1.02E-05	5.25E+01	4.47E-05	1.62E-03	1.33E-02	7.47E-03	9.42E-01	9.56E+00
2045-11-01	19	133	65.9	4.49	0.131	18.4	0.137	0.0257	5.14E-04	6.04E-06	7.16E-01	7.71E-06	1.50E-02	2.91E-02	6.48E-06	4.42E-03	1.02E-05	5.25E+01	4.46E-05	1.62E-03	1.33E-02	7.46E-03	9.42E-01	9.54E+00
2045-12-01	19																							

Fond_1 15ppmTSS																								
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2049-10-01	23	171	85.1	5.86	0.175	24.7	0.181	0.0257	5.15E-04	6.05E-06	7.16E-01	7.72E-06	1.92E-02	2.46E-02	6.48E-06	5.26E-03	1.02E-05	6.19E+01	5.62E-05	1.76E-03	1.33E-02	9.26E-03	9.42E-01	1.14E+01
2049-11-01	23	171	85	5.85	0.174	24.6	0.18	0.0257	5.14E-04	6.04E-06	7.16E-01	7.71E-06	1.91E-02	2.46E-02	6.48E-06	5.26E-03	1.02E-05	6.18E+01	5.62E-05	1.76E-03	1.33E-02	9.25E-03	9.42E-01	1.14E+01
2049-12-01	23	171	84.9	5.85	0.174	24.6	0.18	0.0257	5.14E-04	6.04E-06	7.16E-01	7.71E-06	1.91E-02	2.46E-02	6.48E-06	5.25E-03	1.02E-05	6.18E+01	5.61E-05	1.76E-03	1.33E-02	9.24E-03	9.42E-01	1.13E+01
2050-01-01	24	171	85	5.85	0.175	24.7	0.181	0.0257	5.15E-04	6.04E-06	7.16E-01	7.71E-06	1.92E-02	2.46E-02	6.48E-06	5.26E-03	1.02E-05	6.19E+01	5.62E-05	1.76E-03	1.33E-02	9.25E-03	9.42E-01	1.14E+01
2050-02-01	24	173	85.8	5.91	0.176	24.9	0.182	0.0259	5.19E-04	6.09E-06	7.16E-01	7.72E-06	1.93E-02	2.48E-02	6.51E-06	5.30E-03	1.03E-05	6.24E+01	5.67E-05	1.77E-03	1.33E-02	9.32E-03	9.43E-01	1.15E+01
2050-03-01	24	179	88.6	6.1	0.182	25.7	0.188	0.0267	5.35E-04	6.25E-06	7.17E-01	7.72E-06	2.00E-02	2.55E-02	6.60E-06	5.46E-03	1.05E-05	6.44E+01	5.85E-05	1.79E-03	1.33E-02	9.59E-03	9.45E-01	1.18E+01
2050-04-01	24	185	92	6.34	0.189	26.8	0.196	0.0272	5.44E-04	6.34E-06	7.17E-01	7.73E-06	2.07E-02	2.55E-02	6.65E-06	5.64E-03	1.07E-05	6.64E+01	6.06E-05	1.81E-03	1.33E-02	9.92E-03	9.46E-01	1.22E+01
2050-05-01	24	175	86.8	5.99	0.179	25.3	0.185	0.0249	4.98E-04	5.88E-06	7.15E-01	7.71E-06	1.95E-02	2.31E-02	6.39E-06	5.31E-03	9.93E-06	6.22E+01	5.72E-05	1.77E-03	1.33E-02	9.42E-03	9.40E-01	1.14E+01
2050-06-01	24	178	88.2	6.08	0.182	25.7	0.188	0.0252	5.04E-04	5.93E-06	7.15E-01	7.71E-06	1.98E-02	2.33E-02	6.42E-06	5.38E-03	1.00E-05	6.30E+01	5.80E-05	1.78E-03	1.33E-02	9.55E-03	9.41E-01	1.16E+01
2050-07-01	24	180	89.2	6.15	0.184	26	0.19	0.0255	5.09E-04	5.99E-06	7.15E-01	7.71E-06	2.01E-02	2.35E-02	6.45E-06	5.43E-03	1.01E-05	6.37E+01	5.87E-05	1.79E-03	1.33E-02	9.64E-03	9.41E-01	1.17E+01
2050-08-01	24	181	89.8	6.2	0.186	26.2	0.191	0.0256	5.13E-04	6.02E-06	7.16E-01	7.71E-06	2.02E-02	2.36E-02	6.47E-06	5.47E-03	1.02E-05	6.42E+01	5.91E-05	1.79E-03	1.33E-02	9.70E-03	9.42E-01	1.18E+01
2050-09-01	24	182	90.1	6.22	0.186	26.3	0.192	0.0257	5.15E-04	6.05E-06	7.16E-01	7.72E-06	2.03E-02	2.37E-02	6.48E-06	5.49E-03	1.02E-05	6.44E+01	5.93E-05	1.80E-03	1.33E-02	9.73E-03	9.42E-01	1.18E+01
2050-10-01	24	182	90.2	6.22	0.186	26.3	0.192	0.0258	5.15E-04	6.05E-06	7.16E-01	7.72E-06	2.03E-02	2.37E-02	6.48E-06	5.49E-03	1.02E-05	6.44E+01	5.93E-05	1.80E-03	1.33E-02	9.74E-03	9.42E-01	1.18E+01
2050-11-01	24	182	90.1	6.22	0.186	26.3	0.192	0.0257	5.14E-04	6.04E-06	7.16E-01	7.71E-06	2.03E-02	2.37E-02	6.48E-06	5.49E-03	1.02E-05	6.44E+01	5.92E-05	1.80E-03	1.33E-02	9.73E-03	9.42E-01	1.18E+01
2050-12-01	24	181	90	6.21	0.186	26.3	0.192	0.0257	5.14E-04	6.04E-06	7.16E-01	7.71E-06	2.03E-02	2.37E-02	6.48E-06	5.48E-03	1.02E-05	6.43E+01	5.92E-05	1.80E-03	1.33E-02	9.72E-03	9.42E-01	1.18E+01
2051-01-01	25	182	90.1	6.22	0.186	26.3	0.192	0.0257	5.15E-04	6.04E-06	7.16E-01	7.71E-06	2.03E-02	2.37E-02	6.48E-06	5.49E-03	1.02E-05	6.44E+01	5.93E-05	1.80E-03	1.33E-02	9.73E-03	9.42E-01	1.18E+01
2051-02-01	25	183	90.9	6.27	0.188	26.5	0.194	0.0259	5.19E-04	6.08E-06	7.16E-01	7.72E-06	2.05E-02	2.39E-02	6.51E-06	5.54E-03	1.03E-05	6.49E+01	5.98E-05	1.80E-03	1.33E-02	9.80E-03	9.43E-01	1.19E+01
2051-03-01	25	189	93.8	6.47	0.194	27.4	0.2	0.0267	5.34E-04	6.24E-06	7.17E-01	7.72E-06	2.11E-02	2.45E-02	6.60E-06	5.71E-03	1.05E-05	6.69E+01	6.17E-05	1.83E-03	1.33E-02	1.01E-02	9.45E-01	1.23E+01
2051-04-01	25	196	97.5	6.73	0.202	28.5	0.208	0.0272	5.44E-04	6.35E-06	7.17E-01	7.73E-06	2.20E-02	2.46E-02	6.65E-06	6.01E-03	1.07E-05	6.91E+01	6.39E-05	1.85E-03	1.33E-02	1.04E-02	9.46E-01	1.27E+01
2051-05-01	25	185	91.9	6.35	0.191	27	0.197	0.0249	4.99E-04	5.88E-06	7.15E-01	7.71E-06	2.08E-02	2.23E-02	6.39E-06	5.79E-03	9.94E-06	6.47E+01	6.03E-05	1.81E-03	1.33E-02	9.90E-03	9.40E-01	1.19E+01
2051-06-01	25	188	93.3	6.45	0.194	27.4	0.2	0.0252	5.04E-04	5.94E-06	7.15E-01	7.71E-06	2.11E-02	2.25E-02	6.42E-06	5.89E-03	1.00E-05	6.55E+01	6.11E-05	1.82E-03	1.33E-02	1.00E-02	9.41E-01	1.20E+01
2051-07-01	25	190	94.3	6.52	0.196	27.7	0.202	0.0255	5.10E-04	5.99E-06	7.15E-01	7.71E-06	2.13E-02	2.27E-02	6.45E-06	5.95E-03	1.01E-05	6.63E+01	6.18E-05	1.83E-03	1.33E-02	1.01E-02	9.41E-01	1.21E+01
2051-08-01	25	191	95	6.57	0.197	27.9	0.203	0.0257	5.13E-04	6.03E-06	7.16E-01	7.71E-06	2.14E-02	2.28E-02	6.47E-06	5.99E-03	1.02E-05	6.67E+01	6.22E-05	1.83E-03	1.33E-02	1.02E-02	9.42E-01	1.22E+01
2051-09-01	25	192	95.4	6.59	0.198	28	0.204	0.0258	5.15E-04	6.05E-06	7.16E-01	7.72E-06	2.15E-02	2.29E-02	6.48E-06	6.01E-03	1.02E-05	6.70E+01	6.25E-05	1.84E-03	1.33E-02	1.02E-02	9.42E-01	1.23E+01
2051-10-01	25																							

Pond_1 15ppmTSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2055-08-01	29	209	103	7.16	0.217	30.7	0.223	0.0257	5.13E-04	6.03E-06	7.16E-01	7.71E-06	2.38E-02	2.17E-02	6.47E-06	7.79E-03	1.02E-05	7.09E+01	6.74E-05	1.90E-03	1.33E-02	1.10E-02	9.42E-01	1.29E+01
2055-09-01	29	209	104	7.18	0.218	30.8	0.224	0.0258	5.15E-04	6.05E-06	7.16E-01	7.72E-06	2.39E-02	2.18E-02	6.49E-06	7.82E-03	1.02E-05	7.12E+01	6.76E-05	1.90E-03	1.33E-02	1.11E-02	9.42E-01	1.29E+01
2055-10-01	29	210	104	7.18	0.218	30.8	0.224	0.0258	5.15E-04	6.05E-06	7.16E-01	7.72E-06	2.39E-02	2.18E-02	6.49E-06	7.82E-03	1.02E-05	7.12E+01	6.76E-05	1.90E-03	1.33E-02	1.11E-02	9.42E-01	1.29E+01
2055-11-01	29	209	104	7.17	0.218	30.8	0.224	0.0257	5.15E-04	6.04E-06	7.16E-01	7.71E-06	2.39E-02	2.18E-02	6.48E-06	7.81E-03	1.02E-05	7.11E+01	6.75E-05	1.90E-03	1.33E-02	1.11E-02	9.42E-01	1.29E+01
2055-12-01	29	209	104	7.17	0.218	30.7	0.224	0.0257	5.14E-04	6.04E-06	7.16E-01	7.71E-06	2.38E-02	2.17E-02	6.48E-06	7.81E-03	1.02E-05	7.11E+01	6.75E-05	1.90E-03	1.33E-02	1.11E-02	9.42E-01	1.29E+01
2056-01-01	30	209	104	7.17	0.218	30.7	0.224	0.0257	5.14E-04	6.04E-06	7.16E-01	7.71E-06	2.39E-02	2.18E-02	6.48E-06	7.81E-03	1.02E-05	7.11E+01	6.75E-05	1.90E-03	1.33E-02	1.11E-02	9.42E-01	1.29E+01
2056-02-01	30	211	105	7.23	0.219	31	0.225	0.0259	5.18E-04	6.08E-06	7.16E-01	7.72E-06	2.40E-02	2.19E-02	6.50E-06	7.87E-03	1.02E-05	7.16E+01	6.80E-05	1.91E-03	1.33E-02	1.12E-02	9.43E-01	1.30E+01
2056-03-01	30	219	109	7.5	0.228	32.2	0.234	0.0269	5.38E-04	6.29E-06	7.17E-01	7.72E-06	2.49E-02	2.27E-02	6.62E-06	8.16E-03	1.06E-05	7.43E+01	7.06E-05	1.94E-03	1.33E-02	1.15E-02	9.46E-01	1.35E+01

Pond_1 15ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
Pond 1 Statistics (Year 1 to Year 30)																					
Minimum		0.000352155	16.207	0.0198	0.00057465	0.1058	3.93245	0.013031	0.00009475	0.0003803	0.000062655	0.00018875	0.0118185	0.0222963	2.9455E-06	0.000579265	0.0020055	0.000091135	0.00011365	0.0024	0.002543
P10		0.005770155	18.307	0.03425	0.00178765	0.4151	5.65245	0.013613	0.00028645	0.0003963	0.000187755	0.32109195	0.0342185	0.023308	3.0055E-06	0.001772265	0.0037355	0.000978735	0.00085335	0.00637	0.002562
Median		0.007950155	36.507	0.07925	0.00732765	0.4251	11.60245	0.01592	0.00096445	0.0004153	0.000695755	0.33209195	0.1363185	0.02483	3.0955E-06	0.007322265	0.0109155	0.001813735	0.00102735	0.02138	0.002748
P90		0.010730155	60.607	0.13715	0.01450765	0.4451	18.20245	0.01906	0.00184145	0.0004313	0.001357755	0.35309195	0.2683185	0.0268	3.1855E-06	0.014402265	0.0202555	0.002903735	0.00119735	0.04088	0.003093
Maximum		0.011530155	65.907	0.14815	0.01570765	0.5211	19.60245	0.01969	0.00201145	0.0004763	0.001487755	0.42609195	0.2923185	0.02717	3.2355E-06	0.015802265	0.0219555	0.003143735	0.00127735	0.04468	0.004345
Monthly Results																					
2027-01-01	1	3.52E-04	2.06E+01	1.98E-02	5.75E-04	1.06E-01	4.75E+00	1.30E-02	9.48E-05	4.76E-04	6.27E-05	1.89E-04	1.18E-02	2.30E-02	3.24E-06	5.79E-04	2.01E-03	9.11E-05	1.14E-04	2.40E-03	4.35E-03
2027-02-01	1	5.17E-04	2.06E+01	2.01E-02	5.86E-04	1.06E-01	4.73E+00	1.30E-02	9.77E-05	4.74E-04	6.44E-05	1.09E-02	1.21E-02	2.30E-02	3.23E-06	5.90E-04	2.02E-03	1.16E-04	1.37E-04	2.46E-03	4.33E-03
2027-03-01	1	7.78E-04	2.05E+01	2.05E-02	6.05E-04	1.23E-01	4.70E+00	1.31E-02	1.02E-04	4.71E-04	6.72E-05	2.79E-02	1.24E-02	2.30E-02	3.22E-06	6.09E-04	2.05E-03	1.55E-04	1.74E-04	2.55E-03	4.30E-03
2027-04-01	1	1.92E-03	2.02E+01	2.22E-02	6.83E-04	1.97E-01	4.58E+00	1.31E-02	1.23E-04	4.56E-04	7.89E-05	1.02E-01	1.39E-02	2.30E-02	3.19E-06	6.90E-04	2.18E-03	3.27E-04	3.35E-04	2.94E-03	4.19E-03
2027-05-01	1	5.07E-03	1.90E+01	2.70E-02	8.89E-04	4.03E-01	4.16E+00	1.33E-02	1.78E-04	4.06E-04	1.11E-04	3.08E-01	1.77E-02	2.31E-02	3.03E-06	9.04E-04	2.52E-03	7.99E-04	7.82E-04	3.98E-03	3.83E-03
2027-06-01	1	6.44E-03	1.84E+01	2.91E-02	9.79E-04	4.91E-01	3.98E+00	1.34E-02	2.02E-04	3.86E-04	1.24E-04	3.96E-01	1.94E-02	2.31E-02	2.97E-06	9.97E-04	2.67E-03	1.00E-03	9.74E-04	4.43E-03	3.67E-03
2027-07-01	1	6.71E-03	1.85E+01	2.96E-02	1.00E-03	5.09E-01	3.99E+00	1.34E-02	2.08E-04	3.86E-04	1.27E-04	4.14E-01	1.98E-02	2.31E-02	2.98E-06	1.02E-03	2.70E-03	1.04E-03	1.01E-03	4.53E-03	3.66E-03
2027-08-01	1	6.82E-03	1.87E+01	2.98E-02	1.02E-03	5.16E-01	4.01E+00	1.34E-02	2.10E-04	3.88E-04	1.29E-04	4.21E-01	2.00E-02	2.31E-02	3.00E-06	1.03E-03	2.72E-03	1.06E-03	1.03E-03	4.58E-03	3.67E-03
2027-09-01	1	6.89E-03	1.88E+01	2.99E-02	1.03E-03	5.20E-01	4.05E+00	1.34E-02	2.12E-04	3.92E-04	1.30E-04	4.26E-01	2.02E-02	2.31E-02	3.02E-06	1.04E-03	2.73E-03	1.07E-03	1.04E-03	4.62E-03	3.68E-03
2027-10-01	1	6.81E-03	1.86E+01	2.97E-02	1.01E-03	5.15E-01	4.00E+00	1.34E-02	2.10E-04	3.87E-04	1.29E-04	4.20E-01	2.00E-02	2.31E-02	2.99E-06	1.03E-03	2.72E-03	1.06E-03	1.03E-03	4.57E-03	3.66E-03
2027-11-01	1	6.73E-03	1.84E+01	2.96E-02	1.00E-03	5.11E-01	3.95E+00	1.34E-02	2.07E-04	3.82E-04	1.27E-04	4.16E-01	1.98E-02	2.31E-02	2.97E-06	1.02E-03	2.70E-03	1.04E-03	1.02E-03	4.53E-03	3.65E-03
2027-12-01	1	6.69E-03	1.83E+01	2.95E-02	9.94E-04	5.08E-01	3.93E+00	1.34E-02	2.06E-04	3.80E-04	1.27E-04	4.13E-01	1.97E-02	2.31E-02	2.95E-06	1.01E-03	2.69E-03	1.04E-03	1.01E-03	4.51E-03	3.64E-03
2028-01-01	2	6.69E-03	1.83E+01	2.95E-02	9.94E-04	5.08E-01	3.93E+00	1.34E-02	2.06E-04	3.80E-04	1.26E-04	4.13E-01	1.97E-02	2.31E-02	2.95E-06	1.01E-03	2.69E-03	1.04E-03	1.01E-03	4.50E-03	3.64E-03
2028-02-01	2	6.70E-03	1.83E+01	2.96E-02	1.01E-03	5.08E-01	3.95E+00	1.34E-02	2.08E-04	3.80E-04	1.28E-04	4.14E-01	1.99E-02	2.31E-02	2.95E-06	1.02E-03	2.71E-03	1.04E-03	1.01E-03	4.55E-03	3.63E-03
2028-03-01	2	6.72E-03	1.84E+01	2.98E-02	1.03E-03	5.09E-01	3.99E+00	1.34E-02	2.11E-04	3.81E-04	1.30E-04	4.14E-01	2.03E-02	2.31E-02	2.96E-06	1.05E-03	2.74E-03	1.05E-03	1.01E-03	4.61E-03	3.62E-03
2028-04-01	2	6.79E-03	1.86E+01	3.06E-02	1.13E-03	5.11E-01	4.14E+00	1.34E-02	2.24E-04	3.83E-04	1.39E-04	4.17E-01	2.21E-02	2.31E-02	2.97E-06	1.15E-03	2.87E-03	1.07E-03	1.02E-03	4.90E-03	3.57E-03
2028-05-01	2	6.87E-03	1.90E+01	3.26E-02	1.37E-03	5.10E-01	4.49E+00	1.36E-02	2.56E-04	3.82E-04	1.63E-04	4.15E-01	2.67E-02	2.32E-02	2.96E-06	1.40E-03	3.20E-03	1.10E-03	1.03E-03	5.61E-03	3.41E-03
2028-06-01	2	6.90E-03	1.92E+01	3.35E-02	1.48E-03	5.09E-01	4.65E+00	1.36E-02	2.70E-04	3.81E-04	1.73E-04	4.15E-01	2.86E-02	2.32E-02	2.96E-06	1.51E-03	3.34E-03	1.12E-03	1.03E-03	5.92E-03	3.34E-03
2028-07-01	2	6.97E-03	1.94E+01	3.38E-02	1.51E-03	5.13E-01	4.72E+00	1.36E-02	2.75E-04	3.85E-04	1.76E-04	4.19E-01	2.92E-02	2.32E-02	2.98E-06	1.54E-03	3.38E-03	1.13E-03	1.04E-03	6.01E-03	3.34E-03
2028-08-01	2	7.04E-03	1.95E+01	3.40E-02	1.53E-03	5.17E-01	4.76E+00	1.36E-02	2.77E-04	3.88E-04	1.78E-04	4.22E-01	2.95E-02	2.32E-02	3.00E-06	1.56E-03	3.41E-03	1.14E-03	1.05E-03	6.07E-03	3.35E-03
2028-09-01	2	7.10E-03	1.97E+01	3.42E-02	1.54E-03	5.21E-01	4.81E+00	1.37E-02	2.80E-04	3.92E-04	1.80E-04	4.26E-01	2.98E-02	2.32E-02	3.02E-06	1.57E-03	3.43E-03	1.15E-03	1.05E-03	6.12E-03	3.36E-03
2028-10-01	2	7.01E-03	1.95E+01	3.40E-02	1.52E-03	5.15E-01	4.75E+00	1.36E-02	2.77E-04	3.87E-04	1.77E-04	4.21E-01	2.94E-02	2.32E-02	2.99E-06	1.55E-03	3.40E-03	1.13E-03	1.04E-03	6.06E-03	3.34E-03
2028-11-01	2																				

Pond_1 15ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2032-04-01	6	5.40E-03	1.72E+01	3.46E-02	1.81E-03	4.00E-01	6.79E+00	1.36E-02	2.87E-04	4.15E-04	1.90E-04	3.05E-01	3.46E-02	2.33E-02	3.08E-06	1.80E-03	3.75E-03	9.28E-04	8.00E-04	6.40E-03	3.05E-03
2032-05-01	6	5.50E-03	1.62E+01	3.40E-02	1.73E-03	4.09E-01	6.62E+00	1.35E-02	2.77E-04	3.99E-04	1.82E-04	3.14E-01	3.30E-02	2.33E-02	3.00E-06	1.71E-03	3.64E-03	9.33E-04	8.16E-04	6.15E-03	2.99E-03
2032-06-01	6	5.63E-03	1.64E+01	3.44E-02	1.75E-03	4.17E-01	6.76E+00	1.36E-02	2.81E-04	4.06E-04	1.84E-04	3.22E-01	3.35E-02	2.33E-02	3.04E-06	1.73E-03	3.68E-03	9.56E-04	8.35E-04	6.25E-03	3.00E-03
2032-07-01	6	5.70E-03	1.65E+01	3.46E-02	1.77E-03	4.21E-01	6.83E+00	1.36E-02	2.84E-04	4.11E-04	1.86E-04	3.26E-01	3.39E-02	2.33E-02	3.07E-06	1.75E-03	3.71E-03	9.67E-04	8.44E-04	6.31E-03	3.01E-03
2032-08-01	6	5.74E-03	1.66E+01	3.47E-02	1.79E-03	4.23E-01	6.88E+00	1.36E-02	2.86E-04	4.14E-04	1.88E-04	3.29E-01	3.41E-02	2.33E-02	3.09E-06	1.77E-03	3.73E-03	9.74E-04	8.50E-04	6.35E-03	3.02E-03
2032-09-01	6	5.77E-03	1.67E+01	3.48E-02	1.79E-03	4.25E-01	6.91E+00	1.36E-02	2.87E-04	4.15E-04	1.89E-04	3.30E-01	3.43E-02	2.33E-02	3.10E-06	1.77E-03	3.74E-03	9.79E-04	8.53E-04	6.37E-03	3.02E-03
2032-10-01	6	5.77E-03	1.67E+01	3.48E-02	1.80E-03	4.25E-01	6.92E+00	1.36E-02	2.87E-04	4.16E-04	1.89E-04	3.30E-01	3.43E-02	2.33E-02	3.10E-06	1.77E-03	3.74E-03	9.79E-04	8.54E-04	6.38E-03	3.02E-03
2032-11-01	6	5.77E-03	1.67E+01	3.48E-02	1.79E-03	4.25E-01	6.91E+00	1.36E-02	2.87E-04	4.15E-04	1.88E-04	3.30E-01	3.42E-02	2.33E-02	3.10E-06	1.77E-03	3.74E-03	9.78E-04	8.53E-04	6.37E-03	3.02E-03
2032-12-01	6	5.76E-03	1.67E+01	3.48E-02	1.79E-03	4.25E-01	6.91E+00	1.36E-02	2.87E-04	4.15E-04	1.88E-04	3.30E-01	3.42E-02	2.33E-02	3.10E-06	1.77E-03	3.74E-03	9.78E-04	8.53E-04	6.37E-03	3.02E-03
2033-01-01	7	5.77E-03	1.67E+01	3.48E-02	1.80E-03	4.25E-01	6.91E+00	1.36E-02	2.87E-04	4.16E-04	1.89E-04	3.30E-01	3.43E-02	2.33E-02	3.10E-06	1.77E-03	3.74E-03	9.79E-04	8.54E-04	6.38E-03	3.02E-03
2033-02-01	7	5.80E-03	1.68E+01	3.50E-02	1.81E-03	4.27E-01	6.96E+00	1.36E-02	2.90E-04	4.17E-04	1.90E-04	3.32E-01	3.46E-02	2.33E-02	3.11E-06	1.79E-03	3.76E-03	9.85E-04	8.57E-04	6.42E-03	3.03E-03
2033-03-01	7	5.99E-03	1.73E+01	3.58E-02	1.90E-03	4.37E-01	7.21E+00	1.36E-02	3.01E-04	4.30E-04	1.98E-04	3.42E-01	3.61E-02	2.33E-02	3.19E-06	1.87E-03	3.88E-03	1.02E-03	8.82E-04	6.67E-03	3.05E-03
2033-04-01	7	6.18E-03	1.81E+01	3.82E-02	2.17E-03	4.42E-01	7.66E+00	1.37E-02	3.35E-04	4.37E-04	2.23E-04	3.48E-01	4.13E-02	2.34E-02	3.23E-06	2.14E-03	4.25E-03	1.07E-03	9.01E-04	7.41E-03	3.02E-03
2033-05-01	7	5.82E-03	1.74E+01	3.89E-02	2.32E-03	4.14E-01	7.48E+00	1.37E-02	3.47E-04	4.02E-04	2.34E-04	3.20E-01	4.40E-02	2.35E-02	3.02E-06	2.28E-03	4.43E-03	1.03E-03	8.44E-04	7.71E-03	2.91E-03
2033-06-01	7	5.90E-03	1.77E+01	3.96E-02	2.39E-03	4.18E-01	7.63E+00	1.38E-02	3.56E-04	4.07E-04	2.41E-04	3.24E-01	4.53E-02	2.35E-02	3.05E-06	2.35E-03	4.53E-03	1.05E-03	8.54E-04	7.91E-03	2.91E-03
2033-07-01	7	5.97E-03	1.79E+01	3.99E-02	2.42E-03	4.21E-01	7.72E+00	1.38E-02	3.60E-04	4.11E-04	2.44E-04	3.27E-01	4.59E-02	2.35E-02	3.07E-06	2.38E-03	4.57E-03	1.06E-03	8.62E-04	8.00E-03	2.92E-03
2033-08-01	7	6.01E-03	1.80E+01	4.01E-02	2.44E-03	4.24E-01	7.77E+00	1.38E-02	3.63E-04	4.14E-04	2.45E-04	3.29E-01	4.62E-02	2.35E-02	3.09E-06	2.39E-03	4.60E-03	1.07E-03	8.67E-04	8.06E-03	2.92E-03
2033-09-01	7	6.03E-03	1.81E+01	4.02E-02	2.45E-03	4.25E-01	7.81E+00	1.38E-02	3.65E-04	4.16E-04	2.47E-04	3.31E-01	4.64E-02	2.35E-02	3.10E-06	2.41E-03	4.61E-03	1.07E-03	8.71E-04	8.09E-03	2.92E-03
2033-10-01	7	6.04E-03	1.81E+01	4.02E-02	2.46E-03	4.25E-01	7.81E+00	1.38E-02	3.65E-04	4.16E-04	2.47E-04	3.31E-01	4.65E-02	2.35E-02	3.10E-06	2.41E-03	4.61E-03	1.07E-03	8.71E-04	8.10E-03	2.92E-03
2033-11-01	7	6.03E-03	1.81E+01	4.02E-02	2.45E-03	4.25E-01	7.81E+00	1.38E-02	3.65E-04	4.15E-04	2.47E-04	3.30E-01	4.64E-02	2.35E-02	3.10E-06	2.41E-03	4.61E-03	1.07E-03	8.70E-04	8.09E-03	2.92E-03
2033-12-01	7	6.03E-03	1.81E+01	4.02E-02	2.45E-03	4.25E-01	7.80E+00	1.38E-02	3.64E-04	4.15E-04	2.46E-04	3.30E-01	4.64E-02	2.35E-02	3.10E-06	2.40E-03	4.61E-03	1.07E-03	8.70E-04	8.09E-03	2.92E-03
2034-01-01	8	6.04E-03	1.81E+01	4.02E-02	2.46E-03	4.25E-01	7.81E+00	1.38E-02	3.65E-04	4.16E-04	2.47E-04	3.31E-01	4.65E-02	2.35E-02	3.10E-06	2.41E-03	4.61E-03	1.07E-03	8.71E-04	8.10E-03	2.92E-03
2034-02-01	8	6.06E-03	1.82E+01	4.04E-02	2.48E-03	4.27E-01	7.85E+00	1.38E-02	3.67E-04	4.17E-04	2.49E-04	3.32E-01	4.68E-02	2.35E-02	3.11E-06	2.43E-03	4.64E-03	1.08E-03	8.75E-04	8.15E-03	2.93E-03
2034-03-01	8	6.26E-03	1.88E+01	4.14E-02	2.58E-03	4.37E-01	8.12E+00	1.38E-02	3.82E-04	4.30E-04	2.59E-04	3.43E-01	4.88E-02	2.35E-02	3.19E-06	2.53E-03	4.78E-03	1.12E-03	9.00E-04	8.45E-03	2.95E-03
2034-04-01	8	6.46E-03	2.00E+01	4.39E-02	2.88E-03	4.43E-01	8.47E+00	1.40E-02	4.17E-04	4.37E-04	2.85E-04	3.48E-01	5.42E-02	2.36E-02	3.23E-06	2.82E-03	5.17E-03	1.17E-03	9.19E-04	9.24E-03	2.95E-03
2034-05-01	8	6.08E-03	1.96E+01	4.42E-02	2.97E-03	4.14E-01	8.09E+00	1.40E-02	4.24E-04	4.02E-04	2.92E-04	3.20E-01	5.60E-02	2.36E-02	3.02E-06	2.91E-03	5.28E-03	1.13E-03	8.61E-04	9.42E-03	2.86E-03
2034-06-01	8	6.17E-03	2.00E+01	4.49E-02	3.05E-03	4.18E-01	8.22E+00	1.40E-02	4.35E-04	4.07E-04	3.00E-04	3.24E-01	5.75E-02	2.37E-02							

Pond_1 15ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2038-02-01	12	7.09E-03	2.72E+01	6.11E-02	5.05E-03	4.27E-01	1.01E+01	1.48E-02	6.77E-04	4.18E-04	4.82E-04	3.33E-01	9.44E-02	2.42E-02	3.11E-06	4.96E-03	8.00E-03	1.47E-03	9.45E-04	1.50E-02	2.80E-03
2038-03-01	12	7.32E-03	2.82E+01	6.28E-02	5.23E-03	4.38E-01	1.04E+01	1.49E-02	7.00E-04	4.31E-04	4.99E-04	3.44E-01	9.78E-02	2.43E-02	3.19E-06	5.14E-03	8.24E-03	1.52E-03	9.72E-04	1.55E-02	2.82E-03
2038-04-01	12	7.51E-03	2.99E+01	6.52E-02	5.53E-03	4.43E-01	1.05E+01	1.50E-02	7.38E-04	4.38E-04	5.28E-04	3.49E-01	1.03E-01	2.43E-02	3.23E-06	5.44E-03	8.62E-03	1.57E-03	9.92E-04	1.64E-02	2.84E-03
2038-05-01	12	7.02E-03	2.94E+01	6.32E-02	5.35E-03	4.15E-01	9.68E+00	1.50E-02	7.14E-04	4.03E-04	5.12E-04	3.21E-01	1.00E-01	2.43E-02	3.02E-06	5.28E-03	8.36E-03	1.49E-03	9.26E-04	1.59E-02	2.80E-03
2038-06-01	12	7.11E-03	2.99E+01	6.41E-02	5.45E-03	4.18E-01	9.80E+00	1.50E-02	7.27E-04	4.07E-04	5.21E-04	3.24E-01	1.02E-01	2.43E-02	3.05E-06	5.38E-03	8.49E-03	1.51E-03	9.37E-04	1.61E-02	2.81E-03
2038-07-01	12	7.18E-03	3.02E+01	6.46E-02	5.51E-03	4.22E-01	9.89E+00	1.51E-02	7.34E-04	4.11E-04	5.27E-04	3.28E-01	1.03E-01	2.43E-02	3.07E-06	5.44E-03	8.57E-03	1.53E-03	9.45E-04	1.63E-02	2.82E-03
2038-08-01	12	7.23E-03	3.05E+01	6.50E-02	5.55E-03	4.24E-01	9.96E+00	1.51E-02	7.40E-04	4.14E-04	5.31E-04	3.30E-01	1.03E-01	2.43E-02	3.09E-06	5.48E-03	8.62E-03	1.54E-03	9.51E-04	1.64E-02	2.82E-03
2038-09-01	12	7.26E-03	3.06E+01	6.52E-02	5.58E-03	4.25E-01	1.00E+01	1.51E-02	7.43E-04	4.16E-04	5.33E-04	3.31E-01	1.04E-01	2.43E-02	3.10E-06	5.51E-03	8.65E-03	1.55E-03	9.55E-04	1.65E-02	2.82E-03
2038-10-01	12	7.27E-03	3.06E+01	6.52E-02	5.58E-03	4.25E-01	1.00E+01	1.51E-02	7.43E-04	4.16E-04	5.33E-04	3.31E-01	1.04E-01	2.43E-02	3.10E-06	5.51E-03	8.66E-03	1.55E-03	9.55E-04	1.65E-02	2.82E-03
2038-11-01	12	7.26E-03	3.06E+01	6.52E-02	5.57E-03	4.25E-01	1.00E+01	1.51E-02	7.43E-04	4.15E-04	5.33E-04	3.31E-01	1.04E-01	2.43E-02	3.10E-06	5.50E-03	8.65E-03	1.54E-03	9.54E-04	1.65E-02	2.82E-03
2038-12-01	12	7.25E-03	3.05E+01	6.51E-02	5.57E-03	4.25E-01	9.99E+00	1.51E-02	7.42E-04	4.15E-04	5.33E-04	3.31E-01	1.04E-01	2.43E-02	3.10E-06	5.50E-03	8.64E-03	1.54E-03	9.54E-04	1.65E-02	2.82E-03
2039-01-01	13	7.26E-03	3.06E+01	6.52E-02	5.57E-03	4.25E-01	9.99E+00	1.51E-02	7.42E-04	4.15E-04	5.33E-04	3.31E-01	1.04E-01	2.43E-02	3.10E-06	5.50E-03	8.65E-03	1.54E-03	9.54E-04	1.65E-02	2.82E-03
2039-02-01	13	7.31E-03	3.08E+01	6.56E-02	5.62E-03	4.27E-01	1.01E+01	1.51E-02	7.49E-04	4.18E-04	5.37E-04	3.33E-01	1.05E-01	2.44E-02	3.11E-06	5.55E-03	8.71E-03	1.56E-03	9.61E-04	1.66E-02	2.83E-03
2039-03-01	13	7.54E-03	3.18E+01	6.73E-02	5.82E-03	4.38E-01	1.04E+01	1.52E-02	7.74E-04	4.31E-04	5.56E-04	3.44E-01	1.08E-01	2.44E-02	3.19E-06	5.74E-03	8.97E-03	1.61E-03	9.88E-04	1.72E-02	2.84E-03
2039-04-01	13	7.76E-03	3.30E+01	7.00E-02	6.14E-03	4.43E-01	1.08E+01	1.53E-02	8.15E-04	4.38E-04	5.86E-04	3.49E-01	1.14E-01	2.45E-02	3.23E-06	6.07E-03	9.39E-03	1.67E-03	1.01E-03	1.81E-02	2.84E-03
2039-05-01	13	7.24E-03	3.14E+01	6.78E-02	5.93E-03	4.15E-01	1.02E+01	1.53E-02	7.86E-04	4.03E-04	5.65E-04	3.21E-01	1.10E-01	2.44E-02	3.02E-06	5.88E-03	9.10E-03	1.58E-03	9.42E-04	1.75E-02	2.77E-03
2039-06-01	13	7.34E-03	3.19E+01	6.88E-02	6.04E-03	4.18E-01	1.03E+01	1.53E-02	8.00E-04	4.07E-04	5.76E-04	3.24E-01	1.12E-01	2.45E-02	3.05E-06	5.99E-03	9.24E-03	1.60E-03	9.53E-04	1.78E-02	2.78E-03
2039-07-01	13	7.41E-03	3.22E+01	6.93E-02	6.10E-03	4.22E-01	1.04E+01	1.53E-02	8.08E-04	4.11E-04	5.82E-04	3.28E-01	1.14E-01	2.45E-02	3.07E-06	6.05E-03	9.33E-03	1.62E-03	9.62E-04	1.79E-02	2.78E-03
2039-08-01	13	7.47E-03	3.24E+01	6.97E-02	6.15E-03	4.24E-01	1.05E+01	1.54E-02	8.14E-04	4.14E-04	5.86E-04	3.30E-01	1.14E-01	2.45E-02	3.09E-06	6.10E-03	9.39E-03	1.63E-03	9.68E-04	1.81E-02	2.79E-03
2039-09-01	13	7.50E-03	3.26E+01	7.00E-02	6.17E-03	4.25E-01	1.06E+01	1.54E-02	8.18E-04	4.16E-04	5.88E-04	3.31E-01	1.15E-01	2.45E-02	3.10E-06	6.13E-03	9.42E-03	1.64E-03	9.72E-04	1.81E-02	2.79E-03
2039-10-01	13	7.50E-03	3.26E+01	7.00E-02	6.18E-03	4.25E-01	1.06E+01	1.54E-02	8.18E-04	4.16E-04	5.89E-04	3.31E-01	1.15E-01	2.45E-02	3.10E-06	6.13E-03	9.43E-03	1.64E-03	9.72E-04	1.82E-02	2.79E-03
2039-11-01	13	7.49E-03	3.26E+01	6.99E-02	6.17E-03	4.25E-01	1.06E+01	1.54E-02	8.17E-04	4.15E-04	5.88E-04	3.31E-01	1.15E-01	2.45E-02	3.10E-06	6.12E-03	9.42E-03	1.64E-03	9.71E-04	1.81E-02	2.79E-03
2039-12-01	13	7.49E-03	3.25E+01	6.99E-02	6.17E-03	4.25E-01	1.06E+01	1.54E-02	8.17E-04	4.15E-04	5.88E-04	3.31E-01	1.15E-01	2.45E-02	3.10E-06	6.12E-03	9.42E-03	1.63E-03	9.71E-04	1.81E-02	2.79E-03
2040-01-01	14	7.49E-03	3.26E+01	6.99E-02	6.17E-03	4.25E-01	1.06E+01	1.54E-02	8.17E-04	4.15E-04	5.88E-04	3.31E-01	1.15E-01	2.45E-02	3.10E-06	6.12E-03	9.42E-03	1.64E-03	9.71E-04	1.81E-02	2.79E-03
2040-02-01	14	7.55E-03	3.28E+01	7.04E-02	6.22E-03	4.27E-01	1.06E+01	1.54E-02	8.24E-04	4.18E-04	5.93E-04	3.33E-01	1.16E-01	2.45E-02	3.11E-06	6.17E-03	9.49E-03	1.65E-03	9.77E-04	1.83E-02	2.79E-03
2040-03-01	14	7.82E-03	3.40E+01	7.25E-02	6.47E-03	4.39E-01	1.10E+01	1.55E-02	8.55E-04	4.33E-04	6.16E-04	3.45E-01	1.20E-01	2.46E-02	3.20E-06	6.42E-03	9.81E-03	1.71E-03	1.01E-03	1.90E-02	2.82E-03
2040-04-01	14	7.98E-03	3.51E+01	7.48E-02	6.74E-03	4.43E-01	1.13E+01	1.56E-02	8.90E-04	4.37E-04	6.41E-04	3.49E-4									

Pond_1 15ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2043-12-01	17	8.39E-03	4.11E+01	8.82E-02	8.46E-03	4.25E-01	1.25E+01	1.65E-02	1.10E-03	4.15E-04	8.02E-04	3.31E-01	1.57E-01	2.51E-02	3.10E-06	8.49E-03	1.24E-02	1.99E-03	1.04E-03	2.45E-02	2.71E-03
2044-01-01	18	8.40E-03	4.11E+01	8.83E-02	8.47E-03	4.25E-01	1.25E+01	1.65E-02	1.11E-03	4.16E-04	8.03E-04	3.32E-01	1.57E-01	2.51E-02	3.10E-06	8.50E-03	1.24E-02	1.99E-03	1.04E-03	2.45E-02	2.71E-03
2044-02-01	18	8.42E-03	4.12E+01	8.86E-02	8.50E-03	4.26E-01	1.25E+01	1.65E-02	1.11E-03	4.17E-04	8.06E-04	3.33E-01	1.58E-01	2.51E-02	3.11E-06	8.53E-03	1.25E-02	2.00E-03	1.04E-03	2.46E-02	2.71E-03
2044-03-01	18	8.73E-03	4.27E+01	9.14E-02	8.82E-03	4.38E-01	1.30E+01	1.66E-02	1.15E-03	4.31E-04	8.37E-04	3.44E-01	1.64E-01	2.52E-02	3.19E-06	8.86E-03	1.29E-02	2.07E-03	1.07E-03	2.55E-02	2.73E-03
2044-04-01	18	8.91E-03	4.37E+01	9.41E-02	9.14E-03	4.42E-01	1.34E+01	1.68E-02	1.19E-03	4.36E-04	8.66E-04	3.49E-01	1.70E-01	2.53E-02	3.22E-06	9.18E-03	1.33E-02	2.13E-03	1.09E-03	2.64E-02	2.73E-03
2044-05-01	18	8.33E-03	4.11E+01	9.01E-02	8.70E-03	4.15E-01	1.27E+01	1.66E-02	1.13E-03	4.03E-04	8.24E-04	3.21E-01	1.61E-01	2.52E-02	3.02E-06	8.72E-03	1.27E-02	2.00E-03	1.02E-03	2.51E-02	2.67E-03
2044-06-01	18	8.44E-03	4.17E+01	9.13E-02	8.84E-03	4.18E-01	1.28E+01	1.66E-02	1.15E-03	4.07E-04	8.37E-04	3.25E-01	1.64E-01	2.52E-02	3.05E-06	8.87E-03	1.29E-02	2.03E-03	1.03E-03	2.55E-02	2.67E-03
2044-07-01	18	8.53E-03	4.21E+01	9.21E-02	8.93E-03	4.22E-01	1.30E+01	1.67E-02	1.16E-03	4.11E-04	8.46E-04	3.28E-01	1.66E-01	2.53E-02	3.07E-06	8.96E-03	1.30E-02	2.05E-03	1.04E-03	2.58E-02	2.68E-03
2044-08-01	18	8.58E-03	4.24E+01	9.27E-02	9.00E-03	4.24E-01	1.31E+01	1.67E-02	1.17E-03	4.14E-04	8.52E-04	3.31E-01	1.67E-01	2.53E-02	3.09E-06	9.03E-03	1.31E-02	2.07E-03	1.05E-03	2.60E-02	2.68E-03
2044-09-01	18	8.62E-03	4.26E+01	9.30E-02	9.04E-03	4.25E-01	1.31E+01	1.67E-02	1.18E-03	4.16E-04	8.55E-04	3.32E-01	1.68E-01	2.53E-02	3.10E-06	9.06E-03	1.32E-02	2.08E-03	1.05E-03	2.61E-02	2.68E-03
2044-10-01	18	8.62E-03	4.26E+01	9.30E-02	9.04E-03	4.26E-01	1.31E+01	1.67E-02	1.18E-03	4.16E-04	8.56E-04	3.32E-01	1.68E-01	2.53E-02	3.10E-06	9.07E-03	1.32E-02	2.08E-03	1.05E-03	2.61E-02	2.68E-03
2044-11-01	18	8.61E-03	4.25E+01	9.29E-02	9.03E-03	4.25E-01	1.31E+01	1.67E-02	1.17E-03	4.15E-04	8.55E-04	3.32E-01	1.67E-01	2.53E-02	3.10E-06	9.06E-03	1.32E-02	2.07E-03	1.05E-03	2.61E-02	2.68E-03
2044-12-01	18	8.61E-03	4.25E+01	9.29E-02	9.02E-03	4.25E-01	1.31E+01	1.67E-02	1.17E-03	4.15E-04	8.54E-04	3.31E-01	1.67E-01	2.53E-02	3.10E-06	9.05E-03	1.32E-02	2.07E-03	1.05E-03	2.61E-02	2.68E-03
2045-01-01	19	8.62E-03	4.26E+01	9.30E-02	9.04E-03	4.25E-01	1.31E+01	1.67E-02	1.18E-03	4.16E-04	8.55E-04	3.32E-01	1.68E-01	2.53E-02	3.10E-06	9.06E-03	1.32E-02	2.07E-03	1.05E-03	2.61E-02	2.68E-03
2045-02-01	19	8.69E-03	4.29E+01	9.37E-02	9.11E-03	4.28E-01	1.32E+01	1.67E-02	1.19E-03	4.19E-04	8.62E-04	3.34E-01	1.69E-01	2.53E-02	3.12E-06	9.14E-03	1.33E-02	2.09E-03	1.06E-03	2.63E-02	2.69E-03
2045-03-01	19	8.95E-03	4.42E+01	9.62E-02	9.40E-03	4.38E-01	1.37E+01	1.69E-02	1.22E-03	4.31E-04	8.90E-04	3.44E-01	1.74E-01	2.54E-02	3.19E-06	9.43E-03	1.37E-02	2.16E-03	1.09E-03	2.71E-02	2.70E-03
2045-04-01	19	9.19E-03	4.54E+01	9.92E-02	9.77E-03	4.44E-01	1.42E+01	1.70E-02	1.27E-03	4.39E-04	9.23E-04	3.51E-01	1.81E-01	2.55E-02	3.24E-06	9.80E-03	1.41E-02	2.23E-03	1.11E-03	2.81E-02	2.70E-03
2045-05-01	19	8.54E-03	4.23E+01	9.44E-02	9.22E-03	4.15E-01	1.33E+01	1.68E-02	1.20E-03	4.03E-04	8.70E-04	3.22E-01	1.71E-01	2.54E-02	3.03E-06	9.24E-03	1.34E-02	2.08E-03	1.04E-03	2.66E-02	2.64E-03
2045-06-01	19	8.65E-03	4.29E+01	9.55E-02	9.35E-03	4.19E-01	1.35E+01	1.68E-02	1.21E-03	4.08E-04	8.83E-04	3.25E-01	1.73E-01	2.54E-02	3.05E-06	9.37E-03	1.36E-02	2.11E-03	1.05E-03	2.69E-02	2.65E-03
2045-07-01	19	8.74E-03	4.33E+01	9.64E-02	9.46E-03	4.22E-01	1.36E+01	1.69E-02	1.23E-03	4.12E-04	8.93E-04	3.29E-01	1.75E-01	2.54E-02	3.08E-06	9.47E-03	1.37E-02	2.13E-03	1.06E-03	2.72E-02	2.65E-03
2045-08-01	19	8.79E-03	4.36E+01	9.69E-02	9.52E-03	4.24E-01	1.37E+01	1.69E-02	1.23E-03	4.14E-04	8.99E-04	3.31E-01	1.76E-01	2.54E-02	3.09E-06	9.54E-03	1.38E-02	2.14E-03	1.06E-03	2.74E-02	2.65E-03
2045-09-01	19	8.83E-03	4.37E+01	9.73E-02	9.56E-03	4.26E-01	1.38E+01	1.69E-02	1.24E-03	4.16E-04	9.02E-04	3.32E-01	1.77E-01	2.54E-02	3.10E-06	9.58E-03	1.39E-02	2.15E-03	1.07E-03	2.75E-02	2.66E-03
2045-10-01	19	8.83E-03	4.37E+01	9.73E-02	9.56E-03	4.26E-01	1.38E+01	1.69E-02	1.24E-03	4.16E-04	9.02E-04	3.32E-01	1.77E-01	2.54E-02	3.10E-06	9.58E-03	1.39E-02	2.15E-03	1.07E-03	2.75E-02	2.66E-03
2045-11-01	19	8.82E-03	4.37E+01	9.72E-02	9.55E-03	4.25E-01	1.38E+01	1.69E-02	1.24E-03	4.16E-04	9.01E-04	3.32E-01	1.77E-01	2.54E-02	3.10E-06	9.57E-03	1.39E-02	2.15E-03	1.07E-03	2.75E-02	2.66E-03
2045-12-01	19	8.82E-03	4.37E+01	9.72E-02	9.54E-03	4.25E-01	1.38E+01	1.69E-02	1.24E-03	4.15E-04	9.01E-04	3.32E-01	1.77E-01	2.54E-02	3.10E-06	9.56E-03	1.38E-02	2.15E-03	1.07E-03	2.75E-02	2.66E-03
2046-01-01	20	8.82E-03	4.37E+01	9.72E-02	9.55E-03	4.25E-01	1.38E+01	1.69E-02	1.24E-03	4.16E-04	9.02E-04	3.32E-01	1.77E-01	2.54E-02	3.10E-06	9.57E-03	1.39E-02	2.15E-03	1.07E-03	2.75E-02	2.66E-03
2046-02-01	20	8.90E-03	4.41E+01	9.79E-02	9.64E-03	4.28E-01	1.39E+01	1.69E-02	1.25E-03	4.19E-04	9.10E-04	3.35E-0									

Pond_1 15ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten	Yttrium mg/L	Zinc	Phosphorous mg/L
2049-10-01	23	9.95E-03	5.32E+01	1.20E-01	1.24E-02	4.26E-01	1.63E+01	1.80E-02	1.58E-03	4.16E-04	1.16E-03	3.33E-01	2.30E-01	2.62E-02	3.10E-06	1.24E-02	1.76E-02	2.58E-03	1.14E-03	3.51E-02	2.60E-03
2049-11-01	23	9.94E-03	5.31E+01	1.20E-01	1.24E-02	4.25E-01	1.63E+01	1.80E-02	1.58E-03	4.15E-04	1.16E-03	3.32E-01	2.30E-01	2.62E-02	3.10E-06	1.23E-02	1.75E-02	2.58E-03	1.14E-03	3.50E-02	2.60E-03
2049-12-01	23	9.93E-03	5.31E+01	1.20E-01	1.24E-02	4.25E-01	1.63E+01	1.80E-02	1.58E-03	4.15E-04	1.16E-03	3.32E-01	2.29E-01	2.62E-02	3.10E-06	1.23E-02	1.75E-02	2.58E-03	1.14E-03	3.50E-02	2.60E-03
2050-01-01	24	9.94E-03	5.32E+01	1.20E-01	1.24E-02	4.25E-01	1.63E+01	1.80E-02	1.58E-03	4.16E-04	1.16E-03	3.32E-01	2.30E-01	2.62E-02	3.10E-06	1.23E-02	1.76E-02	2.58E-03	1.14E-03	3.50E-02	2.60E-03
2050-02-01	24	1.00E-02	5.36E+01	1.21E-01	1.25E-02	4.28E-01	1.65E+01	1.81E-02	1.59E-03	4.19E-04	1.17E-03	3.35E-01	2.32E-01	2.63E-02	3.12E-06	1.25E-02	1.77E-02	2.60E-03	1.15E-03	3.53E-02	2.60E-03
2050-03-01	24	1.03E-02	5.53E+01	1.24E-01	1.29E-02	4.38E-01	1.70E+01	1.83E-02	1.64E-03	4.31E-04	1.21E-03	3.45E-01	2.39E-01	2.64E-02	3.19E-06	1.29E-02	1.82E-02	2.68E-03	1.19E-03	3.65E-02	2.61E-03
2050-04-01	24	1.06E-02	5.71E+01	1.28E-01	1.34E-02	4.44E-01	1.75E+01	1.85E-02	1.71E-03	4.38E-04	1.26E-03	3.51E-01	2.49E-01	2.65E-02	3.24E-06	1.34E-02	1.89E-02	2.77E-03	1.21E-03	3.78E-02	2.61E-03
2050-05-01	24	9.90E-03	5.38E+01	1.22E-01	1.27E-02	4.15E-01	1.64E+01	1.81E-02	1.61E-03	4.03E-04	1.19E-03	3.22E-01	2.35E-01	2.63E-02	3.02E-06	1.26E-02	1.79E-02	2.60E-03	1.13E-03	3.57E-02	2.57E-03
2050-06-01	24	1.00E-02	5.45E+01	1.24E-01	1.28E-02	4.19E-01	1.67E+01	1.82E-02	1.64E-03	4.07E-04	1.21E-03	3.26E-01	2.38E-01	2.63E-02	3.05E-06	1.28E-02	1.82E-02	2.64E-03	1.14E-03	3.63E-02	2.58E-03
2050-07-01	24	1.01E-02	5.51E+01	1.25E-01	1.30E-02	4.22E-01	1.68E+01	1.83E-02	1.65E-03	4.12E-04	1.22E-03	3.29E-01	2.41E-01	2.64E-02	3.07E-06	1.29E-02	1.84E-02	2.66E-03	1.15E-03	3.67E-02	2.58E-03
2050-08-01	24	1.02E-02	5.55E+01	1.25E-01	1.31E-02	4.24E-01	1.70E+01	1.83E-02	1.66E-03	4.14E-04	1.23E-03	3.31E-01	2.43E-01	2.64E-02	3.09E-06	1.30E-02	1.85E-02	2.68E-03	1.16E-03	3.69E-02	2.58E-03
2050-09-01	24	1.02E-02	5.57E+01	1.26E-01	1.31E-02	4.26E-01	1.70E+01	1.83E-02	1.67E-03	4.16E-04	1.23E-03	3.33E-01	2.44E-01	2.64E-02	3.10E-06	1.31E-02	1.85E-02	2.69E-03	1.17E-03	3.71E-02	2.58E-03
2050-10-01	24	1.02E-02	5.57E+01	1.26E-01	1.31E-02	4.26E-01	1.70E+01	1.83E-02	1.67E-03	4.16E-04	1.23E-03	3.33E-01	2.44E-01	2.64E-02	3.10E-06	1.31E-02	1.85E-02	2.69E-03	1.17E-03	3.71E-02	2.58E-03
2050-11-01	24	1.02E-02	5.56E+01	1.26E-01	1.31E-02	4.25E-01	1.70E+01	1.83E-02	1.67E-03	4.16E-04	1.23E-03	3.32E-01	2.44E-01	2.64E-02	3.10E-06	1.31E-02	1.85E-02	2.69E-03	1.16E-03	3.70E-02	2.58E-03
2050-12-01	24	1.02E-02	5.56E+01	1.26E-01	1.31E-02	4.25E-01	1.70E+01	1.83E-02	1.67E-03	4.15E-04	1.23E-03	3.32E-01	2.43E-01	2.64E-02	3.10E-06	1.31E-02	1.85E-02	2.69E-03	1.16E-03	3.70E-02	2.58E-03
2051-01-01	25	1.02E-02	5.57E+01	1.26E-01	1.31E-02	4.25E-01	1.70E+01	1.83E-02	1.67E-03	4.16E-04	1.23E-03	3.33E-01	2.44E-01	2.64E-02	3.10E-06	1.31E-02	1.85E-02	2.69E-03	1.16E-03	3.71E-02	2.58E-03
2051-02-01	25	1.03E-02	5.61E+01	1.27E-01	1.32E-02	4.28E-01	1.72E+01	1.84E-02	1.68E-03	4.19E-04	1.24E-03	3.35E-01	2.46E-01	2.65E-02	3.12E-06	1.32E-02	1.87E-02	2.72E-03	1.17E-03	3.74E-02	2.59E-03
2051-03-01	25	1.06E-02	5.79E+01	1.30E-01	1.37E-02	4.38E-01	1.77E+01	1.86E-02	1.74E-03	4.31E-04	1.28E-03	3.45E-01	2.54E-01	2.66E-02	3.19E-06	1.36E-02	1.92E-02	2.80E-03	1.21E-03	3.85E-02	2.60E-03
2051-04-01	25	1.09E-02	5.99E+01	1.35E-01	1.42E-02	4.44E-01	1.83E+01	1.88E-02	1.80E-03	4.39E-04	1.33E-03	3.52E-01	2.63E-01	2.67E-02	3.24E-06	1.41E-02	1.99E-02	2.89E-03	1.23E-03	4.00E-02	2.60E-03
2051-05-01	25	1.02E-02	5.63E+01	1.28E-01	1.34E-02	4.15E-01	1.71E+01	1.85E-02	1.70E-03	4.03E-04	1.26E-03	3.23E-01	2.48E-01	2.65E-02	3.02E-06	1.33E-02	1.89E-02	2.71E-03	1.15E-03	3.78E-02	2.56E-03
2051-06-01	25	1.03E-02	5.71E+01	1.29E-01	1.36E-02	4.19E-01	1.73E+01	1.86E-02	1.73E-03	4.08E-04	1.28E-03	3.26E-01	2.52E-01	2.66E-02	3.05E-06	1.35E-02	1.91E-02	2.75E-03	1.16E-03	3.83E-02	2.56E-03
2051-07-01	25	1.04E-02	5.77E+01	1.31E-01	1.37E-02	4.22E-01	1.75E+01	1.86E-02	1.75E-03	4.12E-04	1.29E-03	3.30E-01	2.55E-01	2.66E-02	3.08E-06	1.37E-02	1.93E-02	2.78E-03	1.17E-03	3.87E-02	2.57E-03
2051-08-01	25	1.05E-02	5.81E+01	1.31E-01	1.38E-02	4.24E-01	1.76E+01	1.87E-02	1.76E-03	4.14E-04	1.30E-03	3.32E-01	2.56E-01	2.66E-02	3.09E-06	1.38E-02	1.94E-02	2.80E-03	1.18E-03	3.90E-02	2.57E-03
2051-09-01	25	1.05E-02	5.83E+01	1.32E-01	1.39E-02	4.26E-01	1.77E+01	1.87E-02	1.76E-03	4.16E-04	1.30E-03	3.33E-01	2.57E-01	2.66E-02	3.10E-06	1.38E-02	1.95E-02	2.81E-03	1.19E-03	3.91E-02	2.57E-03
2051-10-01	25	1.05E-02	5.83E+01	1.32E-01	1.39E-02	4.26E-01	1.77E+01	1.87E-02	1.76E-03	4.16E-04	1.30E-03	3.33E-01	2.57E-01	2.66E-02	3.10E-06	1.38E-02	1.95E-02	2.80E-03	1.18E-03	3.91E-02	2.57E-03
2051-11-01	25	1.05E-02	5.83E+01	1.32E-01	1.39E-02	4.25E-01	1.76E+01	1.87E-02	1.76E-03	4.16E-04	1.30E-03	3.33E-01	2.57E-01	2.66E-02	3.10E-06	1.38E-02	1.95E-02	2.80E-03	1.18E-03	3.91E-02	2.57E-03
2051-12-01	25	1.05E-02	5.82E+01	1.32E-01	1.39E-02	4.25E-01	1.76E+01	1.87E-02	1.76E-03	4.15E-04	1.30E-03	3.32E-01	2.57E-01								

Pond 1 15ppmTSS																					
Date	Mine Year	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2055-08-01	29	1.09E-02	6.25E+01	1.41E-01	1.49E-02	4.25E-01	1.85E+01	1.94E-02	1.91E-03	4.15E-04	1.41E-03	3.32E-01	2.77E-01	2.69E-02	3.09E-06	1.50E-02	2.09E-02	2.97E-03	1.22E-03	4.24E-02	2.55E-03
2055-09-01	29	1.09E-02	6.27E+01	1.41E-01	1.50E-02	4.26E-01	1.86E+01	1.94E-02	1.92E-03	4.16E-04	1.41E-03	3.33E-01	2.78E-01	2.70E-02	3.10E-06	1.50E-02	2.10E-02	2.98E-03	1.22E-03	4.25E-02	2.55E-03
2055-10-01	29	1.09E-02	6.28E+01	1.41E-01	1.50E-02	4.26E-01	1.86E+01	1.94E-02	1.92E-03	4.16E-04	1.41E-03	3.33E-01	2.78E-01	2.70E-02	3.10E-06	1.50E-02	2.10E-02	2.98E-03	1.22E-03	4.25E-02	2.55E-03
2055-11-01	29	1.09E-02	6.27E+01	1.41E-01	1.49E-02	4.25E-01	1.86E+01	1.94E-02	1.92E-03	4.16E-04	1.41E-03	3.33E-01	2.77E-01	2.70E-02	3.10E-06	1.50E-02	2.09E-02	2.98E-03	1.22E-03	4.25E-02	2.55E-03
2055-12-01	29	1.09E-02	6.26E+01	1.41E-01	1.49E-02	4.25E-01	1.85E+01	1.94E-02	1.91E-03	4.15E-04	1.41E-03	3.33E-01	2.77E-01	2.70E-02	3.10E-06	1.50E-02	2.09E-02	2.97E-03	1.22E-03	4.25E-02	2.55E-03
2056-01-01	30	1.09E-02	6.27E+01	1.41E-01	1.49E-02	4.25E-01	1.85E+01	1.94E-02	1.92E-03	4.16E-04	1.41E-03	3.33E-01	2.77E-01	2.70E-02	3.10E-06	1.50E-02	2.09E-02	2.98E-03	1.22E-03	4.25E-02	2.55E-03
2056-02-01	30	1.10E-02	6.31E+01	1.42E-01	1.51E-02	4.28E-01	1.87E+01	1.94E-02	1.93E-03	4.19E-04	1.42E-03	3.35E-01	2.79E-01	2.70E-02	3.12E-06	1.51E-02	2.11E-02	3.00E-03	1.23E-03	4.28E-02	2.56E-03
2056-03-01	30	1.14E-02	6.55E+01	1.47E-01	1.56E-02	4.41E-01	1.94E+01	1.97E-02	2.00E-03	4.34E-04	1.48E-03	3.48E-01	2.90E-01	2.71E-02	3.21E-06	1.57E-02	2.18E-02	3.11E-03	1.27E-03	4.44E-02	2.57E-03

Pond 1 30ppmTSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
Pond 1 Statistics (Year 1 to Year 30)																								
Minimum		8.28	4.09	0.292	0.00013	0.0184	0.00013	0.0231	0.000461	0.00000642	1.3955	0.000015192	0.0011504	0.02273	0.00000965	0.001115	0.000008921	16.823	0.000004411	0.002218	0.0261664	0.002573	1.73311	2.7644
P10		25.3	12.7	0.795	0.000336	0.0475	0.00782	0.0247	0.000493	0.00000662	1.3998	0.000015206	0.0032104	0.02393	0.00000984	0.001918	0.000011801	23.723	0.000013441	0.00231	0.026347	0.003545	1.805	3.9744
Median		102	50.5	3.43	0.095	13.4	0.101	0.0257	0.000514	0.00000679	1.4008	0.000015214	0.0115104	0.03663	0.00000996	0.003648	0.000012071	44.823	0.000036241	0.002594	0.026357	0.007095	1.8075	8.0944
P90		201	99.6	6.89	0.208	29.5	0.214	0.0267	0.000535	0.00000699	1.4021	0.000015223	0.0228104	0.06093	0.00001008	0.007118	0.000012551	69.823	0.000066041	0.002963	0.026375	0.011735	1.8121	12.6044
Maximum		220	109	7.55	0.229	32.3	0.235	0.0309	0.000618	0.00000711	1.4031	0.000015258	0.0250104	0.07303	0.00001057	0.008438	0.000012911	75.523	0.000071941	0.003038	0.026408	0.012675	1.829	13.6044
Monthly Results																								
2027-01-01	1	8.28	4.09	0.292	0.00013	0.0184	0.00013	0.0309	6.18E-04	6.65E-06	1.40E+00	1.53E-05	1.15E-03	2.58E-02	1.06E-05	1.12E-03	8.92E-06	2.00E+01	4.41E-06	2.22E-03	2.62E-02	2.57E-03	1.73E+00	3.33E+00
2027-02-01	1	8.46	4.19	0.298	0.000134	0.0189	0.000328	0.0307	6.15E-04	6.66E-06	1.40E+00	1.53E-05	1.17E-03	2.63E-02	1.06E-05	1.13E-03	9.02E-06	1.99E+01	4.59E-06	2.22E-03	2.62E-02	2.59E-03	1.74E+00	3.32E+00
2027-03-01	1	8.75	4.34	0.308	0.00014	0.0197	0.000641	0.0305	6.09E-04	6.66E-06	1.40E+00	1.53E-05	1.21E-03	2.71E-02	1.05E-05	1.15E-03	9.19E-06	1.98E+01	4.88E-06	2.22E-03	2.62E-02	2.61E-03	1.74E+00	3.30E+00
2027-04-01	1	9.98	5	0.351	0.000164	0.0232	0.00201	0.0292	5.84E-04	6.68E-06	1.40E+00	1.52E-05	1.38E-03	3.07E-02	1.04E-05	1.24E-03	9.88E-06	1.94E+01	6.13E-06	2.23E-03	2.62E-02	2.71E-03	1.76E+00	3.22E+00
2027-05-01	1	13.2	6.75	0.462	0.00023	0.0325	0.0058	0.0252	5.04E-04	6.63E-06	1.40E+00	1.52E-05	1.83E-03	4.01E-02	9.90E-06	1.47E-03	1.17E-05	1.77E+01	9.54E-06	2.26E-03	2.63E-02	2.99E-03	1.80E+00	2.92E+00
2027-06-01	1	14.7	7.51	0.51	0.000258	0.0365	0.00743	0.0235	4.70E-04	6.62E-06	1.40E+00	1.52E-05	2.02E-03	4.42E-02	9.70E-06	1.57E-03	1.25E-05	1.70E+01	1.10E-05	2.28E-03	2.64E-02	3.11E-03	1.82E+00	2.80E+00
2027-07-01	1	15	7.7	0.523	0.000265	0.0375	0.00776	0.0234	4.69E-04	6.67E-06	1.40E+00	1.52E-05	2.07E-03	4.53E-02	9.69E-06	1.59E-03	1.27E-05	1.70E+01	1.13E-05	2.28E-03	2.64E-02	3.14E-03	1.83E+00	2.80E+00
2027-08-01	1	15.2	7.8	0.529	0.000269	0.038	0.00789	0.0236	4.72E-04	6.71E-06	1.40E+00	1.52E-05	2.10E-03	4.58E-02	9.71E-06	1.61E-03	1.28E-05	1.71E+01	1.15E-05	2.28E-03	2.64E-02	3.15E-03	1.83E+00	2.82E+00
2027-09-01	1	15.4	7.87	0.534	0.000271	0.0383	0.00797	0.0238	4.76E-04	6.76E-06	1.40E+00	1.52E-05	2.11E-03	4.62E-02	9.74E-06	1.62E-03	1.29E-05	1.73E+01	1.16E-05	2.28E-03	2.64E-02	3.16E-03	1.83E+00	2.85E+00
2027-10-01	1	15.2	7.77	0.527	0.000268	0.0379	0.00787	0.0235	4.70E-04	6.69E-06	1.40E+00	1.52E-05	2.09E-03	4.57E-02	9.70E-06	1.60E-03	1.28E-05	1.71E+01	1.15E-05	2.28E-03	2.64E-02	3.15E-03	1.83E+00	2.81E+00
2027-11-01	1	15	7.69	0.521	0.000265	0.0374	0.00778	0.0232	4.64E-04	6.63E-06	1.40E+00	1.52E-05	2.07E-03	4.52E-02	9.67E-06	1.59E-03	1.27E-05	1.69E+01	1.13E-05	2.28E-03	2.64E-02	3.14E-03	1.83E+00	2.78E+00
2027-12-01	1	14.9	7.64	0.518	0.000263	0.0372	0.00774	0.0231	4.61E-04	6.60E-06	1.40E+00	1.52E-05	2.06E-03	4.49E-02	9.65E-06	1.59E-03	1.26E-05	1.68E+01	1.13E-05	2.28E-03	2.64E-02	3.13E-03	1.83E+00	2.76E+00
2028-01-01	2	14.9	7.64	0.518	0.000263	0.0372	0.00774	0.0231	4.61E-04	6.60E-06	1.40E+00	1.52E-05	2.06E-03	4.49E-02	9.65E-06	1.59E-03	1.26E-05	1.68E+01	1.13E-05	2.28E-03	2.64E-02	3.13E-03	1.83E+00	2.76E+00
2028-02-01	2	15.1	7.74	0.525	0.000265	0.0374	0.00774	0.0231	4.62E-04	6.60E-06	1.40E+00	1.52E-05	2.08E-03	4.53E-02	9.65E-06	1.60E-03	1.26E-05	1.69E+01	1.14E-05	2.28E-03	2.64E-02	3.14E-03	1.83E+00	2.78E+00
2028-03-01	2	15.4	7.91	0.536	0.000268	0.0378	0.00776	0.0231	4.63E-04	6.61E-06	1.40E+00	1.52E-05	2.13E-03	4.59E-02	9.66E-06	1.63E-03	1.27E-05	1.70E+01	1.15E-05	2.28E-03	2.64E-02	3.16E-03	1.83E+00	2.81E+00
2028-04-01	2	16.9	8.61	0.582	0.00028	0.0395	0.00781	0.0233	4.65E-04	6.64E-06	1.40E+00	1.52E-05	2.31E-03	4.85E-02	9.67E-06	1.74E-03	1.27E-05	1.77E+01	1.19E-05	2.29E-03	2.64E-02	3.23E-03	1.83E+00	2.91E+00
2028-05-01	2	20.5	10.4	0.699	0.000307	0.0434	0.00781	0.0232	4.63E-04	6.62E-06	1.40E+00	1.52E-05	2.79E-03	5.49E-02	9.66E-06	2.04E-03	1.27E-05	1.92E+01	1.29E-05	2.30E-03	2.64E-02	3.41E-03	1.83E+00	3.16E+00
2028-06-01	2	22.1	11.2	0.751	0.00032	0.0452	0.00782	0.0231	4.63E-04	6.62E-06	1.40E+00	1.52E-05	3.00E-03	5.77E-02	9.66E-06	2.16E-03	1.27E-05	1.98E+01	1.34E-05	2.31E-03	2.64E-02	3.48E-03	1.83E+00	3.27E+00
2028-07-01	2	22.6	11.4	0.766	0.000325	0.0459	0.00789	0.0234	4.67E-04	6.67E-06	1.40E+00	1.52E-05	3.06E-03	5.87E-02	9.69E-06	2.20E-03	1.27E-05	2.01E+01	1.36E-05	2.31E-03	2.64E-02	3.51E-03	1.83E+00	3.32E+00
2028-08-01	2	22.8	11.6	0.775	0.000328	0.0463	0.00797	0.0236	4.71E-04	6.71E-06	1.40E+00	1.52E-05	3.09E-03	5.93E-02	9.71E-06	2.22E-03	1.28E-05	2.03E+01	1.37E-05	2.31E-03	2.64E-02	3.52E-03	1.83E+00	3.35E+00
20																								

Pond_1 30ppmTSS																								
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2032-04-01	6	25.7	12.9	0.812	0.00817	1.15	0.0137	0.0258	5.16E-04	6.72E-06	1.40E+00	1.52E-05	3.27E-03	4.60E-02	9.97E-06	1.86E-03	1.18E-05	2.73E+01	1.32E-05	2.31E-03	2.63E-02	3.56E-03	1.80E+00	4.74E+00
2032-05-01	6	24.3	12.2	0.765	0.0102	1.44	0.0159	0.0247	4.94E-04	6.57E-06	1.40E+00	1.52E-05	3.10E-03	4.25E-02	9.84E-06	1.74E-03	1.17E-05	2.65E+01	1.29E-05	2.31E-03	2.63E-02	3.50E-03	1.80E+00	4.62E+00
2032-06-01	6	24.7	12.4	0.777	0.0107	1.51	0.0165	0.0251	5.03E-04	6.67E-06	1.40E+00	1.52E-05	3.14E-03	4.30E-02	9.89E-06	1.75E-03	1.19E-05	2.70E+01	1.31E-05	2.31E-03	2.63E-02	3.52E-03	1.81E+00	4.71E+00
2032-07-01	6	25	12.6	0.786	0.0108	1.53	0.0167	0.0254	5.08E-04	6.73E-06	1.40E+00	1.52E-05	3.18E-03	4.34E-02	9.93E-06	1.76E-03	1.20E-05	2.73E+01	1.32E-05	2.31E-03	2.64E-02	3.54E-03	1.81E+00	4.76E+00
2032-08-01	6	25.2	12.7	0.791	0.0109	1.55	0.0169	0.0256	5.12E-04	6.77E-06	1.40E+00	1.52E-05	3.20E-03	4.37E-02	9.95E-06	1.77E-03	1.20E-05	2.75E+01	1.33E-05	2.31E-03	2.64E-02	3.55E-03	1.81E+00	4.80E+00
2032-09-01	6	25.3	12.7	0.795	0.011	1.55	0.017	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	3.21E-03	4.38E-02	9.96E-06	1.77E-03	1.21E-05	2.76E+01	1.34E-05	2.31E-03	2.64E-02	3.55E-03	1.81E+00	4.82E+00
2032-10-01	6	25.3	12.7	0.795	0.011	1.56	0.017	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	3.21E-03	4.39E-02	9.96E-06	1.77E-03	1.21E-05	2.76E+01	1.34E-05	2.31E-03	2.64E-02	3.55E-03	1.81E+00	4.82E+00
2032-11-01	6	25.3	12.7	0.794	0.011	1.55	0.017	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	3.21E-03	4.38E-02	9.96E-06	1.77E-03	1.21E-05	2.76E+01	1.34E-05	2.31E-03	2.64E-02	3.55E-03	1.81E+00	4.82E+00
2032-12-01	6	25.3	12.7	0.794	0.011	1.55	0.017	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	3.21E-03	4.38E-02	9.96E-06	1.77E-03	1.21E-05	2.76E+01	1.34E-05	2.31E-03	2.64E-02	3.55E-03	1.81E+00	4.82E+00
2033-01-01	7	25.3	12.7	0.795	0.011	1.56	0.017	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	3.21E-03	4.38E-02	9.96E-06	1.77E-03	1.21E-05	2.76E+01	1.34E-05	2.31E-03	2.64E-02	3.55E-03	1.81E+00	4.82E+00
2033-02-01	7	25.5	12.8	0.802	0.0112	1.58	0.0172	0.0258	5.17E-04	6.81E-06	1.40E+00	1.52E-05	3.24E-03	4.42E-02	9.97E-06	1.78E-03	1.21E-05	2.78E+01	1.35E-05	2.31E-03	2.64E-02	3.57E-03	1.81E+00	4.85E+00
2033-03-01	7	26.7	13.4	0.839	0.0119	1.69	0.0181	0.0267	5.33E-04	6.98E-06	1.40E+00	1.52E-05	3.38E-03	4.61E-02	1.01E-05	1.82E-03	1.24E-05	2.87E+01	1.39E-05	2.32E-03	2.64E-02	3.63E-03	1.81E+00	5.03E+00
2033-04-01	7	30.4	15.3	0.958	0.0157	2.22	0.022	0.0271	5.42E-04	7.07E-06	1.40E+00	1.52E-05	3.79E-03	5.24E-02	1.01E-05	1.90E-03	1.25E-05	3.03E+01	1.51E-05	2.33E-03	2.64E-02	3.80E-03	1.81E+00	5.33E+00
2033-05-01	7	32.2	16.1	1.02	0.0191	2.7	0.0249	0.0249	4.97E-04	6.62E-06	1.40E+00	1.52E-05	3.97E-03	5.56E-02	9.86E-06	1.87E-03	1.18E-05	2.94E+01	1.53E-05	2.33E-03	2.63E-02	3.86E-03	1.81E+00	5.21E+00
2033-06-01	7	33.2	16.6	1.05	0.02	2.82	0.0258	0.0252	5.03E-04	6.68E-06	1.40E+00	1.52E-05	4.08E-03	5.72E-02	9.90E-06	1.89E-03	1.19E-05	3.00E+01	1.56E-05	2.34E-03	2.63E-02	3.91E-03	1.81E+00	5.31E+00
2033-07-01	7	33.6	16.8	1.06	0.0203	2.86	0.0262	0.0254	5.09E-04	6.73E-06	1.40E+00	1.52E-05	4.13E-03	5.79E-02	9.93E-06	1.91E-03	1.20E-05	3.03E+01	1.58E-05	2.34E-03	2.64E-02	3.93E-03	1.81E+00	5.37E+00
2033-08-01	7	33.9	17	1.07	0.0204	2.89	0.0264	0.0256	5.12E-04	6.77E-06	1.40E+00	1.52E-05	4.16E-03	5.83E-02	9.95E-06	1.92E-03	1.20E-05	3.05E+01	1.59E-05	2.34E-03	2.64E-02	3.95E-03	1.81E+00	5.41E+00
2033-09-01	7	34	17	1.07	0.0205	2.9	0.0265	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	4.18E-03	5.86E-02	9.96E-06	1.93E-03	1.21E-05	3.06E+01	1.60E-05	2.34E-03	2.64E-02	3.96E-03	1.81E+00	5.43E+00
2033-10-01	7	34.1	17.1	1.08	0.0206	2.9	0.0265	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	4.18E-03	5.86E-02	9.96E-06	1.93E-03	1.21E-05	3.07E+01	1.60E-05	2.34E-03	2.64E-02	3.96E-03	1.81E+00	5.43E+00
2033-11-01	7	34	17	1.07	0.0205	2.9	0.0265	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	4.18E-03	5.86E-02	9.96E-06	1.93E-03	1.21E-05	3.06E+01	1.60E-05	2.34E-03	2.64E-02	3.96E-03	1.81E+00	5.43E+00
2033-12-01	7	34	17	1.07	0.0205	2.9	0.0265	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	4.17E-03	5.85E-02	9.96E-06	1.92E-03	1.21E-05	3.06E+01	1.60E-05	2.34E-03	2.64E-02	3.95E-03	1.81E+00	5.43E+00
2034-01-01	8	34.1	17.1	1.08	0.0206	2.91	0.0265	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	4.18E-03	5.86E-02	9.96E-06	1.93E-03	1.21E-05	3.07E+01	1.60E-05	2.34E-03	2.64E-02	3.96E-03	1.81E+00	5.43E+00
2034-02-01	8	34.3	17.2	1.08	0.0208	2.94	0.0268	0.0258	5.17E-04	6.82E-06	1.40E+00	1.52E-05	4.21E-03	5.90E-02	9.97E-06	1.93E-03	1.21E-05	3.08E+01	1.61E-05	2.34E-03	2.64E-02	3.97E-03	1.81E+00	5.46E+00
2034-03-01	8	35.8	17.9	1.13	0.0218	3.09	0.028	0.0267	5.33E-04	6.98E-06	1.40E+00	1.52E-05	4.38E-03	6.13E-02	1.01E-05	1.98E-03	1.24E-05	3.18E+01	1.66E-05	2.35E-03	2.64E-02	4.04E-04		

Pond_1 30ppmTSS																								
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2038-02-01	12	69.3	34.5	2.28	0.0589	8.32	0.0649	0.0259	5.18E-04	6.83E-06	1.40E+00	1.52E-05	7.99E-03	4.91E-02	9.98E-06	2.62E-03	1.21E-05	3.87E+01	2.66E-05	2.47E-03	2.64E-02	5.58E-03	1.81E+00	6.99E+00
2038-03-01	12	71.8	35.7	2.36	0.0611	8.63	0.0673	0.0267	5.34E-04	6.99E-06	1.40E+00	1.52E-05	8.27E-03	5.04E-02	1.01E-05	2.69E-03	1.24E-05	3.99E+01	2.74E-05	2.48E-03	2.64E-02	5.71E-03	1.81E+00	7.21E+00
2038-04-01	12	75.9	37.8	2.52	0.0654	9.25	0.0717	0.0271	5.43E-04	7.08E-06	1.40E+00	1.52E-05	8.70E-03	4.97E-02	1.01E-05	2.79E-03	1.25E-05	4.05E+01	2.87E-05	2.50E-03	2.64E-02	5.90E-03	1.81E+00	7.32E+00
2038-05-01	12	73.6	36.6	2.47	0.0644	9.11	0.0702	0.0249	4.98E-04	6.62E-06	1.40E+00	1.52E-05	8.39E-03	4.39E-02	9.87E-06	2.68E-03	1.18E-05	3.73E+01	2.77E-05	2.49E-03	2.63E-02	5.78E-03	1.81E+00	6.73E+00
2038-06-01	12	75	37.3	2.52	0.0658	9.3	0.0717	0.0252	5.04E-04	6.68E-06	1.40E+00	1.52E-05	8.55E-03	4.41E-02	9.90E-06	2.72E-03	1.19E-05	3.77E+01	2.82E-05	2.49E-03	2.64E-02	5.85E-03	1.81E+00	6.81E+00
2038-07-01	12	75.8	37.7	2.55	0.0665	9.4	0.0725	0.0254	5.09E-04	6.73E-06	1.40E+00	1.52E-05	8.64E-03	4.45E-02	9.93E-06	2.74E-03	1.20E-05	3.81E+01	2.85E-05	2.50E-03	2.64E-02	5.89E-03	1.81E+00	6.88E+00
2038-08-01	12	76.4	38	2.57	0.067	9.47	0.073	0.0256	5.12E-04	6.77E-06	1.40E+00	1.52E-05	8.70E-03	4.48E-02	9.95E-06	2.76E-03	1.20E-05	3.83E+01	2.87E-05	2.50E-03	2.64E-02	5.92E-03	1.81E+00	6.92E+00
2038-09-01	12	76.7	38.2	2.58	0.0673	9.51	0.0733	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	8.74E-03	4.50E-02	9.96E-06	2.77E-03	1.21E-05	3.85E+01	2.88E-05	2.50E-03	2.64E-02	5.94E-03	1.81E+00	6.95E+00
2038-10-01	12	76.8	38.2	2.58	0.0674	9.52	0.0734	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	8.74E-03	4.50E-02	9.96E-06	2.77E-03	1.21E-05	3.85E+01	2.88E-05	2.50E-03	2.64E-02	5.94E-03	1.81E+00	6.96E+00
2038-11-01	12	76.7	38.2	2.58	0.0673	9.51	0.0733	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	8.73E-03	4.49E-02	9.96E-06	2.77E-03	1.21E-05	3.85E+01	2.88E-05	2.50E-03	2.64E-02	5.93E-03	1.81E+00	6.95E+00
2038-12-01	12	76.6	38.1	2.58	0.0673	9.5	0.0732	0.0257	5.14E-04	6.78E-06	1.40E+00	1.52E-05	8.73E-03	4.49E-02	9.96E-06	2.77E-03	1.21E-05	3.84E+01	2.87E-05	2.50E-03	2.64E-02	5.93E-03	1.81E+00	6.94E+00
2039-01-01	13	76.7	38.2	2.58	0.0673	9.51	0.0733	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	8.73E-03	4.49E-02	9.96E-06	2.77E-03	1.21E-05	3.85E+01	2.88E-05	2.50E-03	2.64E-02	5.93E-03	1.81E+00	6.95E+00
2039-02-01	13	77.3	38.5	2.6	0.0679	9.59	0.0739	0.0259	5.18E-04	6.83E-06	1.40E+00	1.52E-05	8.80E-03	4.52E-02	9.98E-06	2.79E-03	1.21E-05	3.87E+01	2.90E-05	2.50E-03	2.64E-02	5.96E-03	1.81E+00	7.00E+00
2039-03-01	13	80.1	39.8	2.69	0.0704	9.94	0.0766	0.0267	5.34E-04	6.99E-06	1.40E+00	1.52E-05	9.11E-03	4.63E-02	1.01E-05	2.86E-03	1.24E-05	4.00E+01	2.99E-05	2.51E-03	2.64E-02	6.10E-03	1.81E+00	7.23E+00
2039-04-01	13	84.6	42.1	2.85	0.0751	10.6	0.0814	0.0271	5.43E-04	7.08E-06	1.40E+00	1.52E-05	9.60E-03	4.58E-02	1.01E-05	2.99E-03	1.25E-05	4.15E+01	3.13E-05	2.53E-03	2.64E-02	6.31E-03	1.81E+00	7.50E+00
2039-05-01	13	81.8	40.7	2.75	0.0735	10.4	0.0793	0.0249	4.98E-04	6.62E-06	1.40E+00	1.52E-05	9.26E-03	4.07E-02	9.87E-06	2.90E-03	1.18E-05	3.92E+01	3.02E-05	2.52E-03	2.63E-02	6.16E-03	1.81E+00	7.09E+00
2039-06-01	13	83.3	41.4	2.8	0.075	10.6	0.0809	0.0252	5.04E-04	6.68E-06	1.40E+00	1.52E-05	9.43E-03	4.09E-02	9.90E-06	2.94E-03	1.19E-05	3.98E+01	3.07E-05	2.53E-03	2.64E-02	6.23E-03	1.81E+00	7.20E+00
2039-07-01	13	84.2	41.9	2.83	0.0758	10.7	0.0817	0.0254	5.09E-04	6.73E-06	1.40E+00	1.52E-05	9.53E-03	4.12E-02	9.93E-06	2.96E-03	1.20E-05	4.02E+01	3.10E-05	2.53E-03	2.64E-02	6.28E-03	1.81E+00	7.27E+00
2039-08-01	13	84.8	42.2	2.85	0.0764	10.8	0.0824	0.0256	5.13E-04	6.77E-06	1.40E+00	1.52E-05	9.60E-03	4.15E-02	9.95E-06	2.98E-03	1.20E-05	4.05E+01	3.12E-05	2.53E-03	2.64E-02	6.31E-03	1.81E+00	7.32E+00
2039-09-01	13	85.2	42.4	2.87	0.0767	10.8	0.0827	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	9.64E-03	4.16E-02	9.96E-06	2.99E-03	1.21E-05	4.06E+01	3.13E-05	2.53E-03	2.64E-02	6.33E-03	1.81E+00	7.35E+00
2039-10-01	13	85.2	42.4	2.87	0.0768	10.8	0.0828	0.0257	5.15E-04	6.80E-06	1.40E+00	1.52E-05	9.64E-03	4.17E-02	9.96E-06	2.99E-03	1.21E-05	4.07E+01	3.13E-05	2.53E-03	2.64E-02	6.33E-03	1.81E+00	7.35E+00
2039-11-01	13	85.1	42.3	2.87	0.0767	10.8	0.0827	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	9.63E-03	4.16E-02	9.96E-06	2.99E-03	1.21E-05	4.06E+01	3.13E-05	2.53E-03	2.64E-02	6.32E-03	1.81E+00	7.35E+00
2039-12-01	13	85.1	42.3	2.86	0.0767	10.8	0.0826	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	9.63E-03	4.16E-02	9.96E-06	2.99E-03	1.21E-05	4.06E+01	3.13E-05	2.53E-03	2.64E-02	6.32E-03	1.81E+00	7.34E+00
2040-01-01	14	85.1	42.3	2.87	0.0767	10.8	0.0827	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	9.63E-03	4.16E-02	9.96E-06	2.99E-03	1.21E-05	4.06E+01	3.13E-05	2.53E-				

Fond_1 30ppmTSS																								
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2043-12-01	17	118	58.4	4.01	0.113	16	0.119	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	1.32E-02	3.31E-02	9.96E-06	4.07E-03	1.21E-05	4.80E+01	4.10E-05	2.65E-03	2.64E-02	7.84E-03	1.81E+00	8.67E+00
2044-01-01	18	118	58.5	4.01	0.114	16	0.12	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	1.32E-02	3.32E-02	9.96E-06	4.07E-03	1.21E-05	4.80E+01	4.11E-05	2.66E-03	2.64E-02	7.85E-03	1.81E+00	8.69E+00
2044-02-01	18	118	58.7	4.03	0.114	16.1	0.12	0.0258	5.16E-04	6.81E-06	1.40E+00	1.52E-05	1.32E-02	3.32E-02	9.97E-06	4.09E-03	1.21E-05	4.82E+01	4.12E-05	2.66E-03	2.64E-02	7.87E-03	1.81E+00	8.71E+00
2044-03-01	18	123	61	4.18	0.118	16.7	0.125	0.0267	5.34E-04	7.00E-06	1.40E+00	1.52E-05	1.37E-02	3.42E-02	1.01E-05	4.23E-03	1.24E-05	5.00E+01	4.27E-05	2.67E-03	2.64E-02	8.09E-03	1.81E+00	9.04E+00
2044-04-01	18	127	63.2	4.33	0.123	17.4	0.13	0.027	5.41E-04	7.06E-06	1.40E+00	1.52E-05	1.43E-02	3.41E-02	1.01E-05	4.39E-03	1.25E-05	5.15E+01	4.41E-05	2.69E-03	2.64E-02	8.30E-03	1.81E+00	9.32E+00
2044-05-01	18	121	60.1	4.11	0.118	16.6	0.124	0.0249	4.98E-04	6.62E-06	1.40E+00	1.52E-05	1.36E-02	3.09E-02	9.87E-06	4.25E-03	1.18E-05	4.88E+01	4.19E-05	2.67E-03	2.63E-02	7.99E-03	1.81E+00	8.81E+00
2044-06-01	18	123	61.1	4.17	0.12	16.9	0.126	0.0252	5.04E-04	6.68E-06	1.40E+00	1.52E-05	1.38E-02	3.12E-02	9.90E-06	4.32E-03	1.19E-05	4.95E+01	4.25E-05	2.67E-03	2.64E-02	8.09E-03	1.81E+00	8.95E+00
2044-07-01	18	124	61.7	4.22	0.121	17.1	0.127	0.0255	5.09E-04	6.74E-06	1.40E+00	1.52E-05	1.40E-02	3.15E-02	9.93E-06	4.36E-03	1.20E-05	5.00E+01	4.30E-05	2.68E-03	2.64E-02	8.15E-03	1.81E+00	9.04E+00
2044-08-01	18	125	62.2	4.25	0.122	17.2	0.128	0.0256	5.13E-04	6.77E-06	1.40E+00	1.52E-05	1.41E-02	3.16E-02	9.95E-06	4.38E-03	1.20E-05	5.04E+01	4.33E-05	2.68E-03	2.64E-02	8.19E-03	1.81E+00	9.10E+00
2044-09-01	18	126	62.4	4.27	0.123	17.3	0.129	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	1.41E-02	3.18E-02	9.96E-06	4.40E-03	1.21E-05	5.06E+01	4.34E-05	2.68E-03	2.64E-02	8.22E-03	1.81E+00	9.14E+00
2044-10-01	18	126	62.4	4.27	0.123	17.3	0.129	0.0257	5.15E-04	6.80E-06	1.40E+00	1.52E-05	1.41E-02	3.18E-02	9.96E-06	4.40E-03	1.21E-05	5.06E+01	4.34E-05	2.68E-03	2.64E-02	8.22E-03	1.81E+00	9.15E+00
2044-11-01	18	126	62.4	4.26	0.122	17.3	0.128	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	1.41E-02	3.17E-02	9.96E-06	4.40E-03	1.21E-05	5.05E+01	4.34E-05	2.68E-03	2.64E-02	8.22E-03	1.81E+00	9.14E+00
2044-12-01	18	126	62.3	4.26	0.122	17.3	0.128	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	1.41E-02	3.17E-02	9.96E-06	4.40E-03	1.21E-05	5.05E+01	4.34E-05	2.68E-03	2.64E-02	8.21E-03	1.81E+00	9.13E+00
2045-01-01	19	126	62.4	4.27	0.123	17.3	0.129	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	1.41E-02	3.18E-02	9.96E-06	4.40E-03	1.21E-05	5.06E+01	4.34E-05	2.68E-03	2.64E-02	8.22E-03	1.81E+00	9.14E+00
2045-02-01	19	127	63	4.3	0.124	17.5	0.13	0.0259	5.19E-04	6.83E-06	1.40E+00	1.52E-05	1.42E-02	3.20E-02	9.99E-06	4.44E-03	1.21E-05	5.10E+01	4.38E-05	2.69E-03	2.64E-02	8.27E-03	1.81E+00	9.22E+00
2045-03-01	19	131	65	4.44	0.128	18	0.134	0.0267	5.34E-04	6.99E-06	1.40E+00	1.52E-05	1.47E-02	3.28E-02	1.01E-05	4.56E-03	1.24E-05	5.26E+01	4.51E-05	2.70E-03	2.64E-02	8.47E-03	1.81E+00	9.51E+00
2045-04-01	19	136	67.5	4.61	0.133	18.8	0.139	0.0272	5.44E-04	7.10E-06	1.40E+00	1.52E-05	1.53E-02	3.29E-02	1.01E-05	4.75E-03	1.25E-05	5.45E+01	4.67E-05	2.72E-03	2.64E-02	8.71E-03	1.81E+00	9.85E+00
2045-05-01	19	128	63.6	4.33	0.126	17.8	0.132	0.0249	4.99E-04	6.63E-06	1.40E+00	1.52E-05	1.44E-02	2.99E-02	9.87E-06	4.55E-03	1.18E-05	5.13E+01	4.40E-05	2.69E-03	2.63E-02	8.33E-03	1.81E+00	9.27E+00
2045-06-01	19	130	64.6	4.4	0.128	18.1	0.134	0.0252	5.04E-04	6.69E-06	1.40E+00	1.52E-05	1.47E-02	3.01E-02	9.90E-06	4.61E-03	1.19E-05	5.20E+01	4.47E-05	2.70E-03	2.64E-02	8.42E-03	1.81E+00	9.40E+00
2045-07-01	19	131	65.3	4.45	0.129	18.3	0.135	0.0255	5.10E-04	6.74E-06	1.40E+00	1.52E-05	1.48E-02	3.04E-02	9.93E-06	4.66E-03	1.20E-05	5.26E+01	4.51E-05	2.71E-03	2.64E-02	8.49E-03	1.81E+00	9.50E+00
2045-08-01	19	132	65.7	4.47	0.13	18.4	0.136	0.0256	5.13E-04	6.78E-06	1.40E+00	1.52E-05	1.49E-02	3.05E-02	9.95E-06	4.68E-03	1.20E-05	5.29E+01	4.54E-05	2.71E-03	2.64E-02	8.53E-03	1.81E+00	9.56E+00
2045-09-01	19	133	66	4.49	0.131	18.5	0.137	0.0258	5.15E-04	6.80E-06	1.40E+00	1.52E-05	1.50E-02	3.06E-02	9.96E-06	4.70E-03	1.21E-05	5.31E+01	4.56E-05	2.71E-03	2.64E-02	8.56E-03	1.81E+00	9.61E+00
2045-10-01	19	133	66	4.49	0.131	18.5	0.137	0.0258	5.15E-04	6.80E-06	1.40E+00	1.52E-05	1.50E-02	3.06E-02	9.96E-06	4.70E-03	1.21E-05	5.31E+01	4.56E-05	2.71E-03	2.64E-02	8.56E-03	1.81E+00	9.61E+00
2045-11-01	19	133	65.9	4.49	0.131	18.4	0.137	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	1.50E-02	3.06E-02	9.96E-06	4.70E-03	1.21E-05	5.31E+01	4.55E-05	2.71E-03	2.64E-02	8.55E-03	1.81E+00	9.59E+00
2045-12-01	19																							

Fond_1 30ppmTSS																								
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron	Potassium
		mg/L	mg/L	mg/L	mg/L-N	mg/L-N	mg/L-N	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2049-10-01	23	171	85.1	5.86	0.175	24.7	0.181	0.0257	5.15E-04	6.80E-06	1.40E+00	1.52E-05	1.92E-02	2.61E-02	9.96E-06	5.54E-03	1.21E-05	6.25E+01	5.71E-05	2.85E-03	2.64E-02	1.03E-02	1.81E+00	1.14E+01
2049-11-01	23	171	85	5.85	0.174	24.6	0.18	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	1.91E-02	2.61E-02	9.96E-06	5.54E-03	1.21E-05	6.24E+01	5.71E-05	2.85E-03	2.64E-02	1.03E-02	1.81E+00	1.14E+01
2049-12-01	23	171	84.9	5.85	0.174	24.6	0.18	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	1.91E-02	2.61E-02	9.96E-06	5.53E-03	1.21E-05	6.24E+01	5.70E-05	2.85E-03	2.64E-02	1.03E-02	1.81E+00	1.13E+01
2050-01-01	24	171	85	5.85	0.175	24.7	0.181	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	1.92E-02	2.61E-02	9.96E-06	5.54E-03	1.21E-05	6.25E+01	5.71E-05	2.85E-03	2.64E-02	1.03E-02	1.81E+00	1.14E+01
2050-02-01	24	173	85.8	5.91	0.176	24.9	0.182	0.0259	5.19E-04	6.84E-06	1.40E+00	1.52E-05	1.93E-02	2.63E-02	9.99E-06	5.58E-03	1.21E-05	6.30E+01	5.76E-05	2.86E-03	2.64E-02	1.04E-02	1.81E+00	1.15E+01
2050-03-01	24	179	88.6	6.1	0.182	25.7	0.188	0.0267	5.35E-04	7.00E-06	1.40E+00	1.52E-05	2.00E-02	2.70E-02	1.01E-05	5.74E-03	1.24E-05	6.50E+01	5.94E-05	2.88E-03	2.64E-02	1.07E-02	1.81E+00	1.18E+01
2050-04-01	24	185	92	6.34	0.189	26.8	0.196	0.0272	5.44E-04	7.09E-06	1.40E+00	1.52E-05	2.07E-02	2.70E-02	1.01E-05	5.92E-03	1.25E-05	6.70E+01	6.15E-05	2.91E-03	2.64E-02	1.10E-02	1.81E+00	1.22E+01
2050-05-01	24	175	86.8	5.99	0.179	25.3	0.185	0.0249	4.98E-04	6.63E-06	1.40E+00	1.52E-05	1.95E-02	2.46E-02	9.87E-06	5.59E-03	1.18E-05	6.28E+01	5.81E-05	2.87E-03	2.63E-02	1.05E-02	1.81E+00	1.14E+01
2050-06-01	24	178	88.2	6.08	0.182	25.7	0.188	0.0252	5.04E-04	6.68E-06	1.40E+00	1.52E-05	1.98E-02	2.48E-02	9.90E-06	5.66E-03	1.19E-05	6.36E+01	5.89E-05	2.88E-03	2.64E-02	1.06E-02	1.81E+00	1.16E+01
2050-07-01	24	180	89.2	6.15	0.184	26	0.19	0.0255	5.09E-04	6.74E-06	1.40E+00	1.52E-05	2.01E-02	2.50E-02	9.93E-06	5.71E-03	1.20E-05	6.43E+01	5.96E-05	2.88E-03	2.64E-02	1.07E-02	1.81E+00	1.17E+01
2050-08-01	24	181	89.8	6.2	0.186	26.2	0.191	0.0256	5.13E-04	6.77E-06	1.40E+00	1.52E-05	2.02E-02	2.51E-02	9.95E-06	5.75E-03	1.20E-05	6.48E+01	6.00E-05	2.89E-03	2.64E-02	1.08E-02	1.81E+00	1.18E+01
2050-09-01	24	182	90.1	6.22	0.186	26.3	0.192	0.0257	5.15E-04	6.80E-06	1.40E+00	1.52E-05	2.03E-02	2.52E-02	9.96E-06	5.77E-03	1.21E-05	6.50E+01	6.02E-05	2.89E-03	2.64E-02	1.08E-02	1.81E+00	1.18E+01
2050-10-01	24	182	90.2	6.22	0.186	26.3	0.192	0.0258	5.15E-04	6.80E-06	1.40E+00	1.52E-05	2.03E-02	2.52E-02	9.96E-06	5.77E-03	1.21E-05	6.50E+01	6.02E-05	2.89E-03	2.64E-02	1.08E-02	1.81E+00	1.18E+01
2050-11-01	24	182	90.1	6.22	0.186	26.3	0.192	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	2.03E-02	2.52E-02	9.96E-06	5.77E-03	1.21E-05	6.50E+01	6.01E-05	2.89E-03	2.64E-02	1.08E-02	1.81E+00	1.18E+01
2050-12-01	24	181	90	6.21	0.186	26.3	0.192	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	2.03E-02	2.52E-02	9.96E-06	5.76E-03	1.21E-05	6.49E+01	6.01E-05	2.89E-03	2.64E-02	1.08E-02	1.81E+00	1.18E+01
2051-01-01	25	182	90.1	6.22	0.186	26.3	0.192	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	2.03E-02	2.52E-02	9.96E-06	5.77E-03	1.21E-05	6.50E+01	6.02E-05	2.89E-03	2.64E-02	1.08E-02	1.81E+00	1.18E+01
2051-02-01	25	183	90.9	6.27	0.188	26.5	0.194	0.0259	5.19E-04	6.83E-06	1.40E+00	1.52E-05	2.05E-02	2.54E-02	9.99E-06	5.82E-03	1.21E-05	6.55E+01	6.07E-05	2.90E-03	2.64E-02	1.09E-02	1.81E+00	1.19E+01
2051-03-01	25	189	93.8	6.47	0.194	27.4	0.2	0.0267	5.34E-04	6.99E-06	1.40E+00	1.52E-05	2.11E-02	2.60E-02	1.01E-05	5.99E-03	1.24E-05	6.75E+01	6.26E-05	2.92E-03	2.64E-02	1.12E-02	1.81E+00	1.23E+01
2051-04-01	25	196	97.5	6.73	0.202	28.5	0.208	0.0272	5.44E-04	7.10E-06	1.40E+00	1.52E-05	2.20E-02	2.61E-02	1.01E-05	6.29E-03	1.25E-05	6.97E+01	6.48E-05	2.95E-03	2.64E-02	1.15E-02	1.81E+00	1.27E+01
2051-05-01	25	185	91.9	6.35	0.191	27	0.197	0.0249	4.99E-04	6.63E-06	1.40E+00	1.52E-05	2.08E-02	2.38E-02	9.87E-06	6.07E-03	1.18E-05	6.53E+01	6.12E-05	2.90E-03	2.63E-02	1.10E-02	1.81E+00	1.19E+01
2051-06-01	25	188	93.3	6.45	0.194	27.4	0.2	0.0252	5.04E-04	6.69E-06	1.40E+00	1.52E-05	2.11E-02	2.40E-02	9.90E-06	6.17E-03	1.19E-05	6.61E+01	6.20E-05	2.92E-03	2.64E-02	1.11E-02	1.81E+00	1.20E+01
2051-07-01	25	190	94.3	6.52	0.196	27.7	0.202	0.0255	5.10E-04	6.74E-06	1.40E+00	1.52E-05	2.13E-02	2.42E-02	9.93E-06	6.23E-03	1.20E-05	6.69E+01	6.27E-05	2.92E-03	2.64E-02	1.12E-02	1.81E+00	1.21E+01
2051-08-01	25	191	95	6.57	0.197	27.9	0.203	0.0257	5.13E-04	6.78E-06	1.40E+00	1.52E-05	2.14E-02	2.43E-02	9.95E-06	6.27E-03	1.20E-05	6.73E+01	6.31E-05	2.93E-03	2.64E-02	1.13E-02	1.81E+00	1.22E+01
2051-09-01	25	192	95.4	6.59	0.198	28	0.204	0.0258	5.15E-04	6.80E-06	1.40E+00	1.52E-05	2.15E-02	2.44E-02	9.96E-06	6.29E-03	1.21E-05	6.76E+01	6.34E-05	2.93E-03	2.64E-02	1.13E-02	1.81E+00	1.23E+01
2051-10-01	25																							

Pond_1 30ppmTSS																								
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	Total Ammonia mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L
2055-08-01	29	209	103	7.16	0.217	30.7	0.223	0.0257	5.13E-04	6.78E-06	1.40E+00	1.52E-05	2.38E-02	2.32E-02	9.95E-06	8.07E-03	1.21E-05	7.15E+01	6.83E-05	2.99E-03	2.64E-02	1.21E-02	1.81E+00	1.29E+01
2055-09-01	29	209	104	7.18	0.218	30.8	0.224	0.0258	5.15E-04	6.80E-06	1.40E+00	1.52E-05	2.39E-02	2.33E-02	9.97E-06	8.10E-03	1.21E-05	7.18E+01	6.85E-05	3.00E-03	2.64E-02	1.22E-02	1.81E+00	1.29E+01
2055-10-01	29	210	104	7.18	0.218	30.8	0.224	0.0258	5.15E-04	6.80E-06	1.40E+00	1.52E-05	2.39E-02	2.33E-02	9.97E-06	8.10E-03	1.21E-05	7.18E+01	6.85E-05	3.00E-03	2.64E-02	1.22E-02	1.81E+00	1.29E+01
2055-11-01	29	209	104	7.17	0.218	30.8	0.224	0.0257	5.15E-04	6.79E-06	1.40E+00	1.52E-05	2.39E-02	2.33E-02	9.96E-06	8.09E-03	1.21E-05	7.17E+01	6.84E-05	3.00E-03	2.64E-02	1.22E-02	1.81E+00	1.29E+01
2055-12-01	29	209	104	7.17	0.218	30.7	0.224	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	2.38E-02	2.32E-02	9.96E-06	8.09E-03	1.21E-05	7.17E+01	6.84E-05	3.00E-03	2.64E-02	1.22E-02	1.81E+00	1.29E+01
2056-01-01	30	209	104	7.17	0.218	30.7	0.224	0.0257	5.14E-04	6.79E-06	1.40E+00	1.52E-05	2.39E-02	2.33E-02	9.96E-06	8.09E-03	1.21E-05	7.17E+01	6.84E-05	3.00E-03	2.64E-02	1.22E-02	1.81E+00	1.29E+01
2056-02-01	30	211	105	7.23	0.219	31	0.225	0.0259	5.18E-04	6.83E-06	1.40E+00	1.52E-05	2.40E-02	2.34E-02	9.98E-06	8.15E-03	1.21E-05	7.22E+01	6.89E-05	3.00E-03	2.64E-02	1.23E-02	1.81E+00	1.30E+01
2056-03-01	30	219	109	7.5	0.228	32.2	0.234	0.0269	5.38E-04	7.04E-06	1.40E+00	1.52E-05	2.49E-02	2.42E-02	1.01E-05	8.44E-03	1.25E-05	7.49E+01	7.15E-05	3.03E-03	2.64E-02	1.26E-02	1.81E+00	1.35E+01

Pond 1 30ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
Pond 1 Statistics (Year 1 to Year 30)																					
Minimum		0.00048231	17.914	0.03495	0.0005823	0.2009	4.0349	0.025781	0.0001162	0.0003926	0.00007041	0.0002807	0.013137	0.045763	0.000003601	0.00058153	0.003261	0.00009487	0.000211	0.00318	0.004718
P10		0.00590031	20.014	0.0494	0.0017953	0.5102	5.7549	0.026363	0.0003079	0.0004086	0.00019551	0.3211839	0.035537	0.046108	0.000003661	0.00177453	0.004991	0.00098247	0.0009507	0.00715	0.004737
Median		0.00808031	38.214	0.0944	0.0073353	0.5202	11.7049	0.02867	0.0009859	0.0004276	0.00070351	0.3321839	0.137637	0.04763	0.000003751	0.00732453	0.012171	0.00181747	0.0011247	0.02216	0.004923
P90		0.01086031	62.314	0.1523	0.0145153	0.5402	18.3049	0.03181	0.0018629	0.0004436	0.00136551	0.3531839	0.269637	0.0496	0.000003841	0.01440453	0.021511	0.00290747	0.0012947	0.04166	0.005268
Maximum		0.01166031	67.614	0.1633	0.0157153	0.6162	19.7049	0.03244	0.0020329	0.0004886	0.00149551	0.4261839	0.293637	0.04997	0.000003891	0.01580453	0.023211	0.00314747	0.0013747	0.04546	0.00652
Monthly Results																					
2027-01-01	1	4.82E-04	2.23E+01	3.50E-02	5.82E-04	2.01E-01	4.85E+00	2.58E-02	1.16E-04	4.89E-04	7.04E-05	2.81E-04	1.31E-02	4.58E-02	3.89E-06	5.82E-04	3.26E-03	9.49E-05	2.11E-04	3.18E-03	6.52E-03
2027-02-01	1	6.47E-04	2.23E+01	3.52E-02	5.93E-04	2.01E-01	4.83E+00	2.58E-02	1.19E-04	4.87E-04	7.21E-05	1.10E-02	1.34E-02	4.58E-02	3.88E-06	5.93E-04	3.28E-03	1.19E-04	2.34E-04	3.24E-03	6.50E-03
2027-03-01	1	9.08E-04	2.22E+01	3.56E-02	6.12E-04	2.18E-01	4.80E+00	2.58E-02	1.24E-04	4.84E-04	7.49E-05	2.80E-02	1.37E-02	4.58E-02	3.87E-06	6.12E-04	3.31E-03	1.58E-04	2.71E-04	3.33E-03	6.47E-03
2027-04-01	1	2.05E-03	2.19E+01	3.74E-02	6.90E-04	2.92E-01	4.68E+00	2.59E-02	1.45E-04	4.69E-04	8.66E-05	1.02E-01	1.52E-02	4.58E-02	3.84E-06	6.93E-04	3.44E-03	3.30E-04	4.33E-04	3.72E-03	6.36E-03
2027-05-01	1	5.20E-03	2.07E+01	4.21E-02	8.96E-04	4.98E-01	4.26E+00	2.60E-02	2.00E-04	4.19E-04	1.19E-04	3.08E-01	1.90E-02	4.59E-02	3.68E-06	9.07E-04	3.77E-03	8.02E-04	8.80E-04	4.76E-03	6.00E-03
2027-06-01	1	6.57E-03	2.01E+01	4.42E-02	9.86E-04	5.86E-01	4.08E+00	2.61E-02	2.24E-04	3.99E-04	1.32E-04	3.96E-01	2.07E-02	4.59E-02	3.62E-06	1.00E-03	3.92E-03	1.01E-03	1.07E-03	5.21E-03	5.84E-03
2027-07-01	1	6.84E-03	2.02E+01	4.47E-02	1.01E-03	6.04E-01	4.09E+00	2.61E-02	2.30E-04	3.99E-04	1.35E-04	4.14E-01	2.11E-02	4.59E-02	3.63E-06	1.02E-03	3.95E-03	1.05E-03	1.11E-03	5.31E-03	5.83E-03
2027-08-01	1	6.95E-03	2.04E+01	4.49E-02	1.03E-03	6.11E-01	4.11E+00	2.61E-02	2.32E-04	4.01E-04	1.37E-04	4.21E-01	2.13E-02	4.59E-02	3.65E-06	1.03E-03	3.97E-03	1.07E-03	1.13E-03	5.36E-03	5.84E-03
2027-09-01	1	7.02E-03	2.05E+01	4.50E-02	1.04E-03	6.15E-01	4.15E+00	2.62E-02	2.34E-04	4.05E-04	1.38E-04	4.26E-01	2.15E-02	4.59E-02	3.67E-06	1.04E-03	3.98E-03	1.08E-03	1.14E-03	5.40E-03	5.85E-03
2027-10-01	1	6.94E-03	2.03E+01	4.48E-02	1.02E-03	6.10E-01	4.10E+00	2.61E-02	2.32E-04	4.00E-04	1.37E-04	4.20E-01	2.13E-02	4.59E-02	3.64E-06	1.03E-03	3.97E-03	1.07E-03	1.12E-03	5.35E-03	5.83E-03
2027-11-01	1	6.86E-03	2.01E+01	4.47E-02	1.01E-03	6.06E-01	4.05E+00	2.61E-02	2.29E-04	3.95E-04	1.35E-04	4.16E-01	2.11E-02	4.59E-02	3.62E-06	1.02E-03	3.95E-03	1.05E-03	1.11E-03	5.31E-03	5.82E-03
2027-12-01	1	6.82E-03	2.00E+01	4.46E-02	1.00E-03	6.03E-01	4.03E+00	2.61E-02	2.28E-04	3.93E-04	1.35E-04	4.13E-01	2.10E-02	4.59E-02	3.60E-06	1.01E-03	3.94E-03	1.05E-03	1.11E-03	5.29E-03	5.81E-03
2028-01-01	2	6.82E-03	2.00E+01	4.46E-02	1.00E-03	6.03E-01	4.03E+00	2.61E-02	2.28E-04	3.93E-04	1.34E-04	4.13E-01	2.10E-02	4.59E-02	3.60E-06	1.01E-03	3.94E-03	1.05E-03	1.11E-03	5.28E-03	5.81E-03
2028-02-01	2	6.83E-03	2.00E+01	4.47E-02	1.02E-03	6.03E-01	4.05E+00	2.61E-02	2.30E-04	3.93E-04	1.36E-04	4.14E-01	2.12E-02	4.59E-02	3.60E-06	1.02E-03	3.96E-03	1.05E-03	1.11E-03	5.33E-03	5.80E-03
2028-03-01	2	6.85E-03	2.01E+01	4.49E-02	1.04E-03	6.04E-01	4.09E+00	2.62E-02	2.33E-04	3.94E-04	1.38E-04	4.14E-01	2.16E-02	4.59E-02	3.61E-06	1.05E-03	3.99E-03	1.06E-03	1.11E-03	5.39E-03	5.79E-03
2028-04-01	2	6.92E-03	2.03E+01	4.57E-02	1.14E-03	6.06E-01	4.24E+00	2.62E-02	2.46E-04	3.96E-04	1.47E-04	4.17E-01	2.34E-02	4.59E-02	3.62E-06	1.15E-03	4.12E-03	1.08E-03	1.12E-03	5.68E-03	5.74E-03
2028-05-01	2	7.00E-03	2.07E+01	4.77E-02	1.38E-03	6.05E-01	4.59E+00	2.63E-02	2.78E-04	3.95E-04	1.71E-04	4.15E-01	2.80E-02	4.60E-02	3.61E-06	1.40E-03	4.45E-03	1.11E-03	1.12E-03	6.39E-03	5.58E-03
2028-06-01	2	7.03E-03	2.09E+01	4.86E-02	1.49E-03	6.04E-01	4.75E+00	2.64E-02	2.92E-04	3.94E-04	1.81E-04	4.15E-01	2.99E-02	4.60E-02	3.61E-06	1.51E-03	4.59E-03	1.13E-03	1.13E-03	6.70E-03	5.51E-03
2028-07-01	2	7.10E-03	2.11E+01	4.89E-02	1.52E-03	6.08E-01	4.82E+00	2.64E-02	2.97E-04	3.98E-04	1.84E-04	4.19E-01	3.05E-02	4.60E-02	3.63E-06	1.54E-03	4.63E-03	1.14E-03	1.13E-03	6.79E-03	5.51E-03
2028-08-01	2	7.17E-03	2.12E+01	4.91E-02	1.54E-03	6.12E-01	4.86E+00	2.64E-02	2.99E-04	4.01E-04	1.86E-04	4.22E-01	3.08E-02	4.60E-02	3.65E-06	1.56E-03	4.66E-03	1.15E-03	1.14E-03	6.85E-03	5.52E-03
2028-09-01	2	7.23E-03	2.14E+01	4.93E-02	1.55E-03	6.16E-01	4.91E+00	2.64E-02	3.02E-04	4.05E-04	1.88E-04	4.26E-01	3.11E-02	4.60E-02	3.67E-06	1.57E-03	4.68E-03	1.16E-03	1.15E-03	6.90E-03	5.53E-03
2028-10-01	2	7.14E-03	2.12E+01	4.91E-02	1.53E-03	6.10E-01	4.85E+00	2.64E-02	2.99E-04	4.00E-04	1.85E-04	4.21E-01	3.07E-02	4.60E-02	3.64E-06	1.55E-03	4.65E-03	1.14E-03	1.14E-03	6.84E-03	5.51E-03
2028-11-01	2	7.06E-03	2.10E+01	4.89E-02	1.52E-03	6.06E-															

Pond_1 30ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2032-04-01	6	5.53E-03	1.89E+01	4.97E-02	1.82E-03	4.95E-01	6.89E+00	2.63E-02	3.09E-04	4.28E-04	1.98E-04	3.05E-01	3.59E-02	4.61E-02	3.73E-06	1.80E-03	5.00E-03	9.31E-04	8.98E-04	7.18E-03	5.23E-03
2032-05-01	6	5.63E-03	1.79E+01	4.91E-02	1.74E-03	5.04E-01	6.72E+00	2.63E-02	2.99E-04	4.12E-04	1.90E-04	3.14E-01	3.43E-02	4.61E-02	3.65E-06	1.71E-03	4.89E-03	9.36E-04	9.14E-04	6.93E-03	5.17E-03
2032-06-01	6	5.76E-03	1.81E+01	4.95E-02	1.76E-03	5.12E-01	6.86E+00	2.63E-02	3.03E-04	4.19E-04	1.92E-04	3.22E-01	3.48E-02	4.61E-02	3.69E-06	1.73E-03	4.93E-03	9.59E-04	9.33E-04	7.03E-03	5.18E-03
2032-07-01	6	5.83E-03	1.82E+01	4.97E-02	1.78E-03	5.16E-01	6.93E+00	2.63E-02	3.06E-04	4.24E-04	1.94E-04	3.26E-01	3.52E-02	4.61E-02	3.72E-06	1.75E-03	4.96E-03	9.70E-04	9.42E-04	7.09E-03	5.19E-03
2032-08-01	6	5.87E-03	1.83E+01	4.98E-02	1.80E-03	5.18E-01	6.98E+00	2.63E-02	3.08E-04	4.27E-04	1.96E-04	3.29E-01	3.54E-02	4.61E-02	3.74E-06	1.77E-03	4.98E-03	9.77E-04	9.48E-04	7.13E-03	5.19E-03
2032-09-01	6	5.90E-03	1.84E+01	4.99E-02	1.80E-03	5.20E-01	7.01E+00	2.63E-02	3.09E-04	4.28E-04	1.97E-04	3.30E-01	3.56E-02	4.61E-02	3.75E-06	1.77E-03	4.99E-03	9.82E-04	9.51E-04	7.15E-03	5.20E-03
2032-10-01	6	5.90E-03	1.84E+01	4.99E-02	1.81E-03	5.20E-01	7.02E+00	2.63E-02	3.09E-04	4.29E-04	1.97E-04	3.30E-01	3.56E-02	4.61E-02	3.75E-06	1.77E-03	4.99E-03	9.82E-04	9.52E-04	7.16E-03	5.20E-03
2032-11-01	6	5.90E-03	1.84E+01	4.99E-02	1.80E-03	5.20E-01	7.01E+00	2.63E-02	3.09E-04	4.28E-04	1.96E-04	3.30E-01	3.55E-02	4.61E-02	3.75E-06	1.77E-03	4.99E-03	9.81E-04	9.51E-04	7.15E-03	5.20E-03
2032-12-01	6	5.89E-03	1.84E+01	4.99E-02	1.80E-03	5.20E-01	7.01E+00	2.63E-02	3.09E-04	4.28E-04	1.96E-04	3.30E-01	3.55E-02	4.61E-02	3.75E-06	1.77E-03	4.99E-03	9.81E-04	9.51E-04	7.15E-03	5.20E-03
2033-01-01	7	5.90E-03	1.84E+01	4.99E-02	1.81E-03	5.20E-01	7.01E+00	2.63E-02	3.09E-04	4.29E-04	1.97E-04	3.30E-01	3.56E-02	4.61E-02	3.75E-06	1.77E-03	4.99E-03	9.82E-04	9.52E-04	7.16E-03	5.20E-03
2033-02-01	7	5.93E-03	1.85E+01	5.01E-02	1.82E-03	5.22E-01	7.06E+00	2.63E-02	3.12E-04	4.30E-04	1.98E-04	3.32E-01	3.59E-02	4.61E-02	3.76E-06	1.79E-03	5.01E-03	9.88E-04	9.55E-04	7.20E-03	5.20E-03
2033-03-01	7	6.12E-03	1.90E+01	5.09E-02	1.91E-03	5.32E-01	7.31E+00	2.64E-02	3.23E-04	4.43E-04	2.06E-04	3.42E-01	3.74E-02	4.61E-02	3.84E-06	1.87E-03	5.13E-03	1.03E-03	9.80E-04	7.45E-03	5.22E-03
2033-04-01	7	6.31E-03	1.98E+01	5.33E-02	2.18E-03	5.37E-01	7.76E+00	2.65E-02	3.57E-04	4.50E-04	2.31E-04	3.48E-01	4.26E-02	4.62E-02	3.88E-06	2.14E-03	5.50E-03	1.08E-03	9.99E-04	8.19E-03	5.20E-03
2033-05-01	7	5.95E-03	1.91E+01	5.40E-02	2.33E-03	5.09E-01	7.58E+00	2.65E-02	3.69E-04	4.15E-04	2.42E-04	3.20E-01	4.53E-02	4.63E-02	3.67E-06	2.28E-03	5.68E-03	1.04E-03	9.42E-04	8.49E-03	5.08E-03
2033-06-01	7	6.03E-03	1.94E+01	5.47E-02	2.40E-03	5.13E-01	7.73E+00	2.65E-02	3.78E-04	4.20E-04	2.49E-04	3.24E-01	4.66E-02	4.63E-02	3.70E-06	2.35E-03	5.78E-03	1.06E-03	9.52E-04	8.69E-03	5.08E-03
2033-07-01	7	6.10E-03	1.96E+01	5.50E-02	2.43E-03	5.16E-01	7.82E+00	2.65E-02	3.82E-04	4.24E-04	2.52E-04	3.27E-01	4.72E-02	4.63E-02	3.72E-06	2.38E-03	5.82E-03	1.07E-03	9.60E-04	8.78E-03	5.09E-03
2033-08-01	7	6.14E-03	1.97E+01	5.52E-02	2.45E-03	5.19E-01	7.87E+00	2.65E-02	3.85E-04	4.27E-04	2.53E-04	3.29E-01	4.75E-02	4.63E-02	3.74E-06	2.39E-03	5.85E-03	1.08E-03	9.65E-04	8.84E-03	5.10E-03
2033-09-01	7	6.16E-03	1.98E+01	5.53E-02	2.46E-03	5.20E-01	7.91E+00	2.65E-02	3.87E-04	4.29E-04	2.55E-04	3.31E-01	4.77E-02	4.63E-02	3.75E-06	2.41E-03	5.86E-03	1.08E-03	9.69E-04	8.87E-03	5.10E-03
2033-10-01	7	6.17E-03	1.98E+01	5.53E-02	2.47E-03	5.20E-01	7.91E+00	2.65E-02	3.87E-04	4.29E-04	2.55E-04	3.31E-01	4.78E-02	4.63E-02	3.75E-06	2.41E-03	5.86E-03	1.08E-03	9.69E-04	8.88E-03	5.10E-03
2033-11-01	7	6.16E-03	1.98E+01	5.53E-02	2.46E-03	5.20E-01	7.91E+00	2.65E-02	3.87E-04	4.28E-04	2.55E-04	3.30E-01	4.77E-02	4.63E-02	3.75E-06	2.41E-03	5.86E-03	1.08E-03	9.68E-04	8.87E-03	5.10E-03
2033-12-01	7	6.16E-03	1.98E+01	5.53E-02	2.46E-03	5.20E-01	7.90E+00	2.65E-02	3.86E-04	4.28E-04	2.54E-04	3.30E-01	4.77E-02	4.63E-02	3.75E-06	2.40E-03	5.86E-03	1.08E-03	9.68E-04	8.87E-03	5.10E-03
2034-01-01	8	6.17E-03	1.98E+01	5.53E-02	2.47E-03	5.20E-01	7.91E+00	2.65E-02	3.87E-04	4.29E-04	2.55E-04	3.31E-01	4.78E-02	4.63E-02	3.75E-06	2.41E-03	5.86E-03	1.08E-03	9.69E-04	8.88E-03	5.10E-03
2034-02-01	8	6.19E-03	1.99E+01	5.55E-02	2.49E-03	5.22E-01	7.95E+00	2.66E-02	3.89E-04	4.30E-04	2.57E-04	3.32E-01	4.81E-02	4.63E-02	3.76E-06	2.43E-03	5.89E-03	1.09E-03	9.73E-04	8.93E-03	5.10E-03
2034-03-01	8	6.39E-03	2.05E+01	5.65E-02	2.59E-03	5.32E-01	8.22E+00	2.66E-02	4.04E-04	4.43E-04	2.67E-04	3.43E-01	5.01E-02	4.63E-02	3.84E-06	2.53E-03	6.03E-03	1.13E-03	9.98E-04	9.23E-03	5.12E-03
2034-04-01	8	6.59E-03	2.17E+01	5.90E-02	2.89E-03	5.38E-01	8.57E+00	2.67E-02	4.39E-04	4.50E-04	2.93E-04	3.48E-01	5.55E-02	4.64E-02	3.88E-06	2.82E-03	6.42E-03	1.18E-03	1.02E-03	1.00E-02	5.12E-03
2034-05-01	8	6.21E-03	2.13E+01	5.93E-02	2.98E-03	5.09E-01	8.19E+00	2.67E-02	4.46E-04	4.15E-04	3.00E-04	3.20E-01	5.73E-02	4.64E-02	3.67E-06	2.91E-03	6.53E-03	1.14E-03	9.59E-04	1.02E-02	5.04E-03
2034-06-01	8	6.30E-03	2.17E+01	6.00E-02	3.06E-03	5.13E-01	8.32E+00	2.68E-02	4.57E-04	4.20E-04	3.08E-04	3.24E-01	5.88E-02	4.65E-02							

Pond_1 30ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2038-02-01	12	7.22E-03	2.89E+01	7.62E-02	5.06E-03	5.22E-01	1.02E+01	2.76E-02	6.99E-04	4.31E-04	4.90E-04	3.33E-01	9.57E-02	4.70E-02	3.76E-06	4.96E-03	9.25E-03	1.48E-03	1.04E-03	1.58E-02	4.97E-03
2038-03-01	12	7.45E-03	2.99E+01	7.79E-02	5.24E-03	5.33E-01	1.05E+01	2.76E-02	7.22E-04	4.44E-04	5.07E-04	3.44E-01	9.91E-02	4.71E-02	3.84E-06	5.14E-03	9.49E-03	1.53E-03	1.07E-03	1.63E-02	4.99E-03
2038-04-01	12	7.64E-03	3.16E+01	8.03E-02	5.54E-03	5.38E-01	1.06E+01	2.78E-02	7.60E-04	4.51E-04	5.36E-04	3.49E-01	1.05E-01	4.71E-02	3.88E-06	5.44E-03	9.87E-03	1.58E-03	1.09E-03	1.72E-02	5.02E-03
2038-05-01	12	7.15E-03	3.11E+01	7.83E-02	5.36E-03	5.10E-01	9.78E+00	2.77E-02	7.36E-04	4.16E-04	5.20E-04	3.21E-01	1.01E-01	4.71E-02	3.67E-06	5.28E-03	9.61E-03	1.50E-03	1.02E-03	1.67E-02	4.97E-03
2038-06-01	12	7.24E-03	3.16E+01	7.92E-02	5.46E-03	5.13E-01	9.90E+00	2.78E-02	7.49E-04	4.20E-04	5.29E-04	3.24E-01	1.04E-01	4.71E-02	3.70E-06	5.38E-03	9.74E-03	1.52E-03	1.03E-03	1.69E-02	4.98E-03
2038-07-01	12	7.31E-03	3.19E+01	7.97E-02	5.52E-03	5.17E-01	9.99E+00	2.78E-02	7.56E-04	4.24E-04	5.35E-04	3.28E-01	1.05E-01	4.71E-02	3.72E-06	5.44E-03	9.82E-03	1.54E-03	1.04E-03	1.71E-02	4.99E-03
2038-08-01	12	7.36E-03	3.22E+01	8.01E-02	5.56E-03	5.19E-01	1.01E+01	2.78E-02	7.62E-04	4.27E-04	5.39E-04	3.30E-01	1.05E-01	4.71E-02	3.74E-06	5.48E-03	9.87E-03	1.55E-03	1.05E-03	1.72E-02	4.99E-03
2038-09-01	12	7.39E-03	3.23E+01	8.03E-02	5.59E-03	5.20E-01	1.01E+01	2.78E-02	7.65E-04	4.29E-04	5.41E-04	3.31E-01	1.06E-01	4.71E-02	3.75E-06	5.51E-03	9.90E-03	1.56E-03	1.05E-03	1.73E-02	5.00E-03
2038-10-01	12	7.40E-03	3.23E+01	8.03E-02	5.59E-03	5.20E-01	1.01E+01	2.78E-02	7.65E-04	4.29E-04	5.41E-04	3.31E-01	1.06E-01	4.71E-02	3.75E-06	5.51E-03	9.91E-03	1.56E-03	1.05E-03	1.73E-02	5.00E-03
2038-11-01	12	7.39E-03	3.23E+01	8.03E-02	5.58E-03	5.20E-01	1.01E+01	2.78E-02	7.65E-04	4.28E-04	5.41E-04	3.31E-01	1.06E-01	4.71E-02	3.75E-06	5.50E-03	9.90E-03	1.55E-03	1.05E-03	1.73E-02	5.00E-03
2038-12-01	12	7.38E-03	3.22E+01	8.02E-02	5.58E-03	5.20E-01	1.01E+01	2.78E-02	7.64E-04	4.28E-04	5.41E-04	3.31E-01	1.06E-01	4.71E-02	3.75E-06	5.50E-03	9.89E-03	1.55E-03	1.05E-03	1.73E-02	5.00E-03
2039-01-01	13	7.39E-03	3.23E+01	8.03E-02	5.58E-03	5.20E-01	1.01E+01	2.78E-02	7.64E-04	4.28E-04	5.41E-04	3.31E-01	1.06E-01	4.71E-02	3.75E-06	5.50E-03	9.90E-03	1.55E-03	1.05E-03	1.73E-02	5.00E-03
2039-02-01	13	7.44E-03	3.25E+01	8.07E-02	5.63E-03	5.22E-01	1.02E+01	2.79E-02	7.71E-04	4.31E-04	5.45E-04	3.33E-01	1.07E-01	4.72E-02	3.76E-06	5.55E-03	9.96E-03	1.57E-03	1.06E-03	1.74E-02	5.00E-03
2039-03-01	13	7.67E-03	3.35E+01	8.24E-02	5.83E-03	5.33E-01	1.05E+01	2.79E-02	7.96E-04	4.44E-04	5.64E-04	3.44E-01	1.10E-01	4.72E-02	3.84E-06	5.74E-03	1.02E-02	1.62E-03	1.09E-03	1.80E-02	5.02E-03
2039-04-01	13	7.89E-03	3.47E+01	8.51E-02	6.15E-03	5.38E-01	1.09E+01	2.81E-02	8.37E-04	4.51E-04	5.94E-04	3.49E-01	1.16E-01	4.73E-02	3.88E-06	6.07E-03	1.06E-02	1.68E-03	1.11E-03	1.89E-02	5.02E-03
2039-05-01	13	7.37E-03	3.31E+01	8.29E-02	5.94E-03	5.10E-01	1.03E+01	2.80E-02	8.08E-04	4.16E-04	5.73E-04	3.21E-01	1.12E-01	4.72E-02	3.67E-06	5.88E-03	1.04E-02	1.59E-03	1.04E-03	1.83E-02	4.95E-03
2039-06-01	13	7.47E-03	3.36E+01	8.39E-02	6.05E-03	5.13E-01	1.04E+01	2.81E-02	8.22E-04	4.20E-04	5.84E-04	3.24E-01	1.14E-01	4.73E-02	3.70E-06	5.99E-03	1.05E-02	1.61E-03	1.05E-03	1.86E-02	4.95E-03
2039-07-01	13	7.54E-03	3.39E+01	8.44E-02	6.11E-03	5.17E-01	1.05E+01	2.81E-02	8.30E-04	4.24E-04	5.90E-04	3.28E-01	1.16E-01	4.73E-02	3.72E-06	6.05E-03	1.06E-02	1.63E-03	1.06E-03	1.87E-02	4.96E-03
2039-08-01	13	7.60E-03	3.41E+01	8.48E-02	6.16E-03	5.19E-01	1.06E+01	2.81E-02	8.36E-04	4.27E-04	5.94E-04	3.30E-01	1.16E-01	4.73E-02	3.74E-06	6.10E-03	1.06E-02	1.64E-03	1.07E-03	1.89E-02	4.96E-03
2039-09-01	13	7.63E-03	3.43E+01	8.51E-02	6.18E-03	5.20E-01	1.07E+01	2.81E-02	8.40E-04	4.29E-04	5.96E-04	3.31E-01	1.17E-01	4.73E-02	3.75E-06	6.13E-03	1.07E-02	1.65E-03	1.07E-03	1.89E-02	4.97E-03
2039-10-01	13	7.63E-03	3.43E+01	8.51E-02	6.19E-03	5.20E-01	1.07E+01	2.81E-02	8.40E-04	4.29E-04	5.97E-04	3.31E-01	1.17E-01	4.73E-02	3.75E-06	6.13E-03	1.07E-02	1.65E-03	1.07E-03	1.90E-02	4.97E-03
2039-11-01	13	7.62E-03	3.43E+01	8.50E-02	6.18E-03	5.20E-01	1.07E+01	2.81E-02	8.39E-04	4.28E-04	5.96E-04	3.31E-01	1.17E-01	4.73E-02	3.75E-06	6.12E-03	1.07E-02	1.65E-03	1.07E-03	1.89E-02	4.96E-03
2039-12-01	13	7.62E-03	3.42E+01	8.50E-02	6.18E-03	5.20E-01	1.07E+01	2.81E-02	8.39E-04	4.28E-04	5.96E-04	3.31E-01	1.17E-01	4.73E-02	3.75E-06	6.12E-03	1.07E-02	1.64E-03	1.07E-03	1.89E-02	4.96E-03
2040-01-01	14	7.62E-03	3.43E+01	8.50E-02	6.18E-03	5.20E-01	1.07E+01	2.81E-02	8.39E-04	4.28E-04	5.96E-04	3.31E-01	1.17E-01	4.73E-02	3.75E-06	6.12E-03	1.07E-02	1.65E-03	1.07E-03	1.89E-02	4.96E-03
2040-02-01	14	7.68E-03	3.45E+01	8.55E-02	6.23E-03	5.22E-01	1.07E+01	2.81E-02	8.46E-04	4.31E-04	6.01E-04	3.33E-01	1.18E-01	4.73E-02	3.76E-06	6.17E-03	1.07E-02	1.66E-03	1.07E-03	1.91E-02	4.97E-03
2040-03-01	14	7.95E-03	3.57E+01	8.76E-02	6.48E-03	5.34E-01	1.11E+01	2.82E-02	8.77E-04	4.46E-04	6.24E-04	3.45E-01	1.22E-01	4.74E-02	3.85E-06	6.42E-03	1.11E-02	1.72E-03	1.11E-03	1.98E-02	4.99E-03
2040-04-01	14	8.11E-03	3.68E+01	8.99E-02	6.75E-03	5.38E-01	1.14E+01	2.84E-02	9.12E-04	4.50E-04	6.49E-04	3.49E-0									

Pond_1 30ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese mg/L	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony mg/L	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten mg/L	Yttrium mg/L	Zinc mg/L	Phosphorous mg/L
2043-12-01	17	8.52E-03	4.28E+01	1.03E-01	8.47E-03	5.20E-01	1.26E+01	2.92E-02	1.12E-03	4.28E-04	8.10E-04	3.31E-01	1.59E-01	4.79E-02	3.75E-06	8.49E-03	1.36E-02	2.00E-03	1.13E-03	2.53E-02	4.89E-03
2044-01-01	18	8.53E-03	4.28E+01	1.03E-01	8.48E-03	5.20E-01	1.26E+01	2.92E-02	1.13E-03	4.29E-04	8.11E-04	3.32E-01	1.59E-01	4.79E-02	3.75E-06	8.50E-03	1.36E-02	2.00E-03	1.13E-03	2.53E-02	4.89E-03
2044-02-01	18	8.55E-03	4.29E+01	1.04E-01	8.51E-03	5.21E-01	1.26E+01	2.92E-02	1.13E-03	4.30E-04	8.14E-04	3.33E-01	1.60E-01	4.79E-02	3.76E-06	8.53E-03	1.37E-02	2.01E-03	1.14E-03	2.54E-02	4.89E-03
2044-03-01	18	8.86E-03	4.44E+01	1.07E-01	8.83E-03	5.33E-01	1.31E+01	2.94E-02	1.17E-03	4.44E-04	8.45E-04	3.44E-01	1.66E-01	4.80E-02	3.84E-06	8.86E-03	1.41E-02	2.08E-03	1.17E-03	2.63E-02	4.91E-03
2044-04-01	18	9.04E-03	4.54E+01	1.09E-01	9.15E-03	5.37E-01	1.35E+01	2.95E-02	1.21E-03	4.49E-04	8.74E-04	3.49E-01	1.72E-01	4.81E-02	3.87E-06	9.18E-03	1.45E-02	2.14E-03	1.19E-03	2.72E-02	4.90E-03
2044-05-01	18	8.46E-03	4.28E+01	1.05E-01	8.71E-03	5.10E-01	1.28E+01	2.93E-02	1.15E-03	4.16E-04	8.32E-04	3.21E-01	1.63E-01	4.80E-02	3.67E-06	8.72E-03	1.39E-02	2.01E-03	1.12E-03	2.59E-02	4.84E-03
2044-06-01	18	8.57E-03	4.34E+01	1.06E-01	8.85E-03	5.13E-01	1.29E+01	2.94E-02	1.17E-03	4.20E-04	8.45E-04	3.25E-01	1.66E-01	4.80E-02	3.70E-06	8.87E-03	1.41E-02	2.04E-03	1.13E-03	2.63E-02	4.85E-03
2044-07-01	18	8.66E-03	4.38E+01	1.07E-01	8.94E-03	5.17E-01	1.31E+01	2.94E-02	1.18E-03	4.24E-04	8.54E-04	3.28E-01	1.68E-01	4.81E-02	3.72E-06	8.96E-03	1.42E-02	2.06E-03	1.14E-03	2.66E-02	4.85E-03
2044-08-01	18	8.71E-03	4.41E+01	1.08E-01	9.01E-03	5.19E-01	1.32E+01	2.94E-02	1.19E-03	4.27E-04	8.60E-04	3.31E-01	1.69E-01	4.81E-02	3.74E-06	9.03E-03	1.43E-02	2.08E-03	1.15E-03	2.68E-02	4.86E-03
2044-09-01	18	8.75E-03	4.43E+01	1.08E-01	9.05E-03	5.20E-01	1.32E+01	2.95E-02	1.20E-03	4.29E-04	8.63E-04	3.32E-01	1.70E-01	4.81E-02	3.75E-06	9.06E-03	1.44E-02	2.09E-03	1.15E-03	2.69E-02	4.86E-03
2044-10-01	18	8.75E-03	4.43E+01	1.08E-01	9.05E-03	5.21E-01	1.32E+01	2.95E-02	1.20E-03	4.29E-04	8.64E-04	3.32E-01	1.70E-01	4.81E-02	3.75E-06	9.07E-03	1.44E-02	2.09E-03	1.15E-03	2.69E-02	4.86E-03
2044-11-01	18	8.74E-03	4.42E+01	1.08E-01	9.04E-03	5.20E-01	1.32E+01	2.95E-02	1.19E-03	4.28E-04	8.63E-04	3.32E-01	1.69E-01	4.81E-02	3.75E-06	9.06E-03	1.44E-02	2.08E-03	1.15E-03	2.69E-02	4.86E-03
2044-12-01	18	8.74E-03	4.42E+01	1.08E-01	9.03E-03	5.20E-01	1.32E+01	2.95E-02	1.19E-03	4.28E-04	8.62E-04	3.31E-01	1.69E-01	4.81E-02	3.75E-06	9.05E-03	1.44E-02	2.08E-03	1.15E-03	2.69E-02	4.86E-03
2045-01-01	19	8.75E-03	4.43E+01	1.08E-01	9.05E-03	5.20E-01	1.32E+01	2.95E-02	1.20E-03	4.29E-04	8.63E-04	3.32E-01	1.70E-01	4.81E-02	3.75E-06	9.06E-03	1.44E-02	2.08E-03	1.15E-03	2.69E-02	4.86E-03
2045-02-01	19	8.82E-03	4.46E+01	1.09E-01	9.12E-03	5.23E-01	1.33E+01	2.95E-02	1.21E-03	4.32E-04	8.70E-04	3.34E-01	1.71E-01	4.81E-02	3.77E-06	9.14E-03	1.45E-02	2.10E-03	1.16E-03	2.71E-02	4.86E-03
2045-03-01	19	9.08E-03	4.59E+01	1.11E-01	9.41E-03	5.33E-01	1.38E+01	2.96E-02	1.24E-03	4.44E-04	8.98E-04	3.44E-01	1.76E-01	4.82E-02	3.84E-06	9.43E-03	1.49E-02	2.17E-03	1.19E-03	2.79E-02	4.88E-03
2045-04-01	19	9.32E-03	4.71E+01	1.14E-01	9.78E-03	5.39E-01	1.43E+01	2.98E-02	1.29E-03	4.52E-04	9.31E-04	3.51E-01	1.83E-01	4.83E-02	3.89E-06	9.80E-03	1.53E-02	2.24E-03	1.20E-03	2.89E-02	4.88E-03
2045-05-01	19	8.67E-03	4.40E+01	1.10E-01	9.23E-03	5.10E-01	1.34E+01	2.95E-02	1.22E-03	4.16E-04	8.78E-04	3.22E-01	1.73E-01	4.82E-02	3.68E-06	9.24E-03	1.46E-02	2.09E-03	1.13E-03	2.74E-02	4.82E-03
2045-06-01	19	8.78E-03	4.46E+01	1.11E-01	9.36E-03	5.14E-01	1.36E+01	2.96E-02	1.23E-03	4.21E-04	8.91E-04	3.25E-01	1.75E-01	4.82E-02	3.70E-06	9.37E-03	1.48E-02	2.12E-03	1.14E-03	2.77E-02	4.82E-03
2045-07-01	19	8.87E-03	4.50E+01	1.12E-01	9.47E-03	5.17E-01	1.37E+01	2.96E-02	1.25E-03	4.25E-04	9.01E-04	3.29E-01	1.77E-01	4.82E-02	3.73E-06	9.47E-03	1.49E-02	2.14E-03	1.15E-03	2.80E-02	4.83E-03
2045-08-01	19	8.92E-03	4.53E+01	1.12E-01	9.53E-03	5.19E-01	1.38E+01	2.96E-02	1.25E-03	4.27E-04	9.07E-04	3.31E-01	1.78E-01	4.82E-02	3.74E-06	9.54E-03	1.50E-02	2.15E-03	1.16E-03	2.82E-02	4.83E-03
2045-09-01	19	8.96E-03	4.54E+01	1.12E-01	9.57E-03	5.21E-01	1.39E+01	2.97E-02	1.26E-03	4.29E-04	9.10E-04	3.32E-01	1.79E-01	4.82E-02	3.75E-06	9.58E-03	1.51E-02	2.16E-03	1.16E-03	2.83E-02	4.83E-03
2045-10-01	19	8.96E-03	4.54E+01	1.12E-01	9.57E-03	5.21E-01	1.39E+01	2.97E-02	1.26E-03	4.29E-04	9.10E-04	3.32E-01	1.79E-01	4.82E-02	3.75E-06	9.58E-03	1.51E-02	2.16E-03	1.16E-03	2.83E-02	4.83E-03
2045-11-01	19	8.95E-03	4.54E+01	1.12E-01	9.56E-03	5.20E-01	1.39E+01	2.97E-02	1.26E-03	4.29E-04	9.09E-04	3.32E-01	1.79E-01	4.82E-02	3.75E-06	9.57E-03	1.51E-02	2.16E-03	1.16E-03	2.83E-02	4.83E-03
2045-12-01	19	8.95E-03	4.54E+01	1.12E-01	9.55E-03	5.20E-01	1.39E+01	2.97E-02	1.26E-03	4.28E-04	9.09E-04	3.32E-01	1.79E-01	4.82E-02	3.75E-06	9.56E-03	1.50E-02	2.16E-03	1.16E-03	2.83E-02	4.83E-03
2046-01-01	20	8.95E-03	4.54E+01	1.12E-01	9.56E-03	5.20E-01	1.39E+01	2.97E-02	1.26E-03	4.29E-04	9.10E-04	3.32E-01	1.79E-01	4.82E-02	3.75E-06	9.57E-03	1.51E-02	2.16E-03	1.16E-03	2.83E-02	4.83E-03
2046-02-01	20	9.03E-03	4.58E+01	1.13E-01	9.65E-03	5.23E-01	1.40E+01	2.97E-02	1.27E-03	4.32E-04	9.18E-04	3.35E-0									

Pond_1 30ppmTSS																					
Date	Mine Year	Lithium mg/L	Magnesium mg/L	Manganese	Molybdenum mg/L	Silicon mg/L	Sodium mg/L	Nickel mg/L	Lead mg/L	Antimony	Selenium mg/L	Tin mg/L	Strontium mg/L	Titanium mg/L	Thallium mg/L	Uranium mg/L	Vanadium mg/L	Tungsten	Yttrium mg/L	Zinc	Phosphorous mg/L
2049-10-01	23	1.01E-02	5.49E+01	1.35E-01	1.24E-02	5.21E-01	1.64E+01	3.08E-02	1.60E-03	4.29E-04	1.17E-03	3.33E-01	2.32E-01	4.90E-02	3.75E-06	1.24E-02	1.88E-02	2.59E-03	1.23E-03	3.59E-02	4.77E-03
2049-11-01	23	1.01E-02	5.48E+01	1.35E-01	1.24E-02	5.20E-01	1.64E+01	3.08E-02	1.60E-03	4.28E-04	1.17E-03	3.32E-01	2.32E-01	4.90E-02	3.75E-06	1.23E-02	1.87E-02	2.59E-03	1.23E-03	3.58E-02	4.77E-03
2049-12-01	23	1.01E-02	5.48E+01	1.35E-01	1.24E-02	5.20E-01	1.64E+01	3.08E-02	1.60E-03	4.28E-04	1.17E-03	3.32E-01	2.31E-01	4.90E-02	3.75E-06	1.23E-02	1.87E-02	2.59E-03	1.23E-03	3.58E-02	4.77E-03
2050-01-01	24	1.01E-02	5.49E+01	1.35E-01	1.24E-02	5.20E-01	1.64E+01	3.08E-02	1.60E-03	4.29E-04	1.17E-03	3.32E-01	2.32E-01	4.90E-02	3.75E-06	1.23E-02	1.88E-02	2.59E-03	1.23E-03	3.58E-02	4.77E-03
2050-02-01	24	1.02E-02	5.53E+01	1.36E-01	1.25E-02	5.23E-01	1.66E+01	3.08E-02	1.61E-03	4.32E-04	1.18E-03	3.35E-01	2.34E-01	4.91E-02	3.77E-06	1.25E-02	1.89E-02	2.61E-03	1.24E-03	3.61E-02	4.77E-03
2050-03-01	24	1.05E-02	5.70E+01	1.39E-01	1.29E-02	5.33E-01	1.71E+01	3.10E-02	1.66E-03	4.44E-04	1.22E-03	3.45E-01	2.41E-01	4.92E-02	3.84E-06	1.29E-02	1.94E-02	2.69E-03	1.28E-03	3.73E-02	4.79E-03
2050-04-01	24	1.08E-02	5.88E+01	1.43E-01	1.34E-02	5.39E-01	1.76E+01	3.12E-02	1.73E-03	4.51E-04	1.27E-03	3.51E-01	2.51E-01	4.93E-02	3.89E-06	1.34E-02	2.01E-02	2.78E-03	1.30E-03	3.86E-02	4.79E-03
2050-05-01	24	1.00E-02	5.55E+01	1.37E-01	1.27E-02	5.10E-01	1.65E+01	3.09E-02	1.63E-03	4.16E-04	1.20E-03	3.22E-01	2.37E-01	4.91E-02	3.67E-06	1.26E-02	1.91E-02	2.61E-03	1.22E-03	3.65E-02	4.75E-03
2050-06-01	24	1.02E-02	5.62E+01	1.39E-01	1.28E-02	5.14E-01	1.68E+01	3.10E-02	1.66E-03	4.20E-04	1.22E-03	3.26E-01	2.40E-01	4.91E-02	3.70E-06	1.28E-02	1.94E-02	2.65E-03	1.23E-03	3.71E-02	4.75E-03
2050-07-01	24	1.03E-02	5.68E+01	1.40E-01	1.30E-02	5.17E-01	1.69E+01	3.10E-02	1.67E-03	4.25E-04	1.23E-03	3.29E-01	2.43E-01	4.92E-02	3.72E-06	1.29E-02	1.96E-02	2.67E-03	1.24E-03	3.75E-02	4.75E-03
2050-08-01	24	1.04E-02	5.72E+01	1.40E-01	1.31E-02	5.19E-01	1.71E+01	3.11E-02	1.68E-03	4.27E-04	1.24E-03	3.31E-01	2.45E-01	4.92E-02	3.74E-06	1.30E-02	1.97E-02	2.69E-03	1.25E-03	3.77E-02	4.76E-03
2050-09-01	24	1.04E-02	5.74E+01	1.41E-01	1.31E-02	5.21E-01	1.71E+01	3.11E-02	1.69E-03	4.29E-04	1.24E-03	3.33E-01	2.46E-01	4.92E-02	3.75E-06	1.31E-02	1.97E-02	2.70E-03	1.26E-03	3.79E-02	4.76E-03
2050-10-01	24	1.04E-02	5.74E+01	1.41E-01	1.31E-02	5.21E-01	1.71E+01	3.11E-02	1.69E-03	4.29E-04	1.24E-03	3.33E-01	2.46E-01	4.92E-02	3.75E-06	1.31E-02	1.97E-02	2.70E-03	1.26E-03	3.79E-02	4.76E-03
2050-11-01	24	1.04E-02	5.73E+01	1.41E-01	1.31E-02	5.20E-01	1.71E+01	3.11E-02	1.69E-03	4.29E-04	1.24E-03	3.32E-01	2.46E-01	4.92E-02	3.75E-06	1.31E-02	1.97E-02	2.70E-03	1.25E-03	3.78E-02	4.76E-03
2050-12-01	24	1.04E-02	5.73E+01	1.41E-01	1.31E-02	5.20E-01	1.71E+01	3.11E-02	1.69E-03	4.28E-04	1.24E-03	3.32E-01	2.45E-01	4.92E-02	3.75E-06	1.31E-02	1.97E-02	2.70E-03	1.25E-03	3.78E-02	4.76E-03
2051-01-01	25	1.04E-02	5.74E+01	1.41E-01	1.31E-02	5.20E-01	1.71E+01	3.11E-02	1.69E-03	4.29E-04	1.24E-03	3.33E-01	2.46E-01	4.92E-02	3.75E-06	1.31E-02	1.97E-02	2.70E-03	1.25E-03	3.79E-02	4.76E-03
2051-02-01	25	1.05E-02	5.78E+01	1.42E-01	1.32E-02	5.23E-01	1.73E+01	3.11E-02	1.70E-03	4.32E-04	1.25E-03	3.35E-01	2.48E-01	4.93E-02	3.77E-06	1.32E-02	1.99E-02	2.73E-03	1.26E-03	3.82E-02	4.76E-03
2051-03-01	25	1.08E-02	5.96E+01	1.45E-01	1.37E-02	5.33E-01	1.78E+01	3.13E-02	1.76E-03	4.44E-04	1.29E-03	3.45E-01	2.56E-01	4.94E-02	3.84E-06	1.36E-02	2.04E-02	2.81E-03	1.30E-03	3.93E-02	4.77E-03
2051-04-01	25	1.11E-02	6.16E+01	1.50E-01	1.42E-02	5.39E-01	1.84E+01	3.16E-02	1.82E-03	4.52E-04	1.34E-03	3.52E-01	2.65E-01	4.95E-02	3.89E-06	1.41E-02	2.11E-02	2.90E-03	1.32E-03	4.08E-02	4.78E-03
2051-05-01	25	1.04E-02	5.80E+01	1.43E-01	1.34E-02	5.10E-01	1.72E+01	3.12E-02	1.72E-03	4.16E-04	1.27E-03	3.23E-01	2.50E-01	4.93E-02	3.67E-06	1.33E-02	2.01E-02	2.72E-03	1.24E-03	3.86E-02	4.74E-03
2051-06-01	25	1.05E-02	5.88E+01	1.44E-01	1.36E-02	5.14E-01	1.74E+01	3.13E-02	1.75E-03	4.21E-04	1.29E-03	3.26E-01	2.54E-01	4.94E-02	3.70E-06	1.35E-02	2.03E-02	2.76E-03	1.25E-03	3.91E-02	4.74E-03
2051-07-01	25	1.06E-02	5.94E+01	1.46E-01	1.37E-02	5.17E-01	1.76E+01	3.14E-02	1.77E-03	4.25E-04	1.30E-03	3.30E-01	2.57E-01	4.94E-02	3.73E-06	1.37E-02	2.05E-02	2.79E-03	1.26E-03	3.95E-02	4.74E-03
2051-08-01	25	1.07E-02	5.98E+01	1.46E-01	1.38E-02	5.19E-01	1.77E+01	3.14E-02	1.78E-03	4.27E-04	1.31E-03	3.32E-01	2.58E-01	4.94E-02	3.74E-06	1.38E-02	2.06E-02	2.81E-03	1.27E-03	3.98E-02	4.75E-03
2051-09-01	25	1.07E-02	6.00E+01	1.47E-01	1.39E-02	5.21E-01	1.78E+01	3.14E-02	1.78E-03	4.29E-04	1.31E-03	3.33E-01	2.59E-01	4.94E-02	3.75E-06	1.38E-02	2.07E-02	2.82E-03	1.28E-03	3.99E-02	4.75E-03
2051-10-01	25	1.07E-02	6.00E+01	1.47E-01	1.39E-02	5.21E-01	1.78E+01	3.14E-02	1.78E-03	4.29E-04	1.31E-03	3.33E-01	2.59E-01	4.94E-02	3.75E-06	1.38E-02	2.07E-02	2.81E-03	1.27E-03	3.99E-02	4.75E-03
2051-11-01	25	1.07E-02	6.00E+01	1.47E-01	1.39E-02	5.20E-01	1.77E+01	3.14E-02	1.78E-03	4.29E-04	1.31E-03	3.33E-01	2.59E-01	4.94E-02	3.75E-06	1.38E-02	2.07E-02	2.81E-03	1.27E-03	3.99E-02	4.75E-03
2051-12-01	25	1.07E-02	5.99E+01	1.47E-01	1.39E-02	5.20E-01	1.77E+01	3.14E-02	1.78E-03	4.28E-04	1.31E-03	3.32E-01	2.59E-01								

Pond 1 30ppmTSS																					
Date	Mine Year	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
2055-08-01	29	1.11E-02	6.42E+01	1.56E-01	1.49E-02	5.20E-01	1.86E+01	3.21E-02	1.93E-03	4.28E-04	1.42E-03	3.32E-01	2.79E-01	4.97E-02	3.74E-06	1.50E-02	2.21E-02	2.98E-03	1.31E-03	4.32E-02	4.73E-03
2055-09-01	29	1.11E-02	6.44E+01	1.56E-01	1.50E-02	5.21E-01	1.87E+01	3.21E-02	1.94E-03	4.29E-04	1.42E-03	3.33E-01	2.80E-01	4.98E-02	3.75E-06	1.50E-02	2.22E-02	2.99E-03	1.31E-03	4.33E-02	4.73E-03
2055-10-01	29	1.11E-02	6.45E+01	1.56E-01	1.50E-02	5.21E-01	1.87E+01	3.21E-02	1.94E-03	4.29E-04	1.42E-03	3.33E-01	2.80E-01	4.98E-02	3.75E-06	1.50E-02	2.22E-02	2.99E-03	1.31E-03	4.33E-02	4.73E-03
2055-11-01	29	1.11E-02	6.44E+01	1.56E-01	1.49E-02	5.20E-01	1.87E+01	3.21E-02	1.94E-03	4.29E-04	1.42E-03	3.33E-01	2.79E-01	4.98E-02	3.75E-06	1.50E-02	2.21E-02	2.99E-03	1.31E-03	4.33E-02	4.73E-03
2055-12-01	29	1.11E-02	6.43E+01	1.56E-01	1.49E-02	5.20E-01	1.86E+01	3.21E-02	1.93E-03	4.28E-04	1.42E-03	3.33E-01	2.79E-01	4.98E-02	3.75E-06	1.50E-02	2.21E-02	2.98E-03	1.31E-03	4.33E-02	4.73E-03
2056-01-01	30	1.11E-02	6.44E+01	1.56E-01	1.49E-02	5.20E-01	1.86E+01	3.21E-02	1.94E-03	4.29E-04	1.42E-03	3.33E-01	2.79E-01	4.98E-02	3.75E-06	1.50E-02	2.21E-02	2.99E-03	1.31E-03	4.33E-02	4.73E-03
2056-02-01	30	1.12E-02	6.48E+01	1.57E-01	1.51E-02	5.23E-01	1.88E+01	3.22E-02	1.95E-03	4.32E-04	1.43E-03	3.35E-01	2.81E-01	4.98E-02	3.77E-06	1.51E-02	2.23E-02	3.01E-03	1.32E-03	4.36E-02	4.73E-03
2056-03-01	30	1.16E-02	6.72E+01	1.62E-01	1.56E-02	5.36E-01	1.95E+01	3.24E-02	2.02E-03	4.47E-04	1.49E-03	3.48E-01	2.92E-01	4.99E-02	3.86E-06	1.57E-02	2.30E-02	3.12E-03	1.36E-03	4.52E-02	4.75E-03

Temp Pond WQ 10ppmTSS																									
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	otal Ammoni mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L
Pond 1 Statistics (Year 1 to Year 30)																									
Minimum		4.36	2.2	0.128	0.000275	0.0444	0.000276	0.0275	0.0000839	0.00000075	0.6855	0.0000075	0.0000552	0.001515	0.00000348	0.000279	1.8855E-06	0.6615	9.705E-07	0.0010935	0.013035	0.0010875	0.8655	0.0522	0.000130155
P10		4.407	2.22	0.13	0.0002787	0.0449	0.0002787	0.02787	0.0005534	0.000005348	0.7075	7.7298E-06	0.000747	0.004845	0.000006698	0.0007848	6.5235E-06	29.3615	2.2905E-06	0.0011093	0.01312158	0.0013045	0.8674	4.7702	0.000256155
Median		4.51	2.24	0.133	0.000285	0.046	0.000285	0.0285	0.000568	0.00000548	0.708	0.000007737	0.0007672	0.004925	0.00000679	0.000797	6.6355E-06	30.2615	2.3205E-06	0.0011097	0.0131237	0.0013095	0.86745	4.9122	0.000259155
P90		4.54	3.166	0.134	0.0002873	0.04633	0.0002873	0.0287	0.0005713	0.00000551	0.7082	0.000007738	0.0007722	0.004955	0.000006812	0.0008012	6.6655E-06	30.3815	2.3305E-06	0.0011098	0.01312434	0.0013115	0.867462	4.9422	0.000260155
Maximum		14.4	13	0.184	0.0199	1.23	0.645	0.0394	0.000576	0.00000555	0.7166	0.00000774	0.0007772	0.024615	0.00000684	0.029079	1.46855E-05	30.6615	1.31705E-05	0.0011891	0.013663	0.0017155	1.4905	4.9722	0.016730155
Monthly Results																									
2027-01-01	1	14.4	13	0.184	0.0199	1.23	0.645	0.0394	8.39E-05	4.47E-06	7.17E-01	7.53E-06	3.62E-04	2.46E-02	3.97E-06	2.91E-02	1.47E-05	2.25E+01	1.32E-05	1.19E-03	1.37E-02	1.72E-03	1.49E+00	1.56E+00	1.67E-02
2027-02-01	1	9.76	8.45	0.159	0.0108	0.68	0.347	0.034	0.000302	4.89E-06	7.12E-01	7.63E-06	5.42E-04	1.55E-02	5.24E-06	1.60E-02	1.09E-05	2.58E+01	8.11E-06	1.15E-03	1.34E-02	1.53E-03	1.20E+00	3.06E+00	9.11E-03
2027-03-01	1	6.41	5.12	0.141	0.00419	0.28	0.129	0.0302	0.000464	5.22E-06	7.09E-01	7.69E-06	6.78E-04	8.80E-03	6.19E-06	6.42E-03	8.16E-06	2.83E+01	4.45E-06	1.13E-03	1.32E-02	1.39E-03	9.92E-01	4.18E+00	3.53E-03
2027-04-01	1	4.46	3.2	0.13	0.000384	0.0512	0.00374	0.0279	0.000554	5.38E-06	7.08E-01	7.73E-06	7.51E-04	4.96E-03	6.71E-06	9.37E-04	6.57E-06	2.96E+01	2.35E-06	1.11E-03	1.31E-02	1.31E-03	8.71E-01	4.79E+00	3.44E-04
2027-05-01	1	4.36	3.11	0.128	0.000275	0.0444	0.000276	0.0275	0.000551	5.34E-06	7.07E-01	7.73E-06	7.46E-04	4.82E-03	6.69E-06	7.80E-04	6.48E-06	2.94E+01	2.27E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.76E+00	2.54E-04
2027-06-01	1	4.37	3.12	0.129	0.000276	0.0445	0.000276	0.0276	0.000552	5.35E-06	7.07E-01	7.73E-06	7.47E-04	4.83E-03	6.70E-06	7.81E-04	6.49E-06	2.94E+01	2.28E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.77E+00	2.55E-04
2027-07-01	1	4.4	3.14	0.13	0.000278	0.0448	0.000278	0.0278	0.000556	5.38E-06	7.08E-01	7.73E-06	7.52E-04	4.85E-03	6.72E-06	7.84E-04	6.52E-06	2.96E+01	2.29E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.81E+00	2.56E-04
2027-08-01	1	4.43	3.16	0.13	0.00028	0.0451	0.00028	0.028	0.000559	5.41E-06	7.08E-01	7.73E-06	7.56E-04	4.87E-03	6.74E-06	7.87E-04	6.55E-06	2.98E+01	2.29E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.83E+00	2.56E-04
2027-09-01	1	4.46	3.18	0.131	0.000281	0.0454	0.000281	0.0281	0.000563	5.44E-06	7.08E-01	7.73E-06	7.61E-04	4.89E-03	6.76E-06	7.91E-04	6.58E-06	3.00E+01	2.30E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.86E+00	2.57E-04
2027-10-01	1	4.41	3.15	0.13	0.000279	0.045	0.000279	0.0279	0.000557	5.40E-06	7.08E-01	7.73E-06	7.54E-04	4.86E-03	6.73E-06	7.86E-04	6.54E-06	2.97E+01	2.29E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.82E+00	2.56E-04
2027-11-01	1	4.4	3.14	0.13	0.000278	0.0449	0.000278	0.0278	0.000556	5.39E-06	7.08E-01	7.73E-06	7.53E-04	4.85E-03	6.73E-06	7.85E-04	6.53E-06	2.97E+01	2.29E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.81E+00	2.56E-04
2027-12-01	1	4.4	3.13	0.129	0.000278	0.0448	0.000278	0.0278	0.000555	5.38E-06	7.07E-01	7.73E-06	7.51E-04	4.85E-03	6.72E-06	7.84E-04	6.52E-06	2.96E+01	2.28E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.80E+00	2.55E-04
2028-01-01	2	4.41	3.15	0.13	0.000279	0.0449	0.000279	0.0279	0.000557	5.39E-06	7.08E-01	7.73E-06	7.54E-04	4.86E-03	6.73E-06	7.86E-04	6.53E-06	2.97E+01	2.29E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.82E+00	2.56E-04
2028-02-01	2	4.45	2.64	0.131	0.000281	0.0453	0.000281	0.0281	0.000562	5.43E-06	7.08E-01	7.73E-06	7.60E-04	4.89E-03	6.76E-06	7.90E-04	6.57E-06	3.00E+01	2.30E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.86E+00	2.57E-04
2028-03-01	2	4.49	2.35	0.132	0.000284	0.0457	0.000284	0.0284	0.000567	5.48E-06	7.08E-01	7.74E-06	7.66E-04	4.92E-03	6.79E-06	7.95E-04	6.62E-06	3.02E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.90E+00	2.58E-04
2028-04-01	2	4.48	2.22	0.132	0.000283	0.0457	0.000283	0.0283	0.000566	5.47E-06	7.08E-01	7.74E-06	7.65E-04	4.91E-03	6.78E-06	7.94E-04	6.61E-06	3.02E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.90E+00	2.58E-04
2028-05-01	2	4.45	2.2	0.131	0.000281	0.0453	0.000281	0.0281	0.000561	5.43E-06	7.08E-01	7.73E-06	7.59E-04	4.88E-03	6.76E-06	7.89E-04	6.57E-06	2.99E+01	2.30E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.85E+00	2.57E-04
2028-06-01	2	4.45	2.2	0.131	0.000281	0.0454	0.000281	0.0281	0.000562	5.44E-06	7.08E-01	7.73E-06	7.60E-04	4.89E-03	6.76E-06	7.90E-04	6.58E-06	3.00E+01	2.30E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.86E+00	2.57E-04
2028-07-01	2	4.48	2.22	0.132	0.000283	0.0456	0.000283	0.0283	0.000565	5.46E-06	7.08E-01	7.74E-06	7.64E-04	4.91E-03	6.78E-06	7.93E-04	6.60E-06	3.01E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.89E+00	2.58E-04
2028-08-01	2	4.49	2.23	0.132	0.000284	0.0458	0.000284	0.0284	0.000568	5.48E-06	7.08E-01	7.74E-06	7.67E-04	4.92E-03	6.79E-06	7.95E-04	6.62E-06	3.03E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.91E+00	2.58E-04
2028-09-01	2	4.52	2.24	0.133	0.000285	0.046	0.000285	0.0285	0.000571	5.50E-06	7.08E-01	7.74E-06	7.71E-04	4.94E-03	6.81E-06	7.98E-04	6.64E-06	3.04E+01	2.32E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.93E+00	2.59E-04
2028-10-01	2	4.48	2.22	0.132	0.000283	0.0457	0.000283	0.0283	0.000566	5.47E-06	7.08E-01	7.74E-06	7.65E-04	4.91E-03	6.78E-06	7.94E-04	6.61E-06	3.02E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.89E+00	2.58E-04
2028-11-01	2	4.47	2.21	0.132	0.000282	0.0456	0.000282	0.0282	0.000565	5.46E-06	7.08E-01	7.74E-06	7.64E-04	4.90E-03	6.78E-06	7.93E-04	6.60E-06	3.01E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.88E+00	2.58E-04
2028-12-01	2	4.46	2.21	0.131	0.000282	0.0455	0.000282	0.0282	0.000564	5.45E-06	7.08E-01	7.74E-06	7.62E-04	4.90E-03	6.77E-06	7.92E-04	6.59E-06	3.01E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.87E+00	2.57E-04
2029-01-01	3	4.48	2.22	0.132	0.000283	0.0456	0.000283	0.0283	0.000565	5.46E-06	7.08E-01	7.74E-06	7.64E-04	4.91E-03</											

Temp Pond WQ 10ppmTSS																			
Date	Mine Year	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Pond 1 Statistics (Year 1 to Year 30)																			
Minimum		1.707	0.01515	0.00000765	0.10245	0.01275	0.00002145	0.0000123	0.000007755	0.00009195	0.0013185	0.0228	6.555E-07	0.000002265	0.0012555	0.000003735	0.00009735	0.00078	0.002175
P10		7.947	0.01791	0.00032165	7.11045	0.01284328	0.00006045	0.0004261	0.000036955	0.00014373	0.0072265	0.02289526	2.9535E-06	0.000282065	0.0017033	0.000049415	0.00010602	0.001644	0.0029308
Median		8.097	0.01797	0.00032965	7.28245	0.0128455	0.00006135	0.0004383	0.000037655	0.00014495	0.0073685	0.022898	3.0255E-06	0.000290265	0.0017165	0.000050535	0.00010623	0.001665	0.002949
P90		8.139	0.017992	0.00033165	7.32445	0.01284626	0.00006165	0.0004413	0.000037855	0.00014529	0.0074125	0.0228987	3.0355E-06	0.000292265	0.0017195	0.000050855	0.000106296	0.001671	0.0029554
Maximum		27.907	0.05115	0.00088865	9.31245	0.01394	0.00016145	0.0004443	0.000062755	0.99409195	0.1323185	0.0228994	3.0555E-06	0.000294265	0.0017225	0.002133735	0.00222735	0.00382	0.040075
Monthly Results																			
2027-01-01	1	2.79E+01	5.12E-02	8.89E-04	9.31E+00	1.39E-02	1.61E-04	1.28E-04	6.28E-05	9.94E-01	1.32E-01	2.28E-02	1.90E-06	3.27E-05	1.59E-03	2.13E-03	2.23E-03	3.82E-03	4.01E-02
2027-02-01	1	1.86E+01	3.58E-02	6.27E-04	8.28E+00	1.34E-02	1.14E-04	2.67E-04	5.08E-05	5.34E-01	7.44E-02	2.29E-02	2.40E-06	1.49E-04	1.64E-03	1.17E-03	1.25E-03	2.81E-03	2.29E-02
2027-03-01	1	1.19E+01	2.45E-02	4.36E-04	7.57E+00	1.31E-02	8.07E-05	3.71E-04	4.22E-05	1.98E-01	3.21E-02	2.29E-02	2.77E-06	2.35E-04	1.68E-03	4.65E-04	5.28E-04	2.08E-03	1.03E-02
2027-04-01	1	8.06E+00	1.81E-02	3.26E-04	7.12E+00	1.28E-02	6.11E-05	4.28E-04	3.71E-05	5.48E-03	7.90E-03	2.29E-02	2.97E-06	2.83E-04	1.71E-03	6.06E-05	1.17E-04	1.66E-03	3.13E-03
2027-05-01	1	7.89E+00	1.79E-02	3.19E-04	7.03E+00	1.28E-02	6.01E-05	4.25E-04	3.67E-05	1.44E-04	7.17E-03	2.29E-02	2.95E-06	2.81E-04	1.70E-03	4.89E-05	1.06E-04	1.64E-03	2.92E-03
2027-06-01	1	7.90E+00	1.79E-02	3.20E-04	7.05E+00	1.28E-02	6.02E-05	4.26E-04	3.68E-05	1.43E-04	7.18E-03	2.29E-02	2.96E-06	2.82E-04	1.70E-03	4.90E-05	1.06E-04	1.64E-03	2.93E-03
2027-07-01	1	7.95E+00	1.79E-02	3.22E-04	7.10E+00	1.28E-02	6.05E-05	4.29E-04	3.70E-05	1.44E-04	7.22E-03	2.29E-02	2.98E-06	2.84E-04	1.71E-03	4.93E-05	1.06E-04	1.64E-03	2.93E-03
2027-08-01	1	7.98E+00	1.79E-02	3.24E-04	7.14E+00	1.28E-02	6.07E-05	4.31E-04	3.71E-05	1.44E-04	7.26E-03	2.29E-02	2.99E-06	2.86E-04	1.71E-03	4.96E-05	1.06E-04	1.65E-03	2.94E-03
2027-09-01	1	8.03E+00	1.79E-02	3.26E-04	7.19E+00	1.28E-02	6.10E-05	4.34E-04	3.73E-05	1.44E-04	7.30E-03	2.29E-02	3.00E-06	2.88E-04	1.71E-03	4.99E-05	1.06E-04	1.65E-03	2.94E-03
2027-10-01	1	7.97E+00	1.79E-02	3.23E-04	7.12E+00	1.28E-02	6.06E-05	4.30E-04	3.70E-05	1.44E-04	7.24E-03	2.29E-02	2.98E-06	2.85E-04	1.71E-03	4.94E-05	1.06E-04	1.65E-03	2.93E-03
2027-11-01	1	7.95E+00	1.79E-02	3.22E-04	7.11E+00	1.28E-02	6.05E-05	4.29E-04	3.70E-05	1.44E-04	7.23E-03	2.29E-02	2.98E-06	2.84E-04	1.71E-03	4.94E-05	1.06E-04	1.64E-03	2.93E-03
2027-12-01	1	7.94E+00	1.79E-02	3.22E-04	7.09E+00	1.28E-02	6.04E-05	4.28E-04	3.69E-05	1.44E-04	7.22E-03	2.29E-02	2.97E-06	2.84E-04	1.71E-03	4.93E-05	1.06E-04	1.64E-03	2.93E-03
2028-01-01	2	7.96E+00	1.79E-02	3.23E-04	7.12E+00	1.28E-02	6.06E-05	4.30E-04	3.70E-05	1.44E-04	7.24E-03	2.29E-02	2.98E-06	2.85E-04	1.71E-03	4.94E-05	1.06E-04	1.65E-03	2.93E-03
2028-02-01	2	8.02E+00	1.79E-02	3.26E-04	7.18E+00	1.28E-02	6.09E-05	4.33E-04	3.73E-05	1.44E-04	7.29E-03	2.29E-02	3.00E-06	2.87E-04	1.71E-03	4.98E-05	1.06E-04	1.65E-03	2.94E-03
2028-03-01	2	8.07E+00	1.80E-02	3.29E-04	7.24E+00	1.28E-02	6.13E-05	4.37E-04	3.75E-05	1.45E-04	7.34E-03	2.29E-02	3.02E-06	2.90E-04	1.72E-03	5.02E-05	1.06E-04	1.66E-03	2.95E-03
2028-04-01	2	8.07E+00	1.80E-02	3.28E-04	7.23E+00	1.28E-02	6.12E-05	4.37E-04	3.75E-05	1.45E-04	7.34E-03	2.29E-02	3.02E-06	2.89E-04	1.72E-03	5.02E-05	1.06E-04	1.66E-03	2.95E-03
2028-05-01	2	8.01E+00	1.79E-02	3.25E-04	7.17E+00	1.28E-02	6.09E-05	4.33E-04	3.72E-05	1.44E-04	7.28E-03	2.29E-02	3.00E-06	2.87E-04	1.71E-03	4.98E-05	1.06E-04	1.65E-03	2.94E-03
2028-06-01	2	8.02E+00	1.79E-02	3.26E-04	7.18E+00	1.28E-02	6.09E-05	4.34E-04	3.73E-05	1.44E-04	7.29E-03	2.29E-02	3.00E-06	2.87E-04	1.71E-03	4.99E-05	1.06E-04	1.65E-03	2.94E-03
2028-07-01	2	8.05E+00	1.80E-02	3.28E-04	7.22E+00	1.28E-02	6.11E-05	4.36E-04	3.75E-05	1.44E-04	7.32E-03	2.29E-02	3.02E-06	2.89E-04	1.71E-03	5.01E-05	1.06E-04	1.66E-03	2.94E-03
2028-08-01	2	8.08E+00	1.80E-02	3.29E-04	7.25E+00	1.28E-02	6.13E-05	4.38E-04	3.76E-05	1.45E-04	7.35E-03	2.29E-02	3.03E-06	2.90E-04	1.72E-03	5.03E-05	1.06E-04	1.66E-03	2.95E-03
2028-09-01	2	8.11E+00	1.80E-02	3.30E-04	7.29E+00	1.28E-02	6.15E-05	4.40E-04	3.77E-05	1.45E-04	7.38E-03	2.29E-02	3.04E-06	2.91E-04	1.72E-03	5.05E-05	1.06E-04	1.67E-03	2.95E-03
2028-10-01	2	8.06E+00	1.80E-02	3.28E-04	7.23E+00	1.28E-02	6.12E-05	4.37E-04	3.75E-05	1.45E-04	7.33E-03	2.29E-02	3.02E-06	2.89E-04	1.72E-03	5.02E-05	1.06E-04	1.66E-03	2.94E-03
2028-11-01	2	8.05E+00	1.80E-02	3.27E-04	7.21E+00	1.28E-02	6.11E-05	4.36E-04	3.74E-05	1.44E-04	7.32E-03	2.29E-02	3.01E-06	2.89E-04	1.71E-03	5.01E-05	1.06E-04	1.66E-03	2.94E-03
2028-12-01	2	8.04E+00	1.80E-02	3.27E-04	7.20E+00	1.28E-02	6.10E-05	4.35E-04	3.74E-05	1.44E-04	7.31E-03	2.29E-02	3.01E-06	2.88E-04	1.71E-03	5.00E-05	1.06E-04	1.66E-03	2.94E-03
2029-01-01	3	8.06E+00	1.80E-02	3.28E-04	7.22E+00	1.28E-02	6.11E-05	4.36E-04	3.75E-05	1.45E-04	7.33E-03	2.29E-02	3.02E-06	2.89E-04	1.71E-03	5.01E-05	1.06E-04	1.66E-03	2.94E-03
2029-02-01	3	8.10E+00	1.80E-02	3.30E-04	7.28E+00	1.28E-02	6.14E-05	4.39E-04	3.77E-05	1.45E-04	7.37E-03	2.29E-02	3.03E-06	2.91E-04	1.72E-03	5.05E-05	1.06E-04	1.67E-03	2.95E-03
2029-03-01	3	8.15E+00	1.80E-02	3.32E-04	7.33E+00	1.28E-02	6.17E-05	4.42E-04	3.79E-05	1.45E-04	7.41E-03	2.29E-02	3.05E-06	2.93E-04	1.72E-03	5.08E-05	1.06E-04	1.67E-03	2.96E-03
2029-04-01	3	8.14E+00	1.80E-02	3.32E-04	7.31E+00	1.28E-02	6.16E-05	4.41E-04	3.78E-05	1.45E-04	7.40E-03	2.29E-02	3.05E-06	2.92E-04	1.72E-03	5.07E-05	1.06E-04	1.67E-03	2.95E-03
2029-05-01	3	8.09E+00	1.80E-02	3.29E-04	7.26E+00	1.28E-02	6.14E-05	4.38E-04	3.76E-05	1.45E-04	7.36E-03	2.29E-02	3.03E-06	2.90E-04	1.72E-03	5.03E-05	1.06E-04	1.66E-03	2.95E-03
2029-06-01	3	8.10E+00	1.80E-02	3.30E-04	7.27E+00	1.28E-02	6.14E-05	4.39E-04	3.76E-05	1.45E-04	7.36E-03	2.29E-02	3.03E-06	2.91E-04	1.72E-03	5.04E-05	1.06E-04	1.66E-03	2.95E-03
2029-07-01	3	8.12E+00	1.80E-02	3.31E-04	7.30E+00	1.28E-02	6.16E-05	4.41E-04	3.78E-05	1.45E-04	7.39E-03	2.29E-02	3.04E-06	2.92E-04	1.72E-03	5.06E-05	1.06E-04	1.67E-03	2.95E-03
2029-08-01	3	8.14E+00	1.80E-02	3.32E-04	7.32E+00	1.28E-02	6.17E-05	4.42E-04	3.79E-05	1.45E-04	7.41E-03	2.29E-02	3.05E-06	2.93E-04	1.72E-03	5.08E-05	1.06E-04	1.67E-03	2.95E-03
2029-09-01	3	8.17E+00	1.80E-02	3.33E-04	7.35E+00	1.28E-02	6.19E-05	4.44E-04	3.80E-05	1.45E-04	7.43E-03	2.29E-02	3.06E-06	2.94E-04	1.72E-03	5.09E-05	1.06E-04	1.67E-03	2.96E-03
2029-10-01	3	8.13E+00	1.80E-02	3.31E-04	7.30E+00	1.28E-02	6.16E-05	4.41E-04	3.78E-05	1.45E-04	7.39E-03	2.29E-02	3.04E-06	2.92E-04	1.72E-03	5.06E-05	1.06E-04	1.67E-03	2.95E-03
2029-11-01	3	8.11E+00	1.80E-02	3.30E-04	7.28E+00	1.28E-02	6.15E-05	4.40E-04	3.77E-05	1.45E-04	7.38E-03	2.29E-02	3.04E-06	2.91E-04	1.72E-03	5.05E-05	1.06E-04	1.67E-03	2.95E-03
2029-12-01	3	8.10E+00	1.80E-02	3.30E-04	7.28E+00	1.28E-02	6.15E-05	4.39E-04	3.77E-05	1.45E-04	7.37E-03	2.29E-02	3.03E-06	2.91E-04	1.72E-03	5.05E-05	1.06E-04	1.67E-03	2.95E-03

Temp Pond WQ 15ppmTSS																									
Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	otal Ammoni mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L
Pond 1 Statistics (Year 1 to Year 30)																									
Minimum		4.36	2.2	0.128	0.000275	0.0444	0.000276	0.0275	0.0000839	0.00000075	0.6855	0.0000075	0.0000552	0.001515	0.00000348	0.000279	1.8855E-06	0.6615	9.705E-07	0.0010935	0.013035	0.0010875	0.8655	0.0522	0.000130155
P10		4.407	2.22	0.13	0.0002787	0.0449	0.0002787	0.02787	0.0005534	0.000005348	0.7075	7.7298E-06	0.000747	0.004845	0.000006698	0.0007848	6.5235E-06	29.3615	2.2905E-06	0.0011093	0.01312158	0.0013045	0.8674	4.7702	0.000256155
Median		4.51	2.24	0.133	0.000285	0.046	0.000285	0.0285	0.000568	0.00000548	0.708	0.000007737	0.0007672	0.004925	0.00000679	0.000797	6.6355E-06	30.2615	2.3205E-06	0.0011097	0.0131237	0.0013095	0.86745	4.9122	0.000259155
P90		4.54	3.166	0.134	0.0002873	0.04633	0.0002873	0.0287	0.0005713	0.00000551	0.7082	0.000007738	0.0007722	0.004955	0.000006812	0.0008012	6.6655E-06	30.3815	2.3305E-06	0.0011098	0.01312434	0.0013115	0.867462	4.9422	0.000260155
Maximum		14.4	13	0.184	0.0199	1.23	0.645	0.0394	0.000576	0.00000555	0.7166	0.00000774	0.0007772	0.024615	0.00000684	0.029079	1.46855E-05	30.6615	1.31705E-05	0.0011891	0.013663	0.0017155	1.4905	4.9722	0.016730155
Monthly Results																									
2027-01-01	1	14.4	13	0.184	0.0199	1.23	0.645	0.0394	8.39E-05	4.47E-06	7.17E-01	7.53E-06	3.62E-04	2.46E-02	3.97E-06	2.91E-02	1.47E-05	2.25E+01	1.32E-05	1.19E-03	1.37E-02	1.72E-03	1.49E+00	1.56E+00	1.67E-02
2027-02-01	1	9.76	8.45	0.159	0.0108	0.68	0.347	0.034	0.000302	4.89E-06	7.12E-01	7.63E-06	5.42E-04	1.55E-02	5.24E-06	1.60E-02	1.09E-05	2.58E+01	8.11E-06	1.15E-03	1.34E-02	1.53E-03	1.20E+00	3.06E+00	9.11E-03
2027-03-01	1	6.41	5.12	0.141	0.00419	0.28	0.129	0.0302	0.000464	5.22E-06	7.09E-01	7.69E-06	6.78E-04	8.80E-03	6.19E-06	6.42E-03	8.16E-06	2.83E+01	4.45E-06	1.13E-03	1.32E-02	1.39E-03	9.92E-01	4.18E+00	3.53E-03
2027-04-01	1	4.46	3.2	0.13	0.000384	0.0512	0.00374	0.0279	0.000554	5.38E-06	7.08E-01	7.73E-06	7.51E-04	4.96E-03	6.71E-06	9.37E-04	6.57E-06	2.96E+01	2.35E-06	1.11E-03	1.31E-02	1.31E-03	8.71E-01	4.79E+00	3.44E-04
2027-05-01	1	4.36	3.11	0.128	0.000275	0.0444	0.000276	0.0275	0.000551	5.34E-06	7.07E-01	7.73E-06	7.46E-04	4.82E-03	6.69E-06	7.80E-04	6.48E-06	2.94E+01	2.27E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.76E+00	2.54E-04
2027-06-01	1	4.37	3.12	0.129	0.000276	0.0445	0.000276	0.0276	0.000552	5.35E-06	7.07E-01	7.73E-06	7.47E-04	4.83E-03	6.70E-06	7.81E-04	6.49E-06	2.94E+01	2.28E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.77E+00	2.55E-04
2027-07-01	1	4.4	3.14	0.13	0.000278	0.0448	0.000278	0.0278	0.000556	5.38E-06	7.08E-01	7.73E-06	7.52E-04	4.85E-03	6.72E-06	7.84E-04	6.52E-06	2.96E+01	2.29E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.81E+00	2.56E-04
2027-08-01	1	4.43	3.16	0.13	0.00028	0.0451	0.00028	0.028	0.000559	5.41E-06	7.08E-01	7.73E-06	7.56E-04	4.87E-03	6.74E-06	7.87E-04	6.55E-06	2.98E+01	2.29E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.83E+00	2.56E-04
2027-09-01	1	4.46	3.18	0.131	0.000281	0.0454	0.000281	0.0281	0.000563	5.44E-06	7.08E-01	7.73E-06	7.61E-04	4.89E-03	6.76E-06	7.91E-04	6.58E-06	3.00E+01	2.30E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.86E+00	2.57E-04
2027-10-01	1	4.41	3.15	0.13	0.000279	0.045	0.000279	0.0279	0.000557	5.40E-06	7.08E-01	7.73E-06	7.54E-04	4.86E-03	6.73E-06	7.86E-04	6.54E-06	2.97E+01	2.29E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.82E+00	2.56E-04
2027-11-01	1	4.4	3.14	0.13	0.000278	0.0449	0.000278	0.0278	0.000556	5.39E-06	7.08E-01	7.73E-06	7.53E-04	4.85E-03	6.73E-06	7.85E-04	6.53E-06	2.97E+01	2.29E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.81E+00	2.56E-04
2027-12-01	1	4.4	3.13	0.129	0.000278	0.0448	0.000278	0.0278	0.000555	5.38E-06	7.07E-01	7.73E-06	7.51E-04	4.85E-03	6.72E-06	7.84E-04	6.52E-06	2.96E+01	2.28E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.80E+00	2.55E-04
2028-01-01	2	4.41	3.15	0.13	0.000279	0.0449	0.000279	0.0279	0.000557	5.39E-06	7.08E-01	7.73E-06	7.54E-04	4.86E-03	6.73E-06	7.86E-04	6.53E-06	2.97E+01	2.29E-06	1.11E-03	1.31E-02	1.30E-03	8.67E-01	4.82E+00	2.56E-04
2028-02-01	2	4.45	2.64	0.131	0.000281	0.0453	0.000281	0.0281	0.000562	5.43E-06	7.08E-01	7.73E-06	7.60E-04	4.89E-03	6.76E-06	7.90E-04	6.57E-06	3.00E+01	2.30E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.86E+00	2.57E-04
2028-03-01	2	4.49	2.35	0.132	0.000284	0.0457	0.000284	0.0284	0.000567	5.48E-06	7.08E-01	7.74E-06	7.66E-04	4.92E-03	6.79E-06	7.95E-04	6.62E-06	3.02E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.90E+00	2.58E-04
2028-04-01	2	4.48	2.22	0.132	0.000283	0.0457	0.000283	0.0283	0.000566	5.47E-06	7.08E-01	7.74E-06	7.65E-04	4.91E-03	6.78E-06	7.94E-04	6.61E-06	3.02E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.90E+00	2.58E-04
2028-05-01	2	4.45	2.2	0.131	0.000281	0.0453	0.000281	0.0281	0.000561	5.43E-06	7.08E-01	7.73E-06	7.59E-04	4.88E-03	6.76E-06	7.89E-04	6.57E-06	2.99E+01	2.30E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.85E+00	2.57E-04
2028-06-01	2	4.45	2.2	0.131	0.000281	0.0454	0.000281	0.0281	0.000562	5.44E-06	7.08E-01	7.73E-06	7.60E-04	4.89E-03	6.76E-06	7.90E-04	6.58E-06	3.00E+01	2.30E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.86E+00	2.57E-04
2028-07-01	2	4.48	2.22	0.132	0.000283	0.0456	0.000283	0.0283	0.000565	5.46E-06	7.08E-01	7.74E-06	7.64E-04	4.91E-03	6.78E-06	7.93E-04	6.60E-06	3.01E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.89E+00	2.58E-04
2028-08-01	2	4.49	2.23	0.132	0.000284	0.0458	0.000284	0.0284	0.000568	5.48E-06	7.08E-01	7.74E-06	7.67E-04	4.92E-03	6.79E-06	7.95E-04	6.62E-06	3.03E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.91E+00	2.58E-04
2028-09-01	2	4.52	2.24	0.133	0.000285	0.046	0.000285	0.0285	0.000571	5.50E-06	7.08E-01	7.74E-06	7.71E-04	4.94E-03	6.81E-06	7.98E-04	6.64E-06	3.04E+01	2.32E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.93E+00	2.59E-04
2028-10-01	2	4.48	2.22	0.132	0.000283	0.0457	0.000283	0.0283	0.000566	5.47E-06	7.08E-01	7.74E-06	7.65E-04	4.91E-03	6.78E-06	7.94E-04	6.61E-06	3.02E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.89E+00	2.58E-04
2028-11-01	2	4.47	2.21	0.132	0.000282	0.0456	0.000282	0.0282	0.000565	5.46E-06	7.08E-01	7.74E-06	7.64E-04	4.90E-03	6.78E-06	7.93E-04	6.60E-06	3.01E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.88E+00	2.58E-04
2028-12-01	2	4.46	2.21	0.131	0.000282	0.0455	0.000282	0.0282	0.000564	5.45E-06	7.08E-01	7.74E-06	7.62E-04	4.90E-03	6.77E-06	7.92E-04	6.59E-06	3.01E+01	2.31E-06	1.11E-03	1.31E-02	1.31E-03	8.67E-01	4.87E+00	

Temp Pond WQ 15ppmTSS																			
Date	Mine Year	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Pond 1 Statistics (Year 1 to Year 30)																			
Minimum		1.707	0.01515	0.00000765	0.10245	0.01275	0.00002145	0.0000123	0.000007755	0.00009195	0.0013185	0.0228	6.555E-07	0.000002265	0.0012555	0.000003735	0.00009735	0.00078	0.002175
P10		7.947	0.01791	0.00032165	7.11045	0.01284328	0.00006045	0.0004261	0.000036955	0.00014373	0.0072265	0.02289526	2.9535E-06	0.000282065	0.0017033	0.000049415	0.00010602	0.001644	0.0029308
Median		8.097	0.01797	0.00032965	7.28245	0.0128455	0.00006135	0.0004383	0.000037655	0.00014495	0.0073685	0.022898	3.0255E-06	0.000290265	0.0017165	0.000050535	0.00010623	0.001665	0.002949
P90		8.139	0.017992	0.00033165	7.32445	0.01284626	0.00006165	0.0004413	0.000037855	0.00014529	0.0074125	0.0228987	3.0355E-06	0.000292265	0.0017195	0.000050855	0.000106296	0.001671	0.0029554
Maximum		27.907	0.05115	0.00088865	9.31245	0.01394	0.00016145	0.0004443	0.000062755	0.99409195	0.1323185	0.0228994	3.0555E-06	0.000294265	0.0017225	0.002133735	0.00222735	0.00382	0.040075
Monthly Results																			
2027-01-01	1	2.79E+01	5.12E-02	8.89E-04	9.31E+00	1.39E-02	1.61E-04	1.28E-04	6.28E-05	9.94E-01	1.32E-01	2.28E-02	1.90E-06	3.27E-05	1.59E-03	2.13E-03	2.23E-03	3.82E-03	4.01E-02
2027-02-01	1	1.86E+01	3.58E-02	6.27E-04	8.28E+00	1.34E-02	1.14E-04	2.67E-04	5.08E-05	5.34E-01	7.44E-02	2.29E-02	2.40E-06	1.49E-04	1.64E-03	1.17E-03	1.25E-03	2.81E-03	2.29E-02
2027-03-01	1	1.19E+01	2.45E-02	4.36E-04	7.57E+00	1.31E-02	8.07E-05	3.71E-04	4.22E-05	1.98E-01	3.21E-02	2.29E-02	2.77E-06	2.35E-04	1.68E-03	4.65E-04	5.28E-04	2.08E-03	1.03E-02
2027-04-01	1	8.06E+00	1.81E-02	3.26E-04	7.12E+00	1.28E-02	6.11E-05	4.28E-04	3.71E-05	5.48E-03	7.90E-03	2.29E-02	2.97E-06	2.83E-04	1.71E-03	6.06E-05	1.17E-04	1.66E-03	3.13E-03
2027-05-01	1	7.89E+00	1.79E-02	3.19E-04	7.03E+00	1.28E-02	6.01E-05	4.25E-04	3.67E-05	1.44E-04	7.17E-03	2.29E-02	2.95E-06	2.81E-04	1.70E-03	4.89E-05	1.06E-04	1.64E-03	2.92E-03
2027-06-01	1	7.90E+00	1.79E-02	3.20E-04	7.05E+00	1.28E-02	6.02E-05	4.26E-04	3.68E-05	1.43E-04	7.18E-03	2.29E-02	2.96E-06	2.82E-04	1.70E-03	4.90E-05	1.06E-04	1.64E-03	2.93E-03
2027-07-01	1	7.95E+00	1.79E-02	3.22E-04	7.10E+00	1.28E-02	6.05E-05	4.29E-04	3.70E-05	1.44E-04	7.22E-03	2.29E-02	2.98E-06	2.84E-04	1.71E-03	4.93E-05	1.06E-04	1.64E-03	2.93E-03
2027-08-01	1	7.98E+00	1.79E-02	3.24E-04	7.14E+00	1.28E-02	6.07E-05	4.31E-04	3.71E-05	1.44E-04	7.26E-03	2.29E-02	2.99E-06	2.86E-04	1.71E-03	4.96E-05	1.06E-04	1.65E-03	2.94E-03
2027-09-01	1	8.03E+00	1.79E-02	3.26E-04	7.19E+00	1.28E-02	6.10E-05	4.34E-04	3.73E-05	1.44E-04	7.30E-03	2.29E-02	3.00E-06	2.88E-04	1.71E-03	4.99E-05	1.06E-04	1.65E-03	2.94E-03
2027-10-01	1	7.97E+00	1.79E-02	3.23E-04	7.12E+00	1.28E-02	6.06E-05	4.30E-04	3.70E-05	1.44E-04	7.24E-03	2.29E-02	2.98E-06	2.85E-04	1.71E-03	4.94E-05	1.06E-04	1.65E-03	2.93E-03
2027-11-01	1	7.95E+00	1.79E-02	3.22E-04	7.11E+00	1.28E-02	6.05E-05	4.29E-04	3.70E-05	1.44E-04	7.23E-03	2.29E-02	2.98E-06	2.84E-04	1.71E-03	4.94E-05	1.06E-04	1.64E-03	2.93E-03
2027-12-01	1	7.94E+00	1.79E-02	3.22E-04	7.09E+00	1.28E-02	6.04E-05	4.28E-04	3.69E-05	1.44E-04	7.22E-03	2.29E-02	2.97E-06	2.84E-04	1.71E-03	4.93E-05	1.06E-04	1.64E-03	2.93E-03
2028-01-01	2	7.96E+00	1.79E-02	3.23E-04	7.12E+00	1.28E-02	6.06E-05	4.30E-04	3.70E-05	1.44E-04	7.24E-03	2.29E-02	2.98E-06	2.85E-04	1.71E-03	4.94E-05	1.06E-04	1.65E-03	2.93E-03
2028-02-01	2	8.02E+00	1.79E-02	3.26E-04	7.18E+00	1.28E-02	6.09E-05	4.33E-04	3.73E-05	1.44E-04	7.29E-03	2.29E-02	3.00E-06	2.87E-04	1.71E-03	4.98E-05	1.06E-04	1.65E-03	2.94E-03
2028-03-01	2	8.07E+00	1.80E-02	3.29E-04	7.24E+00	1.28E-02	6.13E-05	4.37E-04	3.75E-05	1.45E-04	7.34E-03	2.29E-02	3.02E-06	2.90E-04	1.72E-03	5.02E-05	1.06E-04	1.66E-03	2.95E-03
2028-04-01	2	8.07E+00	1.80E-02	3.28E-04	7.23E+00	1.28E-02	6.12E-05	4.37E-04	3.75E-05	1.45E-04	7.34E-03	2.29E-02	3.02E-06	2.89E-04	1.72E-03	5.02E-05	1.06E-04	1.66E-03	2.95E-03
2028-05-01	2	8.01E+00	1.79E-02	3.25E-04	7.17E+00	1.28E-02	6.09E-05	4.33E-04	3.72E-05	1.44E-04	7.28E-03	2.29E-02	3.00E-06	2.87E-04	1.71E-03	4.98E-05	1.06E-04	1.65E-03	2.94E-03
2028-06-01	2	8.02E+00	1.79E-02	3.26E-04	7.18E+00	1.28E-02	6.09E-05	4.34E-04	3.73E-05	1.44E-04	7.29E-03	2.29E-02	3.00E-06	2.87E-04	1.71E-03	4.99E-05	1.06E-04	1.65E-03	2.94E-03
2028-07-01	2	8.05E+00	1.80E-02	3.28E-04	7.22E+00	1.28E-02	6.11E-05	4.36E-04	3.75E-05	1.44E-04	7.32E-03	2.29E-02	3.02E-06	2.89E-04	1.71E-03	5.01E-05	1.06E-04	1.66E-03	2.94E-03
2028-08-01	2	8.08E+00	1.80E-02	3.29E-04	7.25E+00	1.28E-02	6.13E-05	4.38E-04	3.76E-05	1.45E-04	7.35E-03	2.29E-02	3.03E-06	2.90E-04	1.72E-03	5.03E-05	1.06E-04	1.66E-03	2.95E-03
2028-09-01	2	8.11E+00	1.80E-02	3.30E-04	7.29E+00	1.28E-02	6.15E-05	4.40E-04	3.77E-05	1.45E-04	7.38E-03	2.29E-02	3.04E-06	2.91E-04	1.72E-03	5.05E-05	1.06E-04	1.67E-03	2.95E-03
2028-10-01	2	8.06E+00	1.80E-02	3.28E-04	7.23E+00	1.28E-02	6.12E-05	4.37E-04	3.75E-05	1.45E-04	7.33E-03	2.29E-02	3.02E-06	2.89E-04	1.72E-03	5.02E-05	1.06E-04	1.66E-03	2.94E-03
2028-11-01	2	8.05E+00	1.80E-02	3.27E-04	7.21E+00	1.28E-02	6.11E-05	4.36E-04	3.74E-05	1.44E-04	7.32E-03	2.29E-02	3.01E-06	2.89E-04	1.71E-03	5.01E-05	1.06E-04	1.66E-03	2.94E-03
2028-12-01	2	8.04E+00	1.80E-02	3.27E-04	7.20E+00	1.28E-02	6.10E-05	4.35E-04	3.74E-05	1.44E-04	7.31E-03	2.29E-02	3.01E-06	2.88E-04	1.71E-03	5.00E-05	1.06E-04	1.66E-03	2.94E-03
2029-01-01	3	8.06E+00	1.80E-02	3.28E-04	7.22E+00	1.28E-02	6.11E-05	4.36E-04	3.75E-05	1.45E-04	7.33E-03	2.29E-02	3.02E-06	2.89E-04	1.71E-03	5.01E-05	1.06E-04	1.66E-03	2.94E-03
2029-02-01	3	8.10E+00	1.80E-02	3.30E-04	7.28E+00	1.28E-02	6.14E-05	4.39E-04	3.77E-05	1.45E-04	7.37E-03	2.29E-02	3.03E-06	2.91E-04	1.72E-03	5.05E-05	1.06E-04	1.67E-03	2.95E-03
2029-03-01	3	8.15E+00	1.80E-02	3.32E-04	7.33E+00	1.28E-02	6.17E-05	4.42E-04	3.79E-05	1.45E-04	7.41E-03	2.29E-02	3.05E-06	2.93E-04	1.72E-03	5.08E-05	1.06E-04	1.67E-03	2.96E-03
2029-04-01	3	8.14E+00	1.80E-02	3.32E-04	7.31E+00	1.28E-02	6.16E-05	4.41E-04	3.78E-05	1.45E-04	7.40E-03	2.29E-02	3.05E-06	2.92E-04	1.72E-03	5.07E-05	1.06E-04	1.67E-03	2.95E-03
2029-05-01	3	8.09E+00	1.80E-02	3.29E-04	7.26E+00	1.28E-02	6.14E-05	4.38E-04	3.76E-05	1.45E-04	7.36E-03	2.29E-02	3.03E-06	2.90E-04	1.72E-03	5.03E-05	1.06E-04	1.66E-03	2.95E-03
2029-06-01	3	8.10E+00	1.80E-02	3.30E-04	7.27E+00	1.28E-02	6.14E-05	4.39E-04	3.76E-05	1.45E-04	7.36E-03	2.29E-02	3.03E-06	2.91E-04	1.72E-03	5.04E-05	1.06E-04	1.66E-03	2.95E-03
2029-07-01	3	8.12E+00	1.80E-02	3.31E-04	7.30E+00	1.28E-02	6.16E-05	4.41E-04	3.78E-05	1.45E-04	7.39E-03	2.29E-02	3.04E-06	2.92E-04	1.72E-03	5.06E-05	1.06E-04	1.67E-03	2.95E-03
2029-08-01	3	8.14E+00	1.80E-02	3.32E-04	7.32E+00	1.28E-02	6.17E-05	4.42E-04	3.79E-05	1.45E-04	7.41E-03	2.29E-02	3.05E-06	2.93E-04	1.72E-03	5.08E-05	1.06E-04	1.67E-03	2.95E-03
2029-09-01	3	8.17E+00	1.80E-02	3.33E-04	7.35E+00	1.28E-02	6.19E-05	4.44E-04	3.80E-05	1.45E-04	7.43E-03	2.29E-02	3.06E-06	2.94E-04	1.72E-03	5.09E-05	1.06E-04	1.67E-03	2.96E-03
2029-10-01	3	8.13E+00	1.80E-02	3.31E-04	7.30E+00	1.28E-02	6.16E-05	4.41E-04	3.78E-05	1.45E-04	7.39E-03	2.29E-02	3.04E-06	2.92E-04	1.72E-03	5.06E-05	1.06E-04	1.67E-03	2.95E-03
2029-11-01	3	8.11E+00	1.80E-02	3.30E-04	7.28E+00	1.28E-02	6.15E-05	4.40E-04	3.77E-05	1.45E-04	7.38E-03	2.29E-02	3.04E-06	2.91E-04	1.72E-03	5.05E-05	1.06E-04	1.67E-03	2.95E-03
2029-12-01	3	8.10E+00	1.80E-02	3.30E-04	7.28E+00	1.28E-02	6.15E-05	4.39E-04	3.77E-05	1.45E-04	7.37E-03	2.29E-02	3.03E-06	2.91E-04	1.72E-03	5.05E-05	1.06E-04	1.67E-03	2.95E-03

Temp Pond WQ 30ppmTSS

Date	Mine Year	Sulphate mg/L	Chloride mg/L	Bromide mg/L	Nitrite mg/L-N	Nitrate mg/L-N	otal Ammoni mg/L-N	Fluoride mg/L	Chromium VI mg/L	Mercury mg/L	Aluminum mg/L	Silver mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Bismuth mg/L	Calcium mg/L	Cadmium mg/L	Cobalt mg/L	Chromium III mg/L	Copper mg/L	Iron mg/L	Potassium mg/L	Lithium mg/L
Pond 1 Statistics (Year 1 to Year 30)																									
Minimum		4.36	2.2	0.128	0.000275	0.0444	0.000276	0.0275	0.0000839	0.0000015	1.371	0.000015	0.0001104	0.00303	0.00000696	0.000558	0.000003771	1.323	0.000001941	0.002187	0.02607	0.002175	1.731	0.1044	0.00026031
P10		4.407	2.22	0.13	0.0002787	0.0449	0.0002787	0.02787	0.0005534	0.000006098	1.393	1.52298E-05	0.0008022	0.00636	0.000010178	0.0010638	0.000008409	30.023	0.000003261	0.0022028	0.02615658	0.002392	1.7329	4.8224	0.00038631
Median		4.51	2.24	0.133	0.000285	0.046	0.000285	0.0285	0.000568	0.00000623	1.3935	0.000015237	0.0008224	0.00644	0.00001027	0.001076	0.000008521	30.923	0.000003291	0.0022032	0.0261587	0.002397	1.73295	4.9644	0.00038931
P90		4.54	3.166	0.134	0.0002873	0.04633	0.0002873	0.0287	0.0005713	0.00000626	1.3937	0.000015238	0.0008274	0.00647	0.000010292	0.0010802	0.000008551	31.043	0.000003301	0.0022033	0.02615934	0.002399	1.732962	4.9944	0.00039031
Maximum		14.4	13	0.184	0.0199	1.23	0.645	0.0394	0.000576	0.0000063	1.4021	0.00001524	0.0008324	0.02613	0.00001032	0.029358	0.000016571	31.323	0.000014141	0.0022826	0.026698	0.002803	2.356	5.0244	0.01686031
Monthly Results																									
2027-01-01	1	14.4	13	0.184	0.0199	1.23	0.645	0.0394	8.39E-05	5.22E-06	1.40E+00	1.50E-05	4.17E-04	2.61E-02	7.45E-06	2.94E-02	1.66E-05	2.31E+01	1.41E-05	2.28E-03	2.67E-02	2.80E-03	2.36E+00	1.61E+00	1.69E-02
2027-02-01	1	9.76	8.45	0.159	0.0108	0.68	0.347	0.034	0.000302	5.64E-06	1.40E+00	1.51E-05	5.97E-04	1.70E-02	8.72E-06	1.63E-02	1.28E-05	2.64E+01	9.08E-06	2.25E-03	2.64E-02	2.61E-03	2.07E+00	3.11E+00	9.24E-03
2027-03-01	1	6.41	5.12	0.141	0.00419	0.28	0.129	0.0302	0.000464	5.97E-06	1.39E+00	1.52E-05	7.33E-04	1.03E-02	9.67E-06	6.70E-03	1.00E-05	2.89E+01	5.42E-06	2.22E-03	2.63E-02	2.48E-03	1.86E+00	4.23E+00	3.66E-03
2027-04-01	1	4.46	3.2	0.13	0.000384	0.0512	0.00374	0.0279	0.000554	6.13E-06	1.39E+00	1.52E-05	8.06E-04	6.47E-03	1.02E-05	1.22E-03	8.45E-06	3.02E+01	3.32E-06	2.20E-03	2.62E-02	2.39E-03	1.74E+00	4.84E+00	4.74E-04
2027-05-01	1	4.36	3.11	0.128	0.000275	0.0444	0.000276	0.0275	0.000551	6.09E-06	1.39E+00	1.52E-05	8.01E-04	6.33E-03	1.02E-05	1.06E-03	8.36E-06	3.00E+01	3.24E-06	2.20E-03	2.62E-02	2.39E-03	1.73E+00	4.81E+00	3.84E-04
2027-06-01	1	4.37	3.12	0.129	0.000276	0.0445	0.000276	0.0276	0.000552	6.10E-06	1.39E+00	1.52E-05	8.02E-04	6.34E-03	1.02E-05	1.06E-03	8.37E-06	3.00E+01	3.25E-06	2.20E-03	2.62E-02	2.39E-03	1.73E+00	4.82E+00	3.85E-04
2027-07-01	1	4.4	3.14	0.13	0.000278	0.0448	0.000278	0.0278	0.000556	6.13E-06	1.39E+00	1.52E-05	8.07E-04	6.36E-03	1.02E-05	1.06E-03	8.40E-06	3.02E+01	3.26E-06	2.20E-03	2.62E-02	2.39E-03	1.73E+00	4.86E+00	3.86E-04
2027-08-01	1	4.43	3.16	0.13	0.00028	0.0451	0.00028	0.028	0.000559	6.16E-06	1.39E+00	1.52E-05	8.11E-04	6.38E-03	1.02E-05	1.07E-03	8.43E-06	3.04E+01	3.26E-06	2.20E-03	2.62E-02	2.39E-03	1.73E+00	4.88E+00	3.86E-04
2027-09-01	1	4.46	3.18	0.131	0.000281	0.0454	0.000281	0.0281	0.000563	6.19E-06	1.39E+00	1.52E-05	8.16E-04	6.40E-03	1.02E-05	1.07E-03	8.46E-06	3.06E+01	3.27E-06	2.20E-03	2.62E-02	2.39E-03	1.73E+00	4.91E+00	3.87E-04
2027-10-01	1	4.41	3.15	0.13	0.000279	0.045	0.000279	0.0279	0.000557	6.15E-06	1.39E+00	1.52E-05	8.09E-04	6.37E-03	1.02E-05	1.07E-03	8.42E-06	3.03E+01	3.26E-06	2.20E-03	2.62E-02	2.39E-03	1.73E+00	4.87E+00	3.86E-04
2027-11-01	1	4.4	3.14	0.13	0.000278	0.0449	0.000278	0.0278	0.000556	6.14E-06	1.39E+00	1.52E-05	8.08E-04	6.36E-03	1.02E-05	1.06E-03	8.41E-06	3.03E+01	3.26E-06	2.20E-03	2.62E-02	2.39E-03	1.73E+00	4.86E+00	3.86E-04
2027-12-01	1	4.4	3.13	0.129	0.000278	0.0448	0.000278	0.0278	0.000555	6.13E-06	1.39E+00	1.52E-05	8.06E-04	6.36E-03	1.02E-05	1.06E-03	8.40E-06	3.02E+01	3.25E-06	2.20E-03	2.62E-02	2.39E-03	1.73E+00	4.85E+00	3.85E-04
2028-01-01	2	4.41	3.15	0.13	0.000279	0.0449	0.000279	0.0279	0.000557	6.14E-06	1.39E+00	1.52E-05	8.09E-04	6.37E-03	1.02E-05	1.07E-03	8.41E-06	3.03E+01	3.26E-06	2.20E-03	2.62E-02	2.39E-03	1.73E+00	4.87E+00	3.86E-04
2028-02-01	2	4.45	2.64	0.131	0.000281	0.0453	0.000281	0.0281	0.000562	6.18E-06	1.39E+00	1.52E-05	8.15E-04	6.40E-03	1.02E-05	1.07E-03	8.45E-06	3.06E+01	3.27E-06	2.20E-03	2.62E-02	2.39E-03	1.73E+00	4.91E+00	3.87E-04
2028-03-01	2	4.49	2.35	0.132	0.000284	0.0457	0.000284	0.0284	0.000567	6.23E-06	1.39E+00	1.52E-05	8.21E-04	6.43E-03	1.03E-05	1.07E-03	8.50E-06	3.08E+01	3.28E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.95E+00	3.88E-04
2028-04-01	2	4.48	2.22	0.132	0.000283	0.0457	0.000283	0.0283	0.000566	6.22E-06	1.39E+00	1.52E-05	8.20E-04	6.42E-03	1.03E-05	1.07E-03	8.49E-06	3.08E+01	3.28E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.95E+00	3.88E-04
2028-05-01	2	4.45	2.2	0.131	0.000281	0.0453	0.000281	0.0281	0.000561	6.18E-06	1.39E+00	1.52E-05	8.14E-04	6.39E-03	1.02E-05	1.07E-03	8.45E-06	3.05E+01	3.27E-06	2.20E-03	2.62E-02	2.39E-03	1.73E+00	4.90E+00	3.87E-04
2028-06-01	2	4.45	2.2	0.131	0.000281	0.0454	0.000281	0.0281	0.000562	6.19E-06	1.39E+00	1.52E-05	8.15E-04	6.40E-03	1.02E-05	1.07E-03	8.46E-06	3.06E+01	3.27E-06	2.20E-03	2.62E-02	2.39E-03	1.73E+00	4.91E+00	3.87E-04
2028-07-01	2	4.48	2.22	0.132	0.000283	0.0456	0.000283	0.0283	0.000565	6.21E-06	1.39E+00	1.52E-05	8.19E-04	6.42E-03	1.03E-05	1.07E-03	8.48E-06	3.07E+01	3.28E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.94E+00	3.88E-04
2028-08-01	2	4.49	2.23	0.132	0.000284	0.0458	0.000284	0.0284	0.000568	6.23E-06	1.39E+00	1.52E-05	8.22E-04	6.43E-03	1.03E-05	1.07E-03	8.50E-06	3.09E+01	3.28E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.96E+00	3.88E-04
2028-09-01	2	4.52	2.24	0.133	0.000285	0.046	0.000285	0.0285	0.000571	6.25E-06	1.39E+00	1.52E-05	8.26E-04	6.45E-03	1.03E-05	1.08E-03	8.52E-06	3.10E+01	3.29E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.98E+00	3.89E-04
2028-10-01	2	4.48	2.22	0.132	0.000283	0.0457	0.000283	0.0283	0.000566	6.22E-06	1.39E+00	1.52E-05	8.20E-04	6.42E-03	1.03E-05	1.07E-03	8.49E-06	3.08E+01	3.28E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.94E+00	3.88E-04
2028-11-01	2	4.47	2.21	0.132	0.000282	0.0456	0.000282	0.0282	0.000565	6.21E-06	1.39E+00	1.52E-05	8.19E-04	6.41E-03	1.03E-05	1.07E-03	8.48E-06	3.07E+01	3.28E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.93E+00	3.88E-04
2028-12-01	2	4.46	2.21	0.131	0.000282	0.0455	0.000282	0.0282	0.000564	6.20E-06	1.39E+00	1.52E-05	8.17E-04	6.41E-03	1.03E-05	1.07E-03	8.47E-06	3.07E+01	3.28E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.92E+00	3.87E-04
2029-01-01	3	4.48	2.22	0.132	0.000283	0.0456	0.000283	0.0283	0.000565	6.21E-06	1.39E+00	1.52E-05	8.19E-04	6.42E-03	1.03E-05	1.07E-03	8.48E-06	3.07E+01	3.28E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.94E+00	3.88E-04
2029-02-01	3	4.51	2.23	0.133	0.000285	0.046	0.000285	0.0285	0.00057	6.25E-06	1.39E+00	1.52E-05	8.25E-04	6.44E-03	1.03E-05	1.08E-03	8.52E-06	3.10E+01	3.29E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.97E+00	3.89E-04
2029-03-01	3	4.54	2.25	0.134	0.000287	0.0463	0.000287	0.0287	0.000574	6.28E-06	1.39E+00	1.52E-05	8.30E-04	6.47E-03	1.03E-05	1.08E-03	8.55E-06	3.12E+01	3.30E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	5.01E+00	3.90E-04
2029-04-01	3	4.53	2.24	0.133	0.000286	0.0462	0.000286	0.0286	0.000573	6.27E-06	1.39E+00	1.52E-05	8.28E-04	6.46E-03	1.03E-05	1.08E-03	8.54E-06	3.11E+01	3.30E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	5.00E+00	3.89E-04
2029-05-01	3	4.5	2.23	0.132	0.000284	0.0459	0.000284	0.0284	0.000568	6.24E-06	1.39E+00	1.52E-05	8.23E-04	6.43E-03	1.03E-05	1.08E-03	8.51E-06	3.09E+01	3.29E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.96E+00	3.88E-04
2029-06-01	3	4.51	2.23	0.133	0.000285	0.0459	0.000285	0.0285	0.000569	6.24E-06	1.39E+00	1.52E-05	8.24E-04	6.44E-03	1.03E-05	1.08E-03	8.51E-06	3.09E+01	3.29E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.97E+00	3.89E-04
2029-07-01	3	4.52	2.24	0.133	0.000286	0.0461	0.000286	0.0286	0.000571	6.26E-06	1.39E+00	1.52E-05	8.27E-04	6.45E-03	1.03E-05	1.08E-03	8.53E-06	3.10E+01	3.29E-06	2.20E-03	2.62E-02	2.40E-03	1.73E+00	4.99E+00	3.89E-04
2029-08-01	3	4.54	2.25	0.134	0.000287	0.0462	0.000287	0.0287	0.000573	6.28E-06	1.39E+00														

Temp Pond WQ 30ppmTSS																			
Date	Mine Year	Magnesium	Manganese	Molybdenum	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Pond 1 Statistics (Year 1 to Year 30)																			
Minimum		3.414	0.0303	0.0000153	0.2049	0.0255	0.0000429	0.0000246	0.00001551	0.0001839	0.002637	0.0456	0.000001311	0.00000453	0.002511	0.00000747	0.0001947	0.00156	0.00435
P10		9.654	0.03306	0.0003293	7.2129	0.02559328	0.0000819	0.0004384	0.00004471	0.00023568	0.008545	0.04569526	0.000003609	0.00028433	0.0029588	0.00005315	0.00020337	0.002424	0.0051058
Median		9.804	0.03312	0.0003373	7.3849	0.0255955	0.0000828	0.0004506	0.00004541	0.0002369	0.008687	0.045698	0.000003681	0.00029253	0.002972	0.00005427	0.00020358	0.002445	0.005124
P90		9.846	0.033142	0.0003393	7.4269	0.02559626	0.0000831	0.0004536	0.00004561	0.00023724	0.008731	0.0456987	0.000003691	0.00029453	0.002975	0.00005459	0.000203646	0.002451	0.0051304
Maximum		29.614	0.0663	0.0008963	9.4149	0.02669	0.0001829	0.0004566	0.00007051	0.9941839	0.133637	0.0456994	0.000003711	0.00029653	0.002978	0.00213747	0.0023247	0.0046	0.04225
Monthly Results																			
2027-01-01	1	2.96E+01	6.63E-02	8.96E-04	9.41E+00	2.67E-02	1.83E-04	1.41E-04	7.05E-05	9.94E-01	1.34E-01	4.56E-02	2.55E-06	3.49E-05	2.84E-03	2.14E-03	2.32E-03	4.60E-03	4.23E-02
2027-02-01	1	2.03E+01	5.09E-02	6.34E-04	8.38E+00	2.62E-02	1.36E-04	2.80E-04	5.85E-05	5.34E-01	7.57E-02	4.57E-02	3.05E-06	1.52E-04	2.90E-03	1.18E-03	1.34E-03	3.59E-03	2.51E-02
2027-03-01	1	1.36E+01	3.97E-02	4.43E-04	7.67E+00	2.58E-02	1.02E-04	3.84E-04	4.99E-05	1.98E-01	3.34E-02	4.57E-02	3.42E-06	2.38E-04	2.94E-03	4.68E-04	6.26E-04	2.86E-03	1.25E-02
2027-04-01	1	9.76E+00	3.32E-02	3.33E-04	7.22E+00	2.56E-02	8.25E-05	4.41E-04	4.48E-05	5.57E-03	9.22E-03	4.57E-02	3.62E-06	2.86E-04	2.96E-03	6.44E-05	2.15E-04	2.44E-03	5.31E-03
2027-05-01	1	9.59E+00	3.30E-02	3.26E-04	7.13E+00	2.56E-02	8.15E-05	4.38E-04	4.44E-05	2.36E-04	8.49E-03	4.57E-02	3.60E-06	2.84E-04	2.96E-03	5.27E-05	2.03E-04	2.42E-03	5.10E-03
2027-06-01	1	9.60E+00	3.30E-02	3.27E-04	7.15E+00	2.56E-02	8.16E-05	4.39E-04	4.45E-05	2.35E-04	8.50E-03	4.57E-02	3.61E-06	2.85E-04	2.96E-03	5.28E-05	2.03E-04	2.42E-03	5.10E-03
2027-07-01	1	9.65E+00	3.31E-02	3.29E-04	7.20E+00	2.56E-02	8.19E-05	4.42E-04	4.47E-05	2.36E-04	8.54E-03	4.57E-02	3.63E-06	2.87E-04	2.96E-03	5.31E-05	2.03E-04	2.42E-03	5.11E-03
2027-08-01	1	9.68E+00	3.31E-02	3.31E-04	7.24E+00	2.56E-02	8.21E-05	4.44E-04	4.48E-05	2.36E-04	8.58E-03	4.57E-02	3.64E-06	2.89E-04	2.97E-03	5.34E-05	2.03E-04	2.43E-03	5.11E-03
2027-09-01	1	9.73E+00	3.31E-02	3.33E-04	7.29E+00	2.56E-02	8.24E-05	4.47E-04	4.50E-05	2.36E-04	8.62E-03	4.57E-02	3.65E-06	2.91E-04	2.97E-03	5.37E-05	2.03E-04	2.43E-03	5.12E-03
2027-10-01	1	9.67E+00	3.31E-02	3.30E-04	7.22E+00	2.56E-02	8.20E-05	4.43E-04	4.47E-05	2.36E-04	8.56E-03	4.57E-02	3.63E-06	2.88E-04	2.96E-03	5.32E-05	2.03E-04	2.43E-03	5.11E-03
2027-11-01	1	9.65E+00	3.31E-02	3.29E-04	7.21E+00	2.56E-02	8.19E-05	4.42E-04	4.47E-05	2.36E-04	8.55E-03	4.57E-02	3.63E-06	2.87E-04	2.96E-03	5.32E-05	2.03E-04	2.42E-03	5.11E-03
2027-12-01	1	9.64E+00	3.31E-02	3.29E-04	7.19E+00	2.56E-02	8.18E-05	4.41E-04	4.46E-05	2.36E-04	8.54E-03	4.57E-02	3.62E-06	2.87E-04	2.96E-03	5.31E-05	2.03E-04	2.42E-03	5.10E-03
2028-01-01	2	9.66E+00	3.31E-02	3.30E-04	7.22E+00	2.56E-02	8.20E-05	4.43E-04	4.47E-05	2.36E-04	8.56E-03	4.57E-02	3.63E-06	2.88E-04	2.96E-03	5.32E-05	2.03E-04	2.43E-03	5.11E-03
2028-02-01	2	9.72E+00	3.31E-02	3.33E-04	7.28E+00	2.56E-02	8.23E-05	4.46E-04	4.50E-05	2.36E-04	8.61E-03	4.57E-02	3.65E-06	2.90E-04	2.97E-03	5.36E-05	2.03E-04	2.43E-03	5.11E-03
2028-03-01	2	9.77E+00	3.31E-02	3.36E-04	7.34E+00	2.56E-02	8.27E-05	4.50E-04	4.52E-05	2.37E-04	8.66E-03	4.57E-02	3.67E-06	2.93E-04	2.97E-03	5.40E-05	2.04E-04	2.44E-03	5.12E-03
2028-04-01	2	9.77E+00	3.31E-02	3.35E-04	7.33E+00	2.56E-02	8.26E-05	4.50E-04	4.52E-05	2.37E-04	8.66E-03	4.57E-02	3.67E-06	2.92E-04	2.97E-03	5.40E-05	2.04E-04	2.44E-03	5.12E-03
2028-05-01	2	9.71E+00	3.31E-02	3.32E-04	7.27E+00	2.56E-02	8.23E-05	4.46E-04	4.49E-05	2.36E-04	8.60E-03	4.57E-02	3.65E-06	2.90E-04	2.97E-03	5.36E-05	2.03E-04	2.43E-03	5.11E-03
2028-06-01	2	9.72E+00	3.31E-02	3.33E-04	7.28E+00	2.56E-02	8.23E-05	4.47E-04	4.50E-05	2.36E-04	8.61E-03	4.57E-02	3.65E-06	2.90E-04	2.97E-03	5.37E-05	2.03E-04	2.43E-03	5.11E-03
2028-07-01	2	9.75E+00	3.31E-02	3.35E-04	7.32E+00	2.56E-02	8.25E-05	4.49E-04	4.52E-05	2.36E-04	8.64E-03	4.57E-02	3.67E-06	2.92E-04	2.97E-03	5.39E-05	2.04E-04	2.44E-03	5.12E-03
2028-08-01	2	9.78E+00	3.31E-02	3.36E-04	7.35E+00	2.56E-02	8.27E-05	4.51E-04	4.53E-05	2.37E-04	8.67E-03	4.57E-02	3.68E-06	2.93E-04	2.97E-03	5.41E-05	2.04E-04	2.44E-03	5.12E-03
2028-09-01	2	9.81E+00	3.31E-02	3.37E-04	7.39E+00	2.56E-02	8.29E-05	4.53E-04	4.54E-05	2.37E-04	8.70E-03	4.57E-02	3.69E-06	2.94E-04	2.97E-03	5.43E-05	2.04E-04	2.45E-03	5.13E-03
2028-10-01	2	9.76E+00	3.31E-02	3.35E-04	7.33E+00	2.56E-02	8.26E-05	4.50E-04	4.52E-05	2.37E-04	8.65E-03	4.57E-02	3.67E-06	2.92E-04	2.97E-03	5.40E-05	2.04E-04	2.44E-03	5.12E-03
2028-11-01	2	9.75E+00	3.31E-02	3.34E-04	7.31E+00	2.56E-02	8.25E-05	4.49E-04	4.51E-05	2.36E-04	8.64E-03	4.57E-02	3.66E-06	2.92E-04	2.97E-03	5.39E-05	2.04E-04	2.44E-03	5.12E-03
2028-12-01	2	9.74E+00	3.31E-02	3.34E-04	7.30E+00	2.56E-02	8.24E-05	4.48E-04	4.51E-05	2.36E-04	8.63E-03	4.57E-02	3.66E-06	2.91E-04	2.97E-03	5.38E-05	2.03E-04	2.44E-03	5.12E-03
2029-01-01	3	9.76E+00	3.31E-02	3.35E-04	7.32E+00	2.56E-02	8.25E-05	4.49E-04	4.52E-05	2.37E-04	8.65E-03	4.57E-02	3.67E-06	2.92E-04	2.97E-03	5.39E-05	2.04E-04	2.44E-03	5.12E-03
2029-02-01	3	9.80E+00	3.31E-02	3.37E-04	7.38E+00	2.56E-02	8.28E-05	4.52E-04	4.54E-05	2.37E-04	8.69E-03	4.57E-02	3.68E-06	2.94E-04	2.97E-03	5.43E-05	2.04E-04	2.45E-03	5.12E-03
2029-03-01	3	9.85E+00	3.31E-02	3.39E-04	7.43E+00	2.56E-02	8.31E-05	4.55E-04	4.56E-05	2.37E-04	8.73E-03	4.57E-02	3.70E-06	2.96E-04	2.98E-03	5.46E-05	2.04E-04	2.45E-03	5.13E-03
2029-04-01	3	9.84E+00	3.31E-02	3.39E-04	7.41E+00	2.56E-02	8.30E-05	4.54E-04	4.55E-05	2.37E-04	8.72E-03	4.57E-02	3.70E-06	2.95E-04	2.98E-03	5.45E-05	2.04E-04	2.45E-03	5.13E-03
2029-05-01	3	9.79E+00	3.31E-02	3.36E-04	7.36E+00	2.56E-02	8.28E-05	4.51E-04	4.53E-05	2.37E-04	8.68E-03	4.57E-02	3.68E-06	2.93E-04	2.97E-03	5.41E-05	2.04E-04	2.44E-03	5.12E-03
2029-06-01	3	9.80E+00	3.31E-02	3.37E-04	7.37E+00	2.56E-02	8.28E-05	4.52E-04	4.53E-05	2.37E-04	8.68E-03	4.57E-02	3.68E-06	2.94E-04	2.97E-03	5.42E-05	2.04E-04	2.44E-03	5.12E-03
2029-07-01	3	9.82E+00	3.31E-02	3.38E-04	7.40E+00	2.56E-02	8.30E-05	4.54E-04	4.55E-05	2.37E-04	8.71E-03	4.57E-02	3.69E-06	2.95E-04	2.98E-03	5.44E-05	2.04E-04	2.45E-03	5.13E-03
2029-08-01	3	9.84E+00	3.31E-02	3.39E-04	7.42E+00	2.56E-02	8.31E-05	4.55E-04	4.56E-05	2.37E-04	8.73E-03	4.57E-02	3.70E-06	2.96E-04	2.98E-03	5.46E-05	2.04E-04	2.45E-03	5.13E-03
2029-09-01	3	9.87E+00	3.32E-02	3.40E-04	7.45E+00	2.56E-02	8.33E-05	4.57E-04	4.57E-05	2.37E-04	8.75E-03	4.57E-02	3.71E-06	2.97E-04	2.98E-03	5.47E-05	2.04E-04	2.45E-03	5.13E-03
2029-10-01	3	9.83E+00	3.31E-02	3.38E-04	7.40E+00	2.56E-02	8.30E-05	4.54E-04	4.55E-05	2.37E-04	8.71E-03	4.57E-02	3.69E-06	2.95E-04	2.98E-03	5.44E-05	2.04E-04	2.45E-03	5.13E-03
2029-11-01	3	9.81E+00	3.31E-02	3.37E-04	7.38E+00	2.56E-02	8.29E-05	4.53E-04	4.54E-05	2.37E-04	8.70E-03	4.57E-02	3.69E-06	2.94E-04	2.97E-03	5.43E-05	2.04E-04	2.45E-03	5.13E-03
2029-12-01	3	9.80E+00	3.31E-02	3.37E-04	7.38E+00	2.56E-02	8.29E-05	4.52E-04	4.54E-05	2.37E-04	8.69E-03	4.57E-02	3.68E-06	2.94E-04	2.97E-03	5.43E-05	2.04E-04	2.45E-03	5.12E-03

D.4 – RECLAIMED SURFACE LOADINGS

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2068-02-01	42	0.0003176	0.000363	3.86E-09	0	0	5.75E-06	0	0	9.66E-10	8.62E-06	0	8.70E-08	0	0	0	3.86E-09	3.86E-09	3.86E-09	3.03E-08	1.97E-07	1.97E-07	7.19E-05
2068-03-01	42	0.001501	0.001715	1.82E-08	0	0	2.72E-05	0	0	4.56E-09	4.07E-05	0	4.11E-07	0	0	0	1.82E-08	1.82E-08	1.82E-08	1.43E-07	9.29E-07	9.29E-07	0.0003397
2068-04-01	42	0.008779	0.01003	1.07E-07	0	0	0.0001589	0	0	2.67E-08	0.0002383	0	2.40E-06	0	0	0	1.07E-07	1.07E-07	1.07E-07	8.36E-07	5.43E-06	5.43E-06	0.001987
2068-05-01	42	0.01536	0.01755	1.87E-07	0	0	0.0002779	0	0	4.67E-08	0.0004168	0	4.21E-06	0	0	0	1.87E-07	1.87E-07	1.87E-07	1.46E-06	9.51E-06	9.51E-06	0.003475
2068-06-01	42	0.013	0.01486	1.58E-07	0	0	0.0002352	0	0	3.95E-08	0.0003528	0	3.56E-06	0	0	0	1.58E-07	1.58E-07	1.58E-07	1.24E-06	8.05E-06	8.05E-06	0.002942
2068-07-01	42	0.01043	0.01192	1.27E-07	0	0	0.0001887	0	0	3.17E-08	0.000283	0	2.86E-06	0	0	0	1.27E-07	1.27E-07	1.27E-07	9.93E-07	6.45E-06	6.45E-06	0.00236
2068-08-01	42	0.006593	0.007535	8.01E-08	0	0	0.0001193	0	0	2.01E-08	0.000179	0	1.81E-06	0	0	0	8.01E-08	8.01E-08	8.01E-08	6.28E-07	4.08E-06	4.08E-06	0.001492
2068-09-01	42	0.007815	0.008931	9.49E-08	0	0	1.41E-04	0	0	2.38E-08	2.12E-04	0	2.14E-06	0	0	0	9.49E-08	9.49E-08	9.49E-08	7.44E-07	4.84E-06	4.84E-06	0.001769
2068-10-01	42	0.006194	0.007078	7.52E-08	0	0	1.12E-04	0	0	1.88E-08	1.68E-04	0	1.70E-06	0	0	0	7.52E-08	7.52E-08	7.52E-08	5.90E-07	3.83E-06	3.83E-06	0.001402
2068-11-01	42	0.003645	0.004166	4.43E-08	0	0	6.60E-05	0	0	1.11E-08	9.89E-05	0	9.98E-07	0	0	0	4.43E-08	4.43E-08	4.43E-08	3.47E-07	2.26E-06	2.26E-06	0.0008249
2068-12-01	42	0.0007937	0.000907	9.64E-09	0	0	1.44E-05	0	0	2.41E-09	2.15E-05	0	2.17E-07	0	0	0	9.64E-09	9.64E-09	9.64E-09	7.56E-08	4.91E-07	4.91E-07	0.0001796
2069-01-01	43	0.03857	0.04408	4.68E-07	0	0	0.0006979	0	0	1.17E-07	0.001047	0	1.06E-05	0	0	0	4.68E-07	4.68E-07	4.68E-07	3.67E-06	2.39E-05	2.39E-05	0.008728
2069-02-01	43	0.07015	0.08017	8.52E-07	0	0	0.001269	0	0	2.13E-07	0.001904	0	1.92E-05	0	0	0	8.52E-07	8.52E-07	8.52E-07	6.68E-06	4.34E-05	4.34E-05	0.01588
2069-03-01	43	0.3201	0.3658	3.89E-06	0	0	0.005792	0	0	9.73E-07	0.008688	0	8.76E-05	0	0	0	3.89E-06	3.89E-06	3.89E-06	3.05E-05	0.0001981	0.0001981	0.07244
2069-04-01	43	1.872	2.14	2.27E-05	0	0	0.03388	0	0	5.69E-06	0.05081	0	0.0005126	0	0	0	2.27E-05	2.27E-05	2.27E-05	0.0001783	0.001159	0.001159	0.4237
2069-05-01	43	3.275	3.743	3.98E-05	0	0	0.05926	0	0	9.96E-06	0.08889	0	0.0008967	0	0	0	3.98E-05	3.98E-05	3.98E-05	0.0003119	0.002027	0.002027	0.7411
2069-06-01	43	2.772	3.168	3.37E-05	0	0	0.05016	0	0	8.43E-06	0.07524	0	0.000759	0	0	0	3.37E-05	3.37E-05	3.37E-05	0.000264	0.001716	0.001716	0.6274
2069-07-01	43	2.223	2.541	2.70E-05	0	0	0.04023	0	0	6.76E-06	0.06035	0	0.0006088	0	0	0	2.70E-05	2.70E-05	2.70E-05	0.0002118	0.001376	0.001376	0.5032
2069-08-01	43	1.406	1.607	1.71E-05	0	0	0.02544	0	0	4.28E-06	0.03816	0	0.000385	0	0	0	1.71E-05	1.71E-05	1.71E-05	0.0001339	0.0008704	0.0008704	0.3182
2069-09-01	43	1.667	1.905	2.02E-05	0	0	0.03016	0	0	5.07E-06	0.04524	0	0.0004563	0	0	0	2.02E-05	2.02E-05	2.02E-05	1.59E-04	0.001032	0.001032	0.3772
2069-10-01	43	1.321	1.509	1.60E-05	0	0	0.0239	0	0	4.02E-06	0.03585	0	3.62E-04	0	0	0	1.60E-05	1.60E-05	1.60E-05	1.26E-04	0.0008176	0.0008176	0.2989
2069-11-01	43	0.7773	0.8884	9.44E-06	0	0	0.01407	0	0	2.36E-06	0.0211	0	2.13E-04	0	0	0	9.44E-06	9.44E-06	9.44E-06	7.40E-05	4.81E-04	4.81E-04	0.1759
2069-12-01	43	0.1693	0.1934	2.06E-06	0	0	0.003063	0	0	5.15E-07	0.004594	0	4.63E-05	0	0	0	2.06E-06	2.06E-06	2.06E-06	1.61E-05	0.0001048	0.0001048	0.0383
2070-01-01	44	0.1478	0.169	1.80E-06	0	0	0.002675	0	0	4.50E-07	0.004013	0	4.05E-05	0	0	0	1.80E-06	1.80E-06	1.80E-06	1.41E-05	9.15E-05	9.15E-05	0.03346
2070-02-01	44	0.2689	0.3073	3.27E-06	0	0	0.004866	0	0	8.18E-07	0.007299	0	7.36E-05	0	0	0	3.27E-06	3.27E-06	3.27E-06	2.56E-05	0.0001665	0.0001665	0.06085
2070-03-01	44	1.227	1.402	1.49E-05	0	0	0.0333	0	0	3.73E-06	0.0333	0	0.0003359	0	0	0	1.49E-05	1.49E-05	1.49E-05	0.0001168	0.0007595	0.0007595	0.2777
2070-04-01	44	7.176	8.201	8.71E-05	0	0	0.1298	0	0	2.18E-05	0.1948	0	0.001965	0	0	0	8.71E-05	8.71E-05	8.71E-05	0.0006834	0.004442	0.004442	1.624
2070-05-01	44	12.55	14.35	1.52E-04	0	0	0.2271	0	0	3.82E-05	0.3407	0	0.003437	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001195	0.007771	0.007771	2.841
2070-06-01	44	10.63	12.14	1.29E-04	0	0	0.1923	0	0	3.23E-05	0.2884	0	0.002909	0	0	0	1.29E-04	1.29E-04	1.29E-04	0.001012	0.006578	0.006578	2.405
2070-07-01	44	8.523	9.74	1.04E-04	0	0	0.1542	0	0	2.59E-05	0.2313	0	0.002334	0	0	0	1.04E-04	1.04E-04	1.04E-04	0.0008117	0.005276	0.005276	1.929
2070-08-01	44	5.389	6.159	6.54E-05	0	0	0.09752	0	0	1.64E-05	0.1463	0	0.001476	0	0	0	6.54E-05	6.54E-05	6.54E-05	0.0005133	0.003336	0.003336	1.22
2070-09-01	44	6.388	7.301	7.76E-05	0	0	0.1156	0	0	1.94E-05	0.1734	0	0.001749	0	0	0	7.76E-05	7.76E-05	7.76E-05	0.0006084	0.003955	0.003955	1.446
2070-10-01	44	5.063	5.786	6.15E-05	0	0	0.09161	0	0	1.54E-05	0.1374	0	0.001386	0	0	0	6.15E-05	6.15E-05	6.15E-05	4.82E-04	0.003134	0.003134	1.146
2070-11-01	44	2.98	3.405	3.62E-05	0	0	0.05392	0	0	9.06E-06	0.08087	0	8.16E-04	0	0	0	3.62E-05	3.62E-05	3.62E-05	2.84E-04	0.001844	0.001844	0.6743
2070-12-01	44	0.6488	0.7414	7.88E-06	0	0	0.01174	0	0	1.97E-06	0.01761	0	0.0001776	0	0	0	7.88E-06	7.88E-06	7.88E-06	6.18E-05	0.0004016	0.0004016	0.1468
2071-01-01	45	0.2118	0.2421	2.57E-06	0	0	0.003833	0	0	6.44E-07	0.005749	0	5.80E-05	0	0	0	2.57E-06	2.57E-06	2.57E-06	2.02E-05	0.0001311	0.0001311	0.04794
2071-02-01	45	0.3853	0.4403	4.68E-06	0	0	0.006972	0	0	1.17E-06	0.01046	0	0.0001055	0	0	0	4.68E-06	4.68E-06	4.68E-06	3.67E-05	0.0002385	0.0002385	0.08719
2071-03-01	45	1.758	2.009	2.14E-05	0	0	0.03181	0	0	5.35E-06	0.04771	0	0.0004813	0	0	0	2.14E-05	2.14E-05	2.14E-05	0.0001674	0.001088	0.001088	0.3978
2071-04-01	45	10.28	11.75	0.0001248	0	0	0.186	0	0	3.13E-05	0.2791	0	0.002815	0	0	0	0.0001248	0.0001248	0.0001248	0.0009792	0.006365	0.006365	2.327
2071-05-01	45	17.99	20.55	0.0002184	0	0	0.3254	0	0	5.47E-05	0.4882	0	0.004924	0	0	0	0.0002184	0.0002184	0.0002184	0.001713	0.01113	0.01113	4.07
2071-06-01	45	15.22	17.4	1.85E-04	0	0	0.2755	0	0	4.63E-05	0.4132	0	0.004169	0	0	0	1.85E-04	1.85E-04	1.85E-04	0.00145	0.009425	0.009425	3.445
2071-07-01	45	12.21	13.96	0.0001483	0	0	0.221	0	0	3.71E-05	0.3315	0	0.003344	0	0	0	0.0001483	0.0001483	0.0001483	0.001163	0.007559	0.007559	2.764
2071-08-01	45	7.722	8.825	9.38E-05	0	0	0.1397	0	0	2.35E-05	0.2096	0	0.002114	0	0	0	9.38E-05	9.38E-05	9.38E-05	0.0007354	0.00478	0.00478	1.748
2071-09-01	45	9.153	10.46	1.11E-04	0	0	0.1656	0	0	2.78E-05	0.2484	0	0.002506	0	0	0	1.11E-04	1.11E-04	1.11E-04	0.0008717	0.005666	0.005666	2.071
2071-10-01	45	7.254	8.29	8.81E-05	0	0	0.1313	0	0	2.21E-05	0.1969	0	0.001986	0	0	0	8.81E-05	8.81E-05	8.81E-05	6.91E-04	0.00449	0.00449	1.642
2071-11-01	45	4.269	4.879	5.18E-05	0	0	0.07725	0	0	1.30E-05	0.1159	0	1.17E-03	0	0	0	5.18E-05	5.18E-05	5.18E-05	4.07E-04	0.002643	0.002643	0.9661
2071-12-01	45	0.9295	1.062	1.13E-05	0	0	0.01682	0	0	2.83E-06	0.02523	0	0.0002545	0	0	0	1.13E-05	1.13E-05	1.13E-05	8.85E-05	0.0005754	0.0005754	0.2104
2072-01-01	46	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2068-02-01	42	4.75E-06	4.75E-06	4.75E-06	4.75E-06	0	0.0003176	5.75E-06	1.02E-07	4.39E-08	1.70E-08	1.70E-08	0.0003176	4.16E-09	4.16E-09	4.16E-09	4.16E-09	9.76E-08	6.81E-07	6.81E-07	6.81E-07	2.76E-06
2068-03-01	42	2.24E-05	2.24E-05	2.24E-05	2.24E-05	0	0.001501	2.72E-05	4.82E-07	2.07E-07	8.04E-08	8.04E-08	0.001501	1.97E-08	1.97E-08	1.97E-08	1.97E-08	4.61E-07	3.22E-06	3.22E-06	3.22E-06	1.30E-05
2068-04-01	42	0.0001313	0.0001313	0.0001313	0.0001313	0	0.008779	0.0001589	2.82E-06	1.21E-06	4.70E-07	4.70E-07	0.008779	1.15E-07	1.15E-07	1.15E-07	1.15E-07	2.70E-06	1.88E-05	1.88E-05	1.88E-05	7.63E-05
2068-05-01	42	0.0002296	0.0002296	0.0002296	0.0002296	0	0.01536	0.0002779	4.94E-06	2.12E-06	8.23E-07	8.23E-07	0.01536	2.01E-07	2.01E-07	2.01E-07	2.01E-07	4.72E-06	3.29E-05	3.29E-05	3.29E-05	1.34E-04
2068-06-01	42	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0	0.013	0.0002352	4.18E-06	1.80E-06	6.96E-07	6.96E-07	0.013	1.70E-07	1.70E-07	1.70E-07	1.70E-07	3.99E-06	2.79E-05	2.79E-05	2.79E-05	1.13E-04
2068-07-01	42	0.0001559	0.0001559	0.0001559	0.0001559	0	0.01043	0.0001887	3.35E-06	1.44E-06	5.59E-07	5.59E-07	0.01043	1.37E-07	1.37E-07	1.37E-07	1.37E-07	3.20E-06	2.23E-05	2.23E-05	2.23E-05	9.06E-05
2068-08-01	42	9.86E-05	9.86E-05	9.86E-05	9.86E-05	0	0.006593	0.0001193	2.12E-06	9.11E-07	3.53E-07	3.53E-07	0.006593	8.63E-08	8.63E-08	8.63E-08	8.63E-08	2.03E-06	1.41E-05	1.41E-05	1.41E-05	5.73E-05
2068-09-01	42	1.17E-04	1.17E-04	1.17E-04	1.17E-04	0	0.007815	1.41E-04	2.51E-06	1.08E-06	4.19E-07	4.19E-07	0.007815	1.02E-07	1.02E-07	1.02E-07	1.02E-07	2.40E-06	1.68E-05	1.68E-05	1.68E-05	6.79E-05
2068-10-01	42	9.26E-05	9.26E-05	9.26E-05	9.26E-05	0	0.006194	1.12E-04	1.99E-06	8.55E-07	3.32E-07	3.32E-07	0.006194	8.11E-08	8.11E-08	8.11E-08	8.11E-08	1.90E-06	1.33E-05	1.33E-05	1.33E-05	5.38E-05
2068-11-01	42	5.45E-05	5.45E-05	5.45E-05	5.45E-05	0	0.003645	6.60E-05	1.17E-06	5.03E-07	1.95E-07	1.95E-07	0.003645	4.77E-08	4.77E-08	4.77E-08	4.77E-08	1.12E-06	7.81E-06	7.81E-06	7.81E-06	3.17E-05
2068-12-01	42	1.19E-05	1.19E-05	1.19E-05	1.19E-05	0	0.0007937	1.44E-05	2.55E-07	1.10E-07	4.25E-08	4.25E-08	0.0007937	1.04E-08	1.04E-08	1.04E-08	1.04E-08	2.44E-07	1.70E-06	1.70E-06	1.70E-06	6.90E-06
2069-01-01	43	0.0005767	0.0005767	0.0005767	0.0005767	0	0.03857	0.0006979	1.24E-05	5.33E-06	2.07E-06	2.07E-06	0.03857	5.05E-07	5.05E-07	5.05E-07	5.05E-07	1.19E-05	8.27E-05	8.27E-05	8.27E-05	0.0003352
2069-02-01	43	0.001049	0.001049	0.001049	0.001049	0	0.07015	0.001269	2.26E-05	9.69E-06	3.76E-06	3.76E-06	0.07015	9.19E-07	9.19E-07	9.19E-07	9.19E-07	2.16E-05	0.0001503	0.0001503	0.0001503	0.0006096
2069-03-01	43	0.004786	0.004786	0.004786	0.004786	0	0.3201	0.005792	0.0001029	4.42E-05	1.72E-05	1.72E-05	0.3201	4.19E-06	4.19E-06	4.19E-06	4.19E-06	9.83E-05	0.0006859	0.0006859	0.0006859	0.002782
2069-04-01	43	0.02799	0.02799	0.02799	0.02799	0	1.872	0.03388	0.0006017	0.0002585	0.0001003	0.0001003	1.872	2.45E-05	2.45E-05	2.45E-05	2.45E-05	0.000575	0.004012	0.004012	0.004012	0.01627
2069-05-01	43	0.04897	0.04897	0.04897	0.04897	0	3.275	0.05926	0.001053	0.0004522	0.0001754	0.0001754	3.275	4.29E-05	4.29E-05	4.29E-05	4.29E-05	0.001006	0.007017	0.007017	0.007017	0.02846
2069-06-01	43	0.04145	0.04145	0.04145	0.04145	0	2.772	0.05016	0.000891	0.0003828	1.49E-04	1.49E-04	2.772	3.63E-05	3.63E-05	3.63E-05	3.63E-05	0.0008514	0.00594	0.00594	0.00594	0.02409
2069-07-01	43	0.03325	0.03325	0.03325	0.03325	0	2.223	0.04023	0.0007147	0.000307	1.19E-04	1.19E-04	2.223	2.91E-05	2.91E-05	2.91E-05	2.91E-05	0.0006829	0.004765	0.004765	0.004765	0.01932
2069-08-01	43	0.02102	0.02102	0.02102	0.02102	0	1.406	0.02544	0.0004519	0.0001942	7.53E-05	7.53E-05	1.406	1.84E-05	1.84E-05	1.84E-05	1.84E-05	0.0004318	0.003013	0.003013	0.003013	0.01222
2069-09-01	43	0.02492	0.02492	0.02492	0.02492	0	1.667	0.03016	0.0005357	0.0002301	8.93E-05	8.93E-05	1.667	2.18E-05	2.18E-05	2.18E-05	2.18E-05	0.0005119	0.003571	0.003571	0.003571	0.01448
2069-10-01	43	0.01975	0.01975	0.01975	0.01975	0	1.321	0.0239	4.25E-04	1.82E-04	7.08E-05	7.08E-05	1.321	1.73E-05	1.73E-05	1.73E-05	1.73E-05	4.06E-04	0.00283	0.00283	0.00283	0.01148
2069-11-01	43	0.01162	0.01162	0.01162	0.01162	0	0.7773	0.01407	2.50E-04	1.07E-04	4.16E-05	4.16E-05	0.7773	1.02E-05	1.02E-05	1.02E-05	1.02E-05	2.39E-04	0.001666	0.001666	0.001666	0.006755
2069-12-01	43	0.002531	0.002531	0.002531	0.002531	0	0.1693	0.003063	5.44E-05	2.34E-05	9.07E-06	9.07E-06	0.1693	2.22E-06	2.22E-06	2.22E-06	2.22E-06	5.20E-05	0.0003627	0.0003627	0.0003627	0.001471
2070-01-01	44	0.00221	0.00221	0.00221	0.00221	0	0.1478	0.002675	4.75E-05	2.04E-05	7.92E-06	7.92E-06	0.1478	1.94E-06	1.94E-06	1.94E-06	1.94E-06	4.54E-05	0.0003168	0.0003168	0.0003168	0.001285
2070-02-01	44	0.004021	0.004021	0.004021	0.004021	0	0.2689	0.004866	8.64E-05	3.71E-05	1.44E-05	1.44E-05	0.2689	3.52E-06	3.52E-06	3.52E-06	3.52E-06	8.26E-05	0.0005762	0.0005762	0.0005762	0.002337
2070-03-01	44	0.01835	0.01835	0.01835	0.01835	0	1.227	0.0222	0.0003944	0.0001694	6.57E-05	6.57E-05	1.227	1.61E-05	1.61E-05	1.61E-05	1.61E-05	0.0003768	0.002629	0.002629	0.002629	0.01066
2070-04-01	44	0.1073	0.1073	0.1073	0.1073	0	7.176	0.1298	0.002307	0.000991	0.0003844	0.0003844	7.176	9.40E-05	9.40E-05	9.40E-05	9.40E-05	0.002204	0.01538	0.01538	0.01538	0.06236
2070-05-01	44	0.1877	0.1877	0.1877	0.1877	0	12.55	0.2271	0.004035	0.001733	0.0006725	0.0006725	12.55	0.0001644	0.0001644	0.0001644	0.0001644	0.003855	0.0269	0.0269	0.0269	0.1091
2070-06-01	44	0.1589	0.1589	0.1589	0.1589	0	10.63	0.1923	0.003415	0.001467	0.0005692	0.0005692	10.63	1.39E-04	1.39E-04	1.39E-04	1.39E-04	0.003264	0.02277	0.02277	0.02277	0.09234
2070-07-01	44	0.1274	0.1274	0.1274	0.1274	0	8.523	0.1542	0.002739	0.001177	0.0004566	0.0004566	8.523	1.12E-04	1.12E-04	1.12E-04	1.12E-04	0.002618	0.01826	0.01826	0.01826	0.07407
2070-08-01	44	0.08058	0.08058	0.08058	0.08058	0	5.389	0.09752	0.001732	0.0007442	0.0002887	0.0002887	5.389	7.06E-05	7.06E-05	7.06E-05	7.06E-05	0.001655	0.01155	0.01155	0.01155	0.04684
2070-09-01	44	0.09552	0.09552	0.09552	0.09552	0	6.388	0.1156	0.002053	0.0008822	0.0003422	0.0003422	6.388	8.37E-05	8.37E-05	8.37E-05	8.37E-05	0.001962	0.01369	0.01369	0.01369	0.05552
2070-10-01	44	0.0757	0.0757	0.0757	0.0757	0	5.063	0.09161	0.001627	6.99E-04	2.71E-04	2.71E-04	5.063	6.63E-05	6.63E-05	6.63E-05	6.63E-05	0.001555	0.01085	0.01085	0.01085	0.044
2070-11-01	44	0.04455	0.04455	0.04455	0.04455	0	2.98	0.05392	9.58E-04	4.12E-04	1.60E-04	1.60E-04	2.98	3.90E-05	3.90E-05	3.90E-05	3.90E-05	9.15E-04	0.006385	0.006385	0.006385	0.02589
2070-12-01	44	0.0097	0.0097	0.0097	0.0097	0	0.6488	0.01174	0.0002085	8.96E-05	3.48E-05	3.48E-05	0.6488	8.50E-06	8.50E-06	8.50E-06	8.50E-06	0.0001993	0.00139	0.00139	0.00139	0.005638
2071-01-01	45	0.003167	0.003167	0.003167	0.003167	0	0.2118	0.003833	6.81E-05	2.93E-05	1.14E-05	1.14E-05	0.2118	2.77E-06	2.77E-06	2.77E-06	2.77E-06	6.51E-05	0.0004539	0.0004539	0.0004539	0.001841
2071-02-01	45	0.005761	0.005761	0.005761	0.005761	0	0.3853	0.006972	0.0001238	5.32E-05	2.06E-05	2.06E-05	0.3853	5.05E-06	5.05E-06	5.05E-06	5.05E-06	0.0001183	0.0008256	0.0008256	0.0008256	0.003348
2071-03-01	45	0.02628	0.02628	0.02628	0.02628	0	1.758	0.03181	0.000565	0.0002428	9.42E-05	9.42E-05	1.758	2.30E-05	2.30E-05	2.30E-05	2.30E-05	0.0005399	0.003767	0.003767	0.003767	0.01528
2071-04-01	45	0.1537	0.1537	0.1537	0.1537	0	10.28	0.186	0.003305	0.001142	0.0005508	0.0005508	10.28	0.0001346	0.0001346	0.0001346	0.0001346	0.003158	0.02203	0.02203	0.02203	0.08935
2071-05-01	45	0.2689	0.2689	0.2689	0.2689	0	17.99	0.3254	0.005781	0.002484	0.0009635	0.0009635	17.99	0.0002355	0.0002355	0.0002355	0.0002355	0.005524	0.03854	0.03854	0.03854	0.1563
2071-06-01	45	0.2276	0.2276	0.2276	0.2276	0	15.22	0.2755	0.004894	0.002102	0.0008156	0.0008156	15.22	0.0001994	0.0001994	0.0001994	0.0001994	0.004676	0.03262	0.03262	0.03262	0.1323
2071-07-01	45	0.1826	0.1826	0.1826	0.1826	0	12.21	0.221	0.003925	0.001686	0.0006542	0.0006542	12.21	0.0001599	0.0001599	0.0001599	0.0001599	0				

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2074-11-01	48	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2074-12-01	48	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2075-01-01	49	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2075-02-01	49	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2075-03-01	49	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2075-04-01	49	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2075-05-01	49	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2075-06-01	49	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2075-07-01	49	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2075-08-01	49	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2075-09-01	49	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2075-10-01	49	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2075-11-01	49	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2075-12-01	49	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2076-01-01	50	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2076-02-01	50	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2076-03-01	50	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2076-04-01	50	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2076-05-01	50	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2076-06-01	50	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2076-07-01	50	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2076-08-01	50	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2076-09-01	50	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2076-10-01	50	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2076-11-01	50	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2076-12-01	50	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2077-01-01	51	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2077-02-01	51	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2077-03-01	51	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2077-04-01	51	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2077-05-01	51	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2077-06-01	51	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2077-07-01	51	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2077-08-01	51	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2077-09-01	51	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2077-10-01	51	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2077-11-01	51	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2077-12-01	51	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2078-01-01	52	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2078-02-01	52	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2078-03-01	52	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2078-04-01	52	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2078-05-01	52	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2078-06-01	52	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2078-07-01	52	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2078-08-01	52	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2078-09-01	52	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2078-10-01	52	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2078-11-01	52	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.													

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2074-11-01	48	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2074-12-01	48	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2075-01-01	49	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2075-02-01	49	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2075-03-01	49	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2075-04-01	49	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2075-05-01	49	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2075-06-01	49	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2075-07-01	49	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2075-08-01	49	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2075-09-01	49	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2075-10-01	49	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2075-11-01	49	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2075-12-01	49	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2076-01-01	50	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2076-02-01	50	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2076-03-01	50	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2076-04-01	50	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2076-05-01	50	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2076-06-01	50	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2076-07-01	50	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2076-08-01	50	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2076-09-01	50	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2076-10-01	50	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2076-11-01	50	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2076-12-01	50	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2077-01-01	51	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2077-02-01	51	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2077-03-01	51	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2077-04-01	51	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2077-05-01	51	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2077-06-01	51	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2077-07-01	51	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2077-08-01	51	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2077-09-01	51	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2077-10-01	51	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2077-11-01	51	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2077-12-01	51	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2078-01-01	52	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2078-02-01	52	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2078-03-01	52	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2078-04-01	52	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2078-05-01	52	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2081-08-01	55	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2081-09-01	55	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2081-10-01	55	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2081-11-01	55	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2081-12-01	55	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2082-01-01	56	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2082-02-01	56	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2082-03-01	56	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2082-04-01	56	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2082-05-01	56	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2082-06-01	56	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2082-07-01	56	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2082-08-01	56	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2082-09-01	56	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2082-10-01	56	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2082-11-01	56	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2082-12-01	56	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2083-01-01	57	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2083-02-01	57	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2083-03-01	57	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2083-04-01	57	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2083-05-01	57	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2083-06-01	57	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2083-07-01	57	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2083-08-01	57	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2083-09-01	57	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2083-10-01	57	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2083-11-01	57	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2083-12-01	57	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2084-01-01	58	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2084-02-01	58	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2084-03-01	58	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2084-04-01	58	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2084-05-01	58	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2084-06-01	58	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2084-07-01	58	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2084-08-01	58	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2084-09-01	58	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2084-10-01	58	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2084-11-01	58	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2084-12-01	58	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2085-01-01	59	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2085-02-01	59	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2085-03-01	59	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2085-04-01	59	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2085-05-01	59	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2085-06-01	59	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2085-07-01	59	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2085-08-01	59	12.47	14.25	0.0001514	0	0	0.2256	0	0	3													

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2081-08-01	55	0.1864	0.1864	0.2256	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2081-09-01	55	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2081-10-01	55	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2081-11-01	55	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2081-12-01	55	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2082-01-01	56	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2082-02-01	56	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2082-03-01	56	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2082-04-01	56	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2082-05-01	56	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2082-06-01	56	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2082-07-01	56	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2082-08-01	56	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2082-09-01	56	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2082-10-01	56	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2082-11-01	56	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2082-12-01	56	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2083-01-01	57	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2083-02-01	57	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2083-03-01	57	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2083-04-01	57	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2083-05-01	57	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2083-06-01	57	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2083-07-01	57	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2083-08-01	57	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2083-09-01	57	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2083-10-01	57	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2083-11-01	57	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2083-12-01	57	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2084-01-01	58	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2084-02-01	58	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2084-03-01	58	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2084-04-01	58	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2084-05-01	58	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2084-06-01	58	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2084-07-01	58	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2084-08-01	58	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2084-09-01	58	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2084-10-01	58	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2084-11-01	58	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2084-12-01	58	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2085-01-01	59	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2085-02-01	59	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2085-																						

Reclaimed LG East Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2088-05-01	62	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2088-06-01	62	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2088-07-01	62	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2088-08-01	62	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2088-09-01	62	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2088-10-01	62	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2088-11-01	62	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2088-12-01	62	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2089-01-01	63	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2089-02-01	63	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2089-03-01	63	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2089-04-01	63	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2089-05-01	63	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2089-06-01	63	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2089-07-01	63	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2089-08-01	63	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2089-09-01	63	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2089-10-01	63	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2089-11-01	63	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2089-12-01	63	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2090-01-01	64	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2090-02-01	64	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2090-03-01	64	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2090-04-01	64	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2090-05-01	64	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2090-06-01	64	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2090-07-01	64	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2090-08-01	64	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2090-09-01	64	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2090-10-01	64	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2090-11-01	64	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2090-12-01	64	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05					

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2088-05-01	62	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2088-06-01	62	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2088-07-01	62	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2088-08-01	62	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2088-09-01	62	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2088-10-01	62	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2088-11-01	62	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2088-12-01	62	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2089-01-01	63	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2089-02-01	63	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2089-03-01	63	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2089-04-01	63	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2089-05-01	63	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2089-06-01	63	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2089-07-01	63	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2089-08-01	63	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2089-09-01	63	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2089-10-01	63	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2089-11-01	63	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2089-12-01	63	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2090-01-01	64	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2090-02-01	64	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2090-03-01	64	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2090-04-01	64	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2090-05-01	64	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2090-06-01	64	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2090-07-01	64	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2090-08-01	64	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2090-09-01	64	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2090-10-01	64	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2090-11-01	64	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2090-12-01	64	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2091-01-01	65	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2091-02-01	65	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2091-03-01	65	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2091-04-01	65	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2091-05-01	65	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2091-06-01	65	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2091-07-01	65	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2091-08-01	65	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2091-09-01	65	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2091-10-01	65	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2091-11-01	65	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2091-12-01	65	0.02244	0.0224																			

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2095-02-01	69	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2095-03-01	69	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2095-04-01	69	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2095-05-01	69	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2095-06-01	69	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2095-07-01	69	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2095-08-01	69	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2095-09-01	69	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2095-10-01	69	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2095-11-01	69	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2095-12-01	69	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2096-01-01	70	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2096-02-01	70	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2096-03-01	70	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2096-04-01	70	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2096-05-01	70	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2096-06-01	70	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2096-07-01	70	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2096-08-01	70	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2096-09-01	70	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2096-10-01	70	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2096-11-01	70	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2096-12-01	70	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2097-01-01	71	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2097-02-01	71	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2097-03-01	71	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2097-04-01	71	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2097-05-01	71	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2097-06-01	71	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2097-07-01	71	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2097-08-01	71	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2097-09-01	71	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2097-10-01	71	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2097-11-01	71	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2097-12-01	71	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2098-01-01	72	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2098-02-01	72	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2098-03-01	72	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2098-04-01	72	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2098-05-01	72	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2098-06-01	72	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2098-07-01	72	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2098-08-01	72	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2098-09-01	72	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2098-10-01	72	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2098-11-01	72	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2098-12-01	72	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2099-01-01	73	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2099-02-01	73	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.					

Reclaimed LG East Load to Env

Date	Mine Year	Potassium kg/d	Lithium kg/d	Magnesium kg/d	Manganese kg/d	Molybdenum kg/d	Silicon kg/d	Sodium kg/d	Nickel kg/d	Lead kg/d	Antimony kg/d	Selenium kg/d	Tin kg/d	Strontium kg/d	Titanium kg/d	Thallium kg/d	Uranium kg/d	Vanadium kg/d	Tungsten kg/d	Yttrium kg/d	Zinc kg/d	Phosphorous kg/d
2095-02-01	69	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2095-03-01	69	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2095-04-01	69	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2095-05-01	69	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2095-06-01	69	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2095-07-01	69	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2095-08-01	69	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2095-09-01	69	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2095-10-01	69	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2095-11-01	69	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2095-12-01	69	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2096-01-01	70	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2096-02-01	70	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2096-03-01	70	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2096-04-01	70	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2096-05-01	70	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2096-06-01	70	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2096-07-01	70	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2096-08-01	70	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2096-09-01	70	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2096-10-01	70	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2096-11-01	70	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2096-12-01	70	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2097-01-01	71	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2097-02-01	71	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2097-03-01	71	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2097-04-01	71	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2097-05-01	71	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2097-06-01	71	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2097-07-01	71	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2097-08-01	71	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2097-09-01	71	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2097-10-01	71	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2097-11-01	71	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2097-12-01	71	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2098-01-01	72	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2098-02-01	72	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2098-03-01	72	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2098-04-01	72	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2098-05-01	72	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2098-06-01	72	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2098-07-01	72	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2098-08-01	72	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2098-09-01	72	0.221	0.221	0.221	0.221	0	14.78															

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2101-11-01	75	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2101-12-01	75	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2102-01-01	76	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2102-02-01	76	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2102-03-01	76	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2102-04-01	76	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2102-05-01	76	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2102-06-01	76	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2102-07-01	76	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2102-08-01	76	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2102-09-01	76	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2102-10-01	76	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2102-11-01	76	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2102-12-01	76	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2103-01-01	77	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2103-02-01	77	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2103-03-01	77	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2103-04-01	77	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2103-05-01	77	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2103-06-01	77	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2103-07-01	77	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2103-08-01	77	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2103-09-01	77	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2103-10-01	77	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2103-11-01	77	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2103-12-01	77	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2104-01-01	78	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2104-02-01	78	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2104-03-01	78	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2104-04-01	78	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2104-05-01	78	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2104-06-01	78	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2104-07-01	78	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2104-08-01	78	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2104-09-01	78	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2104-10-01	78	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2104-11-01	78	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2104-12-01	78	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2105-01-01	79	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2105-02-01	79	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2105-03-01	79	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2105-04-01	79	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2105-05-01	79	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2105-06-01	79	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2105-07-01	79	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2105-08-01	79	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2105-09-01	79	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2105-10-01	79	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2105-11-01	79	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2													

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2101-11-01	75	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2101-12-01	75	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2102-01-01	76	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2102-02-01	76	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2102-03-01	76	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2102-04-01	76	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2102-05-01	76	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2102-06-01	76	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2102-07-01	76	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2102-08-01	76	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2102-09-01	76	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2102-10-01	76	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2102-11-01	76	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2102-12-01	76	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2103-01-01	77	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2103-02-01	77	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2103-03-01	77	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2103-04-01	77	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2103-05-01	77	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2103-06-01	77	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2103-07-01	77	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2103-08-01	77	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2103-09-01	77	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2103-10-01	77	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2103-11-01	77	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2103-12-01	77	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2104-01-01	78	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2104-02-01	78	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2104-03-01	78	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2104-04-01	78	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2104-05-01	78	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2104-06-01	78	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2104-07-01	78	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2104-08-01	78	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2104-09-01	78	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2104-10-01	78	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2104-11-01	78	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2104-12-01	78	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2105-01-01	79	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2105-02-01	79	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2105-03-01	79	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2105-04-01	79	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2105-05-01	79	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2108-08-01	82	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2108-09-01	82	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2108-10-01	82	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2108-11-01	82	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2108-12-01	82	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2109-01-01	83	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2109-02-01	83	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2109-03-01	83	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2109-04-01	83	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2109-05-01	83	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2109-06-01	83	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2109-07-01	83	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2109-08-01	83	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2109-09-01	83	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2109-10-01	83	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2109-11-01	83	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2109-12-01	83	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2110-01-01	84	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2110-02-01	84	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2110-03-01	84	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2110-04-01	84	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2110-05-01	84	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2110-06-01	84	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2110-07-01	84	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2110-08-01	84	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2110-09-01	84	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2110-10-01	84	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2110-11-01	84	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2110-12-01	84	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2111-01-01	85	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2111-02-01	85	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2111-03-01	85	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2111-04-01	85	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2111-05-01	85	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2111-06-01	85	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2111-07-01	85	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2111-08-01	85	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2111-09-01	85	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2111-10-01	85	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2111-11-01	85	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2111-12-01	85	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2112-01-01	86	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2112-02-01	86	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2112-03-01	86	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2112-04-01	86	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2112-05-01	86	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2112-06-01	86	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2112-07-01	86	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2112-08-01	86	12.47	14.25	0.0001514	0	0	0.2256	0	0	3													

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2108-08-01	82	0.1864	0.1864	0.2256	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.0001633	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2108-09-01	82	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2108-10-01	82	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2108-11-01	82	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2108-12-01	82	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2109-01-01	83	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2109-02-01	83	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2109-03-01	83	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2109-04-01	83	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2109-05-01	83	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2109-06-01	83	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2109-07-01	83	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2109-08-01	83	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2109-09-01	83	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2109-10-01	83	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2109-11-01	83	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2109-12-01	83	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2110-01-01	84	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2110-02-01	84	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2110-03-01	84	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2110-04-01	84	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2110-05-01	84	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2110-06-01	84	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2110-07-01	84	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2110-08-01	84	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2110-09-01	84	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2110-10-01	84	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2110-11-01	84	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2110-12-01	84	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2111-01-01	85	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2111-02-01	85	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2111-03-01	85	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2111-04-01	85	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2111-05-01	85	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2111-06-01	85	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2111-07-01	85	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2111-08-01	85	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2111-09-01	85	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2111-10-01	85	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2111-11-01	85	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2111-12-01	85	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2112-01-01	86	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2112-02-01	86	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
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Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2115-05-01	89	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2115-06-01	89	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2115-07-01	89	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2115-08-01	89	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2115-09-01	89	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2115-10-01	89	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2115-11-01	89	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2115-12-01	89	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2116-01-01	90	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2116-02-01	90	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2116-03-01	90	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2116-04-01	90	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2116-05-01	90	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2116-06-01	90	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2116-07-01	90	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2116-08-01	90	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2116-09-01	90	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2116-10-01	90	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2116-11-01	90	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2116-12-01	90	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2117-01-01	91	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2117-02-01	91	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2117-03-01	91	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2117-04-01	91	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2117-05-01	91	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2117-06-01	91	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2117-07-01	91	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2117-08-01	91	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2117-09-01	91	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2117-10-01	91	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2117-11-01	91	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2117-12-01	91	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2118-01-01	92	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2118-02-01	92	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2118-03-01	92	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2118-04-01	92	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2118-05-01	92	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2118-06-01	92	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2118-07-01	92	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2118-08-01	92	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2118-09-01	92	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2118-10-01	92	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2118-11-01	92	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2118-12-01	92	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2119-01-01	93	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2119-02-01	93	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2119-03-01	93	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2119-04-01	93	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2119-05-01	93	29.04	33.19	0.0003527	0	0	0.5255	0	0	8													

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2115-05-01	89	0.4343	0.4343	0.5255	0.4343	0	29.04	0.009335	0.004011	0.001556	0.0003803	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2115-06-01	89	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2115-07-01	89	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2115-08-01	89	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2115-09-01	89	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2115-10-01	89	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2115-11-01	89	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2115-12-01	89	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2116-01-01	90	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2116-02-01	90	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2116-03-01	90	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2116-04-01	90	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2116-05-01	90	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2116-06-01	90	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2116-07-01	90	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2116-08-01	90	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2116-09-01	90	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2116-10-01	90	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2116-11-01	90	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2116-12-01	90	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2117-01-01	91	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2117-02-01	91	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2117-03-01	91	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2117-04-01	91	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2117-05-01	91	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2117-06-01	91	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2117-07-01	91	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2117-08-01	91	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2117-09-01	91	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2117-10-01	91	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2117-11-01	91	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2117-12-01	91	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2118-01-01	92	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2118-02-01	92	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2118-03-01	92	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2118-04-01	92	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2118-05-01	92	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2118-06-01	92	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2118-07-01	92	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2118-08-01	92	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2118-09-01	92	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2118-10-01	92	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2118-11-01	92	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2118-12-01	92	0.02244																				

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2122-02-01	96	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2122-03-01	96	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2122-04-01	96	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2122-05-01	96	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2122-06-01	96	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2122-07-01	96	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2122-08-01	96	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2122-09-01	96	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2122-10-01	96	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2122-11-01	96	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2122-12-01	96	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2123-01-01	97	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2123-02-01	97	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2123-03-01	97	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2123-04-01	97	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2123-05-01	97	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2123-06-01	97	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2123-07-01	97	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2123-08-01	97	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2123-09-01	97	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2123-10-01	97	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2123-11-01	97	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2123-12-01	97	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2124-01-01	98	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2124-02-01	98	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2124-03-01	98	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2124-04-01	98	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2124-05-01	98	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2124-06-01	98	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2124-07-01	98	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2124-08-01	98	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2124-09-01	98	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2124-10-01	98	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2124-11-01	98	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2124-12-01	98	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2125-01-01	99	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2125-02-01	99	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2125-03-01	99	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2125-04-01	99	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2125-05-01	99	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2125-06-01	99	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2125-07-01	99	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2125-08-01	99	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2125-09-01	99	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2125-10-01	99	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2125-11-01	99	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2125-12-01	99	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2126-01-01	100	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2126-02-01	100	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06						

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2122-02-01	96	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2122-03-01	96	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2122-04-01	96	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2122-05-01	96	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2122-06-01	96	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2122-07-01	96	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2122-08-01	96	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2122-09-01	96	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2122-10-01	96	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2122-11-01	96	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2122-12-01	96	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2123-01-01	97	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2123-02-01	97	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2123-03-01	97	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2123-04-01	97	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2123-05-01	97	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2123-06-01	97	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2123-07-01	97	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2123-08-01	97	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2123-09-01	97	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2123-10-01	97	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2123-11-01	97	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2123-12-01	97	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2124-01-01	98	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2124-02-01	98	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2124-03-01	98	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2124-04-01	98	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2124-05-01	98	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2124-06-01	98	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2124-07-01	98	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2124-08-01	98	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2124-09-01	98	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2124-10-01	98	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2124-11-01	98	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2124-12-01	98	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2125-01-01	99	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2125-02-01	99	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2125-03-01	99	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2125-04-01	99	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2125-05-01	99	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2125-06-01	99	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2125-07-01	99	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2125-08-01	99	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2																						

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2128-11-01	102	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2128-12-01	102	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2129-01-01	103	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2129-02-01	103	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2129-03-01	103	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2129-04-01	103	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2129-05-01	103	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2129-06-01	103	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2129-07-01	103	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2129-08-01	103	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2129-09-01	103	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2129-10-01	103	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2129-11-01	103	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2129-12-01	103	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2130-01-01	104	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2130-02-01	104	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2130-03-01	104	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2130-04-01	104	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2130-05-01	104	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2130-06-01	104	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2130-07-01	104	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2130-08-01	104	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2130-09-01	104	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2130-10-01	104	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2130-11-01	104	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2130-12-01	104	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2131-01-01	105	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2131-02-01	105	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2131-03-01	105	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2131-04-01	105	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2131-05-01	105	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2131-06-01	105	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2131-07-01	105	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2131-08-01	105	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2131-09-01	105	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2131-10-01	105	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2131-11-01	105	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2131-12-01	105	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2132-01-01	106	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2132-02-01	106	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2132-03-01	106	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2132-04-01	106	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2132-05-01	106	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2132-06-01	106	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2132-07-01	106	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2132-08-01	106	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2132-09-01	106	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2132-10-01	106	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2132-11-01	106	6.894	7.879																				

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2128-11-01	102	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2128-12-01	102	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2129-01-01	103	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2129-02-01	103	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2129-03-01	103	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2129-04-01	103	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2129-05-01	103	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2129-06-01	103	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2129-07-01	103	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2129-08-01	103	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2129-09-01	103	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2129-10-01	103	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2129-11-01	103	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2129-12-01	103	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2130-01-01	104	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2130-02-01	104	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2130-03-01	104	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2130-04-01	104	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2130-05-01	104	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2130-06-01	104	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2130-07-01	104	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2130-08-01	104	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2130-09-01	104	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2130-10-01	104	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2130-11-01	104	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2130-12-01	104	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2131-01-01	105	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2131-02-01	105	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2131-03-01	105	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2131-04-01	105	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2131-05-01	105	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2131-06-01	105	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2131-07-01	105	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2131-08-01	105	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2131-09-01	105	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2131-10-01	105	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2131-11-01	105	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2131-12-01	105	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2132-01-01	106	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2132-02-01	106	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2132-03-01	106	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2132-04-01	106	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2132-05-01	106	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.				

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2135-08-01	109	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2135-09-01	109	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2135-10-01	109	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2135-11-01	109	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2135-12-01	109	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2136-01-01	110	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2136-02-01	110	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2136-03-01	110	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2136-04-01	110	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2136-05-01	110	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2136-06-01	110	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2136-07-01	110	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2136-08-01	110	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2136-09-01	110	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2136-10-01	110	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2136-11-01	110	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2136-12-01	110	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2137-01-01	111	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2137-02-01	111	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2137-03-01	111	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2137-04-01	111	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2137-05-01	111	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2137-06-01	111	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2137-07-01	111	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2137-08-01	111	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2137-09-01	111	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2137-10-01	111	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2137-11-01	111	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2137-12-01	111	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2138-01-01	112	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2138-02-01	112	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2138-03-01	112	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2138-04-01	112	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2138-05-01	112	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2138-06-01	112	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2138-07-01	112	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2138-08-01	112	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2138-09-01	112	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2138-10-01	112	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2138-11-01	112	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2138-12-01	112	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2139-01-01	113	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2139-02-01	113	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2139-03-01	113	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2139-04-01	113	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2139-05-01	113	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2139-06-01	113	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2139-07-01	113	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2139-08-01	113	12.47	14.25	0																			

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2135-08-01	109	0.1864	0.1864	0.2256	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2135-09-01	109	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2135-10-01	109	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2135-11-01	109	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2135-12-01	109	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2136-01-01	110	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2136-02-01	110	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2136-03-01	110	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2136-04-01	110	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2136-05-01	110	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2136-06-01	110	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2136-07-01	110	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2136-08-01	110	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2136-09-01	110	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2136-10-01	110	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2136-11-01	110	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2136-12-01	110	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2137-01-01	111	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2137-02-01	111	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2137-03-01	111	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2137-04-01	111	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2137-05-01	111	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2137-06-01	111	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2137-07-01	111	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2137-08-01	111	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2137-09-01	111	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2137-10-01	111	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2137-11-01	111	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2137-12-01	111	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2138-01-01	112	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2138-02-01	112	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2138-03-01	112	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2138-04-01	112	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2138-05-01	112	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2138-06-01	112	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2138-07-01	112	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2138-08-01	112	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2138-09-01	112	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2138-10-01	112	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2138-11-01	112	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2138-12-01	112	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2139-01-01	113	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2139-02-01	113	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.0		

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2142-05-01	116	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2142-06-01	116	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2142-07-01	116	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2142-08-01	116	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2142-09-01	116	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2142-10-01	116	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2142-11-01	116	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2142-12-01	116	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2143-01-01	117	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2143-02-01	117	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2143-03-01	117	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2143-04-01	117	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2143-05-01	117	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2143-06-01	117	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2143-07-01	117	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2143-08-01	117	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2143-09-01	117	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2143-10-01	117	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2143-11-01	117	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2143-12-01	117	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2144-01-01	118	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2144-02-01	118	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2144-03-01	118	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2144-04-01	118	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2144-05-01	118	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2144-06-01	118	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2144-07-01	118	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2144-08-01	118	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2144-09-01	118	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2144-10-01	118	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2144-11-01	118	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2144-12-01	118	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2145-01-01	119	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2145-02-01	119	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2145-03-01	119	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2145-04-01	119	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2145-05-01	119	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2145-06-01	119	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2145-07-01	119	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2145-08-01	119	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2145-09-01	119	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2145-10-01	119	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2145-11-01	119	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2145-12-01	119	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2146-01-01	120	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2146-02-01	120	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2146-03-01	120	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2146-04-01	120	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2146-05-01	120	29.04	33.19	0																			

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2142-05-01	116	0.4343	0.4343	0.5255	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2142-06-01	116	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2142-07-01	116	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2142-08-01	116	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2142-09-01	116	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2142-10-01	116	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2142-11-01	116	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2142-12-01	116	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2143-01-01	117	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2143-02-01	117	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2143-03-01	117	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2143-04-01	117	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2143-05-01	117	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2143-06-01	117	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2143-07-01	117	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2143-08-01	117	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2143-09-01	117	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2143-10-01	117	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2143-11-01	117	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2143-12-01	117	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2144-01-01	118	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2144-02-01	118	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2144-03-01	118	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2144-04-01	118	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2144-05-01	118	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2144-06-01	118	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2144-07-01	118	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2144-08-01	118	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2144-09-01	118	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2144-10-01	118	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2144-11-01	118	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2144-12-01	118	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2145-01-01	119	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2145-02-01	119	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2145-03-01	119	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2145-04-01	119	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2145-05-01	119	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2145-06-01	119	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2145-07-01	119	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2145-08-01	119	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2145-09-01	119	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2145-10-01	119	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2145-11-01	119	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2149-02-01	123	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2149-03-01	123	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2149-04-01	123	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2149-05-01	123	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2149-06-01	123	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2149-07-01	123	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2149-08-01	123	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2149-09-01	123	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2149-10-01	123	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2149-11-01	123	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2149-12-01	123	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2150-01-01	124	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2150-02-01	124	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2150-03-01	124	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2150-04-01	124	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2150-05-01	124	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2150-06-01	124	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2150-07-01	124	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2150-08-01	124	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2150-09-01	124	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2150-10-01	124	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2150-11-01	124	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2150-12-01	124	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2151-01-01	125	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2151-02-01	125	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2151-03-01	125	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2151-04-01	125	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2151-05-01	125	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2151-06-01	125	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2151-07-01	125	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2151-08-01	125	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2151-09-01	125	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2151-10-01	125	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2151-11-01	125	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2151-12-01	125	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2152-01-01	126	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2152-02-01	126	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2152-03-01	126	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2152-04-01	126	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2152-05-01	126	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2152-06-01	126	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2152-07-01	126	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2152-08-01	126	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2152-09-01	126	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2152-10-01	126	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2152-11-01	126	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2152-12-01	126	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2153-01-01	127	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2153-02-01	127	0.6221	0.711																				

Reclaimed LG East Load to Env

Date	Mine Year	Potassium kg/d	Lithium kg/d	Magnesium kg/d	Manganese kg/d	Molybdenum kg/d	Silicon kg/d	Sodium kg/d	Nickel kg/d	Lead kg/d	Antimony kg/d	Selenium kg/d	Tin kg/d	Strontium kg/d	Titanium kg/d	Thallium kg/d	Uranium kg/d	Vanadium kg/d	Tungsten kg/d	Yttrium kg/d	Zinc kg/d	Phosphorous kg/d
2149-02-01	123	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2149-03-01	123	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2149-04-01	123	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2149-05-01	123	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2149-06-01	123	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2149-07-01	123	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2149-08-01	123	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2149-09-01	123	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2149-10-01	123	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2149-11-01	123	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2149-12-01	123	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2150-01-01	124	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2150-02-01	124	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2150-03-01	124	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2150-04-01	124	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2150-05-01	124	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2150-06-01	124	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2150-07-01	124	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2150-08-01	124	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2150-09-01	124	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2150-10-01	124	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2150-11-01	124	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2150-12-01	124	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2151-01-01	125	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2151-02-01	125	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2151-03-01	125	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2151-04-01	125	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2151-05-01	125	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2151-06-01	125	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2151-07-01	125	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2151-08-01	125	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2151-09-01	125	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2151-10-01	125	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2151-11-01	125	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2151-12-01	125	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2152-01-01	126	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2152-02-01	126	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2152-03-01	126	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2152-04-01	126	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2152-05-01	126	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2152-06-01	126	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2152-07-01	126	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2152-08-01	126	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2152-09-01	126	0.221																				

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2155-11-01	129	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2155-12-01	129	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2156-01-01	130	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2156-02-01	130	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2156-03-01	130	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2156-04-01	130	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2156-05-01	130	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2156-06-01	130	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2156-07-01	130	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2156-08-01	130	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2156-09-01	130	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2156-10-01	130	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2156-11-01	130	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2156-12-01	130	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2157-01-01	131	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2157-02-01	131	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2157-03-01	131	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2157-04-01	131	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2157-05-01	131	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2157-06-01	131	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2157-07-01	131	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2157-08-01	131	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2157-09-01	131	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2157-10-01	131	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2157-11-01	131	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2157-12-01	131	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2158-01-01	132	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2158-02-01	132	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2158-03-01	132	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2158-04-01	132	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2158-05-01	132	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2158-06-01	132	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2158-07-01	132	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2158-08-01	132	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2158-09-01	132	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2158-10-01	132	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2158-11-01	132	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2158-12-01	132	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2159-01-01	133	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2159-02-01	133	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2159-03-01	133	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2159-04-01	133	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2159-05-01	133	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2159-06-01	133	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2159-07-01	133	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2159-08-01	133	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2159-09-01	133	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2159-10-01	133	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2159-11-01	133	6.894	7.879																				

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2155-11-01	129	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2155-12-01	129	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2156-01-01	130	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2156-02-01	130	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2156-03-01	130	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2156-04-01	130	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2156-05-01	130	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2156-06-01	130	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2156-07-01	130	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2156-08-01	130	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2156-09-01	130	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2156-10-01	130	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2156-11-01	130	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2156-12-01	130	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2157-01-01	131	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2157-02-01	131	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2157-03-01	131	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2157-04-01	131	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2157-05-01	131	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2157-06-01	131	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2157-07-01	131	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2157-08-01	131	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2157-09-01	131	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2157-10-01	131	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2157-11-01	131	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2157-12-01	131	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2158-01-01	132	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2158-02-01	132	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2158-03-01	132	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2158-04-01	132	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2158-05-01	132	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2158-06-01	132	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2158-07-01	132	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2158-08-01	132	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2158-09-01	132	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2158-10-01	132	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2158-11-01	132	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2158-12-01	132	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2159-01-01	133	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2159-02-01	133	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2159-03-01	133	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2159-04-01	133	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2159-05-01	133	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.				

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2162-08-01	136	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2162-09-01	136	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2162-10-01	136	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2162-11-01	136	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2162-12-01	136	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2163-01-01	137	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2163-02-01	137	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2163-03-01	137	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2163-04-01	137	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2163-05-01	137	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2163-06-01	137	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2163-07-01	137	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2163-08-01	137	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2163-09-01	137	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2163-10-01	137	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2163-11-01	137	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2163-12-01	137	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2164-01-01	138	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2164-02-01	138	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2164-03-01	138	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2164-04-01	138	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2164-05-01	138	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2164-06-01	138	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2164-07-01	138	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2164-08-01	138	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2164-09-01	138	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2164-10-01	138	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2164-11-01	138	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2164-12-01	138	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2165-01-01	139	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2165-02-01	139	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2165-03-01	139	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2165-04-01	139	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2165-05-01	139	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2165-06-01	139	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2165-07-01	139	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2165-08-01	139	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2165-09-01	139	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2165-10-01	139	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2165-11-01	139	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2165-12-01	139	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2166-01-01	140	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2166-02-01	140	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2166-03-01	140	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2166-04-01	140	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2166-05-01	140	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2166-06-01	140	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2166-07-01	140	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2166-08-01	140	12.47	14.25																				

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2162-08-01	136	0.1864	0.1864	0.2256	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.0001633	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2162-09-01	136	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2162-10-01	136	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2162-11-01	136	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2162-12-01	136	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2163-01-01	137	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2163-02-01	137	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2163-03-01	137	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2163-04-01	137	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2163-05-01	137	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2163-06-01	137	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2163-07-01	137	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2163-08-01	137	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2163-09-01	137	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2163-10-01	137	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2163-11-01	137	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2163-12-01	137	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2164-01-01	138	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2164-02-01	138	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2164-03-01	138	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2164-04-01	138	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2164-05-01	138	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2164-06-01	138	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2164-07-01	138	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2164-08-01	138	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2164-09-01	138	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2164-10-01	138	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2164-11-01	138	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2164-12-01	138	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2165-01-01	139	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2165-02-01	139	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2165-03-01	139	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2165-04-01	139	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2165-05-01	139	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2165-06-01	139	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2165-07-01	139	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2165-08-01	139	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2165-09-01	139	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2165-10-01	139	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2165-11-01	139	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2165-12-01	139	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2166-01-01	140	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2166-02-01	140	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.0		

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2169-05-01	143	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2169-06-01	143	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2169-07-01	143	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2169-08-01	143	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2169-09-01	143	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2169-10-01	143	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2169-11-01	143	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2169-12-01	143	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2170-01-01	144	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2170-02-01	144	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2170-03-01	144	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2170-04-01	144	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2170-05-01	144	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2170-06-01	144	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2170-07-01	144	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2170-08-01	144	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2170-09-01	144	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2170-10-01	144	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2170-11-01	144	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2170-12-01	144	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2171-01-01	145	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2171-02-01	145	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2171-03-01	145	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2171-04-01	145	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2171-05-01	145	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2171-06-01	145	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2171-07-01	145	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2171-08-01	145	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2171-09-01	145	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2171-10-01	145	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2171-11-01	145	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2171-12-01	145	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2172-01-01	146	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2172-02-01	146	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2172-03-01	146	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2172-04-01	146	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2172-05-01	146	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2172-06-01	146	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2172-07-01	146	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2172-08-01	146	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2172-09-01	146	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2172-10-01	146	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2172-11-01	146	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2172-12-01	146	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2173-01-01	147	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2173-02-01	147	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2173-03-01	147	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2173-04-01	147	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2173-05-01	147	29.04	33.19																				

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2169-05-01	143	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2169-06-01	143	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2169-07-01	143	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2169-08-01	143	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2169-09-01	143	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2169-10-01	143	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2169-11-01	143	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2169-12-01	143	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2170-01-01	144	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2170-02-01	144	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2170-03-01	144	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2170-04-01	144	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2170-05-01	144	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2170-06-01	144	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2170-07-01	144	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2170-08-01	144	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2170-09-01	144	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2170-10-01	144	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2170-11-01	144	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2170-12-01	144	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2171-01-01	145	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2171-02-01	145	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2171-03-01	145	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2171-04-01	145	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2171-05-01	145	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2171-06-01	145	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2171-07-01	145	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2171-08-01	145	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2171-09-01	145	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2171-10-01	145	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2171-11-01	145	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2171-12-01	145	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2172-01-01	146	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2172-02-01	146	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2172-03-01	146	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2172-04-01	146	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2172-05-01	146	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2172-06-01	146	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2172-07-01	146	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2172-08-01	146	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2172-09-01	146	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2172-10-01	146	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2172-11-01	146	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2176-02-01	150	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2176-03-01	150	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2176-04-01	150	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2176-05-01	150	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2176-06-01	150	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2176-07-01	150	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2176-08-01	150	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2176-09-01	150	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2176-10-01	150	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2176-11-01	150	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2176-12-01	150	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2177-01-01	151	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2177-02-01	151	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2177-03-01	151	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2177-04-01	151	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2177-05-01	151	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2177-06-01	151	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2177-07-01	151	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2177-08-01	151	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2177-09-01	151	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2177-10-01	151	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2177-11-01	151	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2177-12-01	151	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2178-01-01	152	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2178-02-01	152	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2178-03-01	152	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2178-04-01	152	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2178-05-01	152	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2178-06-01	152	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2178-07-01	152	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2178-08-01	152	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2178-09-01	152	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2178-10-01	152	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2178-11-01	152	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2178-12-01	152	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2179-01-01	153	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2179-02-01	153	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2179-03-01	153	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2179-04-01	153	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2179-05-01	153	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2179-06-01	153	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2179-07-01	153	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2179-08-01	153	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2179-09-01	153	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2179-10-01	153	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2179-11-01	153	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2179-12-01	153	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2180-01-01	154	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2180-02-01	154	0.6007	0.6865																				

Reclaimed LG East Load to Env

Date	Mine Year	Potassium kg/d	Lithium kg/d	Magnesium kg/d	Manganese kg/d	Molybdenum kg/d	Silicon kg/d	Sodium kg/d	Nickel kg/d	Lead kg/d	Antimony kg/d	Selenium kg/d	Tin kg/d	Strontium kg/d	Titanium kg/d	Thallium kg/d	Uranium kg/d	Vanadium kg/d	Tungsten kg/d	Yttrium kg/d	Zinc kg/d	Phosphorous kg/d
2176-02-01	150	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2176-03-01	150	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2176-04-01	150	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2176-05-01	150	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2176-06-01	150	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2176-07-01	150	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2176-08-01	150	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2176-09-01	150	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2176-10-01	150	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2176-11-01	150	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2176-12-01	150	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2177-01-01	151	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2177-02-01	151	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2177-03-01	151	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2177-04-01	151	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2177-05-01	151	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2177-06-01	151	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2177-07-01	151	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2177-08-01	151	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2177-09-01	151	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2177-10-01	151	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2177-11-01	151	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2177-12-01	151	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2178-01-01	152	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2178-02-01	152	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2178-03-01	152	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2178-04-01	152	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2178-05-01	152	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2178-06-01	152	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2178-07-01	152	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2178-08-01	152	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2178-09-01	152	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2178-10-01	152	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2178-11-01	152	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2178-12-01	152	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2179-01-01	153	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2179-02-01	153	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2179-03-01	153	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2179-04-01	153	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2179-05-01	153	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2179-06-01	153	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2179-07-01	153	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2179-08-01	153	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2179-09-01	153	0.221																				

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2182-11-01	156	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2182-12-01	156	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2183-01-01	157	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2183-02-01	157	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2183-03-01	157	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2183-04-01	157	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2183-05-01	157	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2183-06-01	157	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2183-07-01	157	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2183-08-01	157	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2183-09-01	157	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2183-10-01	157	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2183-11-01	157	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2183-12-01	157	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2184-01-01	158	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2184-02-01	158	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2184-03-01	158	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2184-04-01	158	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2184-05-01	158	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2184-06-01	158	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2184-07-01	158	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2184-08-01	158	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2184-09-01	158	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2184-10-01	158	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2184-11-01	158	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2184-12-01	158	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2185-01-01	159	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2185-02-01	159	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2185-03-01	159	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2185-04-01	159	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2185-05-01	159	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2185-06-01	159	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2185-07-01	159	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2185-08-01	159	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2185-09-01	159	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2185-10-01	159	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2185-11-01	159	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2185-12-01	159	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2186-01-01	160	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2186-02-01	160	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2186-03-01	160	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2186-04-01	160	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2186-05-01	160	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2186-06-01	160	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2186-07-01	160	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2186-08-01	160	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2186-09-01	160	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2186-10-01	160	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2186-11-01	160	6.894	7.879																				

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2182-11-01	156	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2182-12-01	156	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2183-01-01	157	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2183-02-01	157	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2183-03-01	157	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2183-04-01	157	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2183-05-01	157	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2183-06-01	157	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2183-07-01	157	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2183-08-01	157	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2183-09-01	157	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2183-10-01	157	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2183-11-01	157	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2183-12-01	157	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2184-01-01	158	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2184-02-01	158	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2184-03-01	158	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2184-04-01	158	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2184-05-01	158	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2184-06-01	158	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2184-07-01	158	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2184-08-01	158	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2184-09-01	158	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2184-10-01	158	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2184-11-01	158	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2184-12-01	158	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2185-01-01	159	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2185-02-01	159	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2185-03-01	159	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2185-04-01	159	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2185-05-01	159	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2185-06-01	159	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2185-07-01	159	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2185-08-01	159	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2185-09-01	159	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2185-10-01	159	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2185-11-01	159	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2185-12-01	159	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2186-01-01	160	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2186-02-01	160	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2186-03-01	160	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2186-04-01	160	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2186-05-01	160	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.				

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2189-08-01	163	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2189-09-01	163	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2189-10-01	163	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2189-11-01	163	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2189-12-01	163	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2190-01-01	164	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2190-02-01	164	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2190-03-01	164	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2190-04-01	164	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2190-05-01	164	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2190-06-01	164	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2190-07-01	164	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2190-08-01	164	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2190-09-01	164	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2190-10-01	164	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2190-11-01	164	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2190-12-01	164	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2191-01-01	165	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2191-02-01	165	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2191-03-01	165	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2191-04-01	165	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2191-05-01	165	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2191-06-01	165	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2191-07-01	165	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2191-08-01	165	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2191-09-01	165	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2191-10-01	165	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2191-11-01	165	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2191-12-01	165	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2192-01-01	166	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2192-02-01	166	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2192-03-01	166	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2192-04-01	166	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2192-05-01	166	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2192-06-01	166	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2192-07-01	166	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2192-08-01	166	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2192-09-01	166	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2192-10-01	166	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2192-11-01	166	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2192-12-01	166	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2193-01-01	167	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2193-02-01	167	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2193-03-01	167	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2193-04-01	167	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2193-05-01	167	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2193-06-01	167	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2193-07-01	167	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2193-08-01	167	12.47	14.25	0																			

Reclaimed LG East Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2189-08-01	163	0.1864	0.1864	0.2256	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.0001633	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2189-09-01	163	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2189-10-01	163	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2189-11-01	163	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2189-12-01	163	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2190-01-01	164	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2190-02-01	164	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2190-03-01	164	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2190-04-01	164	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2190-05-01	164	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2190-06-01	164	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2190-07-01	164	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2190-08-01	164	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2190-09-01	164	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2190-10-01	164	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2190-11-01	164	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2190-12-01	164	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2191-01-01	165	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2191-02-01	165	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2191-03-01	165	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2191-04-01	165	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2191-05-01	165	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2191-06-01	165	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2191-07-01	165	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2191-08-01	165	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2191-09-01	165	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2191-10-01	165	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2191-11-01	165	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2191-12-01	165	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2192-01-01	166	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2192-02-01	166	0.008982	0.008982	0.008982	0.008982	0	0.6007	0.01087	0.0001931	8.30E-05	3.22E-05	3.22E-05	0.6007	7.87E-06	7.87E-06	7.87E-06	7.87E-06	0.0001845	0.001287	0.001287	0.001287	0.00522
2192-03-01	166	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2192-04-01	166	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2192-05-01	166	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2192-06-01	166	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2192-07-01	166	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2192-08-01	166	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2192-09-01	166	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2192-10-01	166	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2192-11-01	166	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2192-12-01	166	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2193-01-01	167	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2193-02-01	167	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.0		

Reclaimed LG East Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2196-05-01	170	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2196-06-01	170	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2196-07-01	170	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2196-08-01	170	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2196-09-01	170	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2196-10-01	170	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2196-11-01	170	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2196-12-01	170	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2197-01-01	171	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2197-02-01	171	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2197-03-01	171	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2197-04-01	171	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2197-05-01	171	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2197-06-01	171	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2197-07-01	171	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2197-08-01	171	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2197-09-01	171	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2197-10-01	171	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2197-11-01	171	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2197-12-01	171	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2198-01-01	172	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2198-02-01	172	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2198-03-01	172	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2198-04-01	172	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2198-05-01	172	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2198-06-01	172	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2198-07-01	172	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2198-08-01	172	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2198-09-01	172	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2198-10-01	172	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2198-11-01	172	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2198-12-01	172	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2199-01-01	173	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2199-02-01	173	0.6221	0.711	7.56E-06	0	0	0.01126	0	0	1.89E-06	0.01689	0	0.0001703	0	0	0	7.56E-06	7.56E-06	7.56E-06	5.93E-05	0.0003851	0.0003851	0.1408
2199-03-01	173	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2199-04-01	173	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2199-05-01	173	29.04	33.19	0.0003527	0	0	0.5255	0	0	8.83E-05	0.7883	0	0.007952	0	0	0	0.0003527	0.0003527	0.0003527	0.002766	0.01798	0.01798	6.573
2199-06-01	173	24.59	28.1	0.0002985	0	0	0.4449	0	0	7.48E-05	0.6673	0	0.006732	0	0	0	0.0002985	0.0002985	0.0002985	0.002341	0.01522	0.01522	5.564
2199-07-01	173	19.72	22.54	0.0002394	0	0	0.3568	0	0	6.00E-05	0.5352	0	0.005399	0	0	0	0.0002394	0.0002394	0.0002394	0.001878	0.01221	0.01221	4.463
2199-08-01	173	12.47	14.25	0.0001514	0	0	0.2256	0	0	3.79E-05	0.3385	0	0.003414	0	0	0	0.0001514	0.0001514	0.0001514	0.001188	0.007719	0.007719	2.822
2199-09-01	173	14.78	16.89	1.80E-04	0	0	0.2675	0	0	4.49E-05	0.4012	0	0.004047	0	0	0	1.80E-04	1.80E-04	1.80E-04	0.001408	0.00915	0.00915	3.345
2199-10-01	173	11.71	13.39	1.42E-04	0	0	0.212	0	0	3.56E-05	0.3179	0	0.003207	0	0	0	1.42E-04	1.42E-04	1.42E-04	0.001116	0.007251	0.007251	2.651
2199-11-01	173	6.894	7.879	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	1.89E-03	0	0	0	8.37E-05	8.37E-05	8.37E-05	6.57E-04	0.004268	0.004268	1.56
2199-12-01	173	1.501	1.715	1.82E-05	0	0	0.02716	0	0	4.56E-06	0.04074	0	0.000411	0	0	0	1.82E-05	1.82E-05	1.82E-05	1.43E-04	0.0009292	0.0009292	0.3397
2200-01-01	174	0.3421	0.3909	4.15E-06	0	0	0.006189	0	0	1.04E-06	0.009284	0	9.37E-05	0	0	0	4.15E-06	4.15E-06	4.15E-06	3.26E-05	0.0002117	0.0002117	0.07741
2200-02-01	174	0.6007	0.6865	7.29E-06	0	0	0.01087	0	0	1.83E-06	0.0163	0	0.0001645	0	0	0	7.29E-06	7.29E-06	7.29E-06	5.72E-05	0.0003719	0.0003719	0.1359
2200-03-01	174	2.839	3.244	3.45E-05	0	0	0.05137	0	0	8.63E-06	0.07705	0	0.0007773	0	0	0	3.45E-05	3.45E-05	3.45E-05	0.0002704	0.001757	0.001757	0.6424
2200-04-01	174	16.6	18.97	0.0002016	0	0	0.3004	0	0	5.05E-05	0.4507	0	0.004546	0	0	0	0.0002016	0.0002016	0.0002016	0.001581	0.01028	0.01028	3.757
2200-05-01	174	29.04	33.19	0																			

Reclaimed LG East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	
2196-05-01	170	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2196-06-01	170	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2196-07-01	170	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2196-08-01	170	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2196-09-01	170	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2196-10-01	170	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2196-11-01	170	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2196-12-01	170	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2197-01-01	171	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2197-02-01	171	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2197-03-01	171	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2197-04-01	171	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2197-05-01	171	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2197-06-01	171	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2197-07-01	171	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2197-08-01	171	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2197-09-01	171	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2197-10-01	171	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2197-11-01	171	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2197-12-01	171	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2198-01-01	172	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2198-02-01	172	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2198-03-01	172	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2198-04-01	172	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2198-05-01	172	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2198-06-01	172	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2198-07-01	172	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2198-08-01	172	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2198-09-01	172	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2198-10-01	172	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2198-11-01	172	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04	3.69E-04	3.69E-04	6.894	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.05991
2198-12-01	172	0.02244	0.02244	0.02244	0.02244	0	1.501	0.02716	0.0004825	2.07E-04	8.04E-05	8.04E-05	1.501	1.97E-05	1.97E-05	1.97E-05	1.97E-05	0.000461	0.003217	0.003217	0.003217	0.01304
2199-01-01	173	0.005114	0.005114	0.005114	0.005114	0	0.3421	0.006189	0.0001099	4.72E-05	1.83E-05	1.83E-05	0.3421	4.48E-06	4.48E-06	4.48E-06	4.48E-06	0.0001051	0.000733	0.000733	0.000733	0.002973
2199-02-01	173	0.009303	0.009303	0.009303	0.009303	0	0.6221	0.01126	0.0002	8.59E-05	3.33E-05	3.33E-05	0.6221	8.15E-06	8.15E-06	8.15E-06	8.15E-06	0.0001911	0.001333	0.001333	0.001333	0.005407
2199-03-01	173	0.04245	0.04245	0.04245	0.04245	0	2.839	0.05137	0.0009124	0.000392	0.0001521	0.0001521	2.839	3.72E-05	3.72E-05	3.72E-05	3.72E-05	0.0008719	0.006083	0.006083	0.006083	0.02467
2199-04-01	173	0.2483	0.2483	0.2483	0.2483	0	16.6	0.3004	0.005337	0.002293	0.0008895	0.0008895	16.6	0.0002174	0.0002174	0.0002174	0.0002174	0.0051	0.03558	0.03558	0.03558	0.1443
2199-05-01	173	0.4343	0.4343	0.4343	0.4343	0	29.04	0.5255	0.009335	0.004011	0.001556	0.001556	29.04	0.0003803	0.0003803	0.0003803	0.0003803	0.00892	0.06223	0.06223	0.06223	0.2524
2199-06-01	173	0.3676	0.3676	0.3676	0.3676	0	24.59	0.4449	0.007902	0.003395	0.001317	0.001317	24.59	0.0003219	0.0003219	0.0003219	0.0003219	0.007551	0.05268	0.05268	0.05268	0.2137
2199-07-01	173	0.2949	0.2949	0.2949	0.2949	0	19.72	0.3568	0.006338	0.002723	0.001056	0.001056	19.72	0.0002582	0.0002582	0.0002582	0.0002582	0.006057	0.04226	0.04226	0.04226	0.1714
2199-08-01	173	0.1864	0.1864	0.1864	0.1864	0	12.47	0.2256	0.004008	0.001722	0.000668	0.000668	12.47	0.0001633	0.0001633	0.0001633	0.0001633	0.00383	0.02672	0.02672	0.02672	0.1084
2199-09-01	173	0.221	0.221	0.221	0.221	0	14.78	0.2675	0.004751	0.002041	0.0007918	0.0007918	14.78	1.94E-04	1.94E-04	1.94E-04	1.94E-04	0.00454	0.03167	0.03167	0.03167	0.1284
2199-10-01	173	0.1751	0.1751	0.1751	0.1751	0	11.71	0.212	0.003765	0.001618	6.28E-04	6.28E-04	11.71	1.53E-04	1.53E-04	1.53E-04	1.53E-04	0.003598	0.0251	0.0251	0.0251	0.1018
2199-11-01	173	0.1031	0.1031	0.1031	0.1031	0	6.894	0.1247	0.002216	9.52E-04												

Reclaimed LG West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2068-02-01	42	0.0001746	0.0001995	2.12E-09	0	0	3.16E-06	0	0	5.31E-10	4.74E-06	0	4.78E-08	0	0	0	2.12E-09	2.12E-09	2.12E-09	1.66E-08	1.08E-07	1.08E-07	3.95E-05
2068-03-01	42	0.0008251	0.000943	1.00E-08	0	0	1.49E-05	0	0	2.51E-09	2.24E-05	0	2.26E-07	0	0	0	1.00E-08	1.00E-08	1.00E-08	7.86E-08	5.11E-07	5.11E-07	0.0001867
2068-04-01	42	0.004826	0.005515	5.86E-08	0	0	8.73E-05	0	0	1.47E-08	0.000131	0	1.32E-06	0	0	0	5.86E-08	5.86E-08	5.86E-08	4.60E-07	2.99E-06	2.99E-06	0.001092
2068-05-01	42	0.008442	0.009648	1.03E-07	0	0	1.53E-04	0	0	2.57E-08	0.0002291	0	2.31E-06	0	0	0	1.03E-07	1.03E-07	1.03E-07	8.04E-07	5.23E-06	5.23E-06	0.00191
2068-06-01	42	0.007146	0.008167	8.68E-08	0	0	1.29E-04	0	0	2.17E-08	1.94E-04	0	1.96E-06	0	0	0	8.68E-08	8.68E-08	8.68E-08	6.81E-07	4.42E-06	4.42E-06	0.001617
2068-07-01	42	0.005732	0.00655	6.96E-08	0	0	1.04E-04	0	0	1.74E-08	0.0001556	0	1.57E-06	0	0	0	6.96E-08	6.96E-08	6.96E-08	5.46E-07	3.55E-06	3.55E-06	0.001297
2068-08-01	42	0.003624	0.004142	4.40E-08	0	0	6.56E-05	0	0	1.10E-08	9.84E-05	0	9.92E-07	0	0	0	4.40E-08	4.40E-08	4.40E-08	3.45E-07	2.24E-06	2.24E-06	0.0008202
2068-09-01	42	0.004296	0.00491	5.22E-08	0	0	7.77E-05	0	0	1.31E-08	1.17E-04	0	1.18E-06	0	0	0	5.22E-08	5.22E-08	5.22E-08	4.09E-07	2.66E-06	2.66E-06	0.0009722
2068-10-01	42	0.003405	0.003891	4.13E-08	0	0	6.16E-05	0	0	1.04E-08	9.24E-05	0	9.32E-07	0	0	0	4.13E-08	4.13E-08	4.13E-08	3.24E-07	2.11E-06	2.11E-06	7.71E-04
2068-11-01	42	0.002004	0.00229	2.43E-08	0	0	3.63E-05	0	0	6.09E-09	5.44E-05	0	5.49E-07	0	0	0	2.43E-08	2.43E-08	2.43E-08	1.91E-07	1.24E-06	1.24E-06	0.0004535
2068-12-01	42	0.0004363	0.0004986	5.30E-09	0	0	7.90E-06	0	0	1.33E-09	1.18E-05	0	1.20E-07	0	0	0	5.30E-09	5.30E-09	5.30E-09	4.16E-08	2.70E-07	2.70E-07	9.87E-05
2069-01-01	43	0.1845	0.2109	2.24E-06	0	0	0.003339	0	0	5.61E-07	0.005009	0	5.05E-05	0	0	0	2.24E-06	2.24E-06	2.24E-06	1.76E-05	0.0001142	0.0001142	0.04176
2069-02-01	43	0.3357	0.3836	4.08E-06	0	0	0.006074	0	0	1.02E-06	0.009111	0	9.19E-05	0	0	0	4.08E-06	4.08E-06	4.08E-06	3.20E-05	0.0002078	0.0002078	0.07596
2069-03-01	43	1.532	1.75	1.86E-05	0	0	0.02771	0	0	4.66E-06	0.04157	0	0.0004193	0	0	0	1.86E-05	1.86E-05	1.86E-05	0.0001459	0.0009481	0.0009481	0.3466
2069-04-01	43	8.958	10.24	0.0001088	0	0	0.1621	0	0	2.72E-05	0.2431	0	0.002453	0	0	0	0.0001088	0.0001088	0.0001088	0.0008531	0.005545	0.005545	2.027
2069-05-01	43	15.67	17.91	0.0001903	0	0	0.2835	0	0	4.76E-05	0.4253	0	0.00429	0	0	0	0.0001903	0.0001903	0.0001903	0.001492	0.0097	0.0097	3.546
2069-06-01	43	13.26	15.16	1.61E-04	0	0	0.24	0	0	4.03E-05	0.36	0	0.003632	0	0	0	1.61E-04	1.61E-04	1.61E-04	0.001263	0.008211	0.008211	3.002
2069-07-01	43	10.64	12.16	1.29E-04	0	0	0.1925	0	0	3.24E-05	0.2888	0	0.002913	0	0	0	1.29E-04	1.29E-04	1.29E-04	0.001013	0.006586	0.006586	2.408
2069-08-01	43	6.728	7.689	8.17E-05	0	0	0.1217	0	0	2.05E-05	0.1826	0	0.001842	0	0	0	8.17E-05	8.17E-05	8.17E-05	0.0006407	0.004165	0.004165	1.523
2069-09-01	43	7.974	9.113	9.68E-05	0	0	0.1443	0	0	2.43E-05	0.2164	0	0.002183	0	0	0	9.68E-05	9.68E-05	9.68E-05	0.0007595	0.004936	0.004936	1.805
2069-10-01	43	6.32	7.223	7.67E-05	0	0	0.1144	0	0	1.92E-05	0.1715	0	0.00173	0	0	0	7.67E-05	7.67E-05	7.67E-05	6.02E-04	0.003912	0.003912	1.43
2069-11-01	43	3.719	4.251	4.52E-05	0	0	0.0673	0	0	1.13E-05	0.101	0	0.001018	0	0	0	4.52E-05	4.52E-05	4.52E-05	3.54E-04	0.002302	0.002302	0.8417
2069-12-01	43	0.8098	0.9255	9.83E-06	0	0	0.01465	0	0	2.46E-06	0.02198	0	0.0002217	0	0	0	9.83E-06	9.83E-06	9.83E-06	7.71E-05	0.0005013	0.0005013	0.1833
2070-01-01	44	0.369	0.4217	4.48E-06	0	0	0.006677	0	0	1.12E-06	0.01002	0	0.000101	0	0	0	4.48E-06	4.48E-06	4.48E-06	3.51E-05	0.0002284	0.0002284	0.0835
2070-02-01	44	0.6711	0.767	8.15E-06	0	0	0.01214	0	0	2.04E-06	0.01822	0	0.0001838	0	0	0	8.15E-06	8.15E-06	8.15E-06	6.39E-05	0.0004155	0.0004155	0.1519
2070-03-01	44	3.062	3.5	3.72E-05	0	0	0.05541	0	0	9.31E-06	0.08312	0	0.0008385	0	0	0	3.72E-05	3.72E-05	3.72E-05	0.0002916	0.001896	0.001896	0.693
2070-04-01	44	17.91	20.47	0.0002175	0	0	0.3241	0	0	5.45E-05	0.4861	0	0.004904	0	0	0	0.0002175	0.0002175	0.0002175	0.001706	0.01109	0.01109	4.053
2070-05-01	44	31.33	35.81	0.0003804	0	0	0.5669	0	0	9.53E-05	0.8504	0	0.008578	0	0	0	0.0003804	0.0003804	0.0003804	0.002984	0.01939	0.01939	7.09
2070-06-01	44	26.52	30.31	0.000322	0	0	0.4799	0	0	8.06E-05	0.7199	0	0.007262	0	0	0	0.000322	0.000322	0.000322	0.002526	0.01642	0.01642	6.002
2070-07-01	44	21.27	24.31	0.0002583	0	0	0.3849	0	0	6.47E-05	0.5774	0	0.005824	0	0	0	0.0002583	0.0002583	0.0002583	0.002026	0.01317	0.01317	4.814
2070-08-01	44	13.45	15.37	0.0001633	0	0	0.2434	0	0	4.09E-05	0.3651	0	0.003683	0	0	0	0.0001633	0.0001633	0.0001633	0.001281	0.008327	0.008327	3.044
2070-09-01	44	1																					

Reclaimed LG West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2068-02-01	42	2.61E-06	2.61E-06	2.61E-06	2.61E-06	0	0.0001746	3.16E-06	5.61E-08	2.41E-08	9.35E-09	9.35E-09	0.0001746	2.29E-09	2.29E-09	2.29E-09	2.29E-09	5.36E-08	3.74E-07	3.74E-07	3.74E-07	1.52E-06
2068-03-01	42	1.23E-05	1.23E-05	1.23E-05	1.23E-05	0	0.0008251	1.49E-05	2.65E-07	1.14E-07	4.42E-08	4.42E-08	0.0008251	1.08E-08	1.08E-08	1.08E-08	1.08E-08	2.53E-07	1.77E-06	1.77E-06	1.77E-06	7.17E-06
2068-04-01	42	7.22E-05	7.22E-05	7.22E-05	7.22E-05	0	0.004826	8.73E-05	1.55E-06	6.66E-07	2.59E-07	2.59E-07	0.004826	6.32E-08	6.32E-08	6.32E-08	6.32E-08	1.48E-06	1.03E-05	1.03E-05	1.03E-05	4.19E-05
2068-05-01	42	1.26E-04	1.26E-04	1.26E-04	1.26E-04	0	0.008442	1.53E-04	2.71E-06	1.17E-06	4.52E-07	4.52E-07	0.008442	1.11E-07	1.11E-07	1.11E-07	1.11E-07	2.59E-06	1.81E-05	1.81E-05	1.81E-05	7.34E-05
2068-06-01	42	1.07E-04	1.07E-04	1.07E-04	1.07E-04	0	0.007146	1.29E-04	2.30E-06	9.87E-07	3.83E-07	3.83E-07	0.007146	9.36E-08	9.36E-08	9.36E-08	9.36E-08	2.20E-06	1.53E-05	1.53E-05	1.53E-05	6.21E-05
2068-07-01	42	8.57E-05	8.57E-05	8.57E-05	8.57E-05	0	0.005732	1.04E-04	1.84E-06	7.92E-07	3.07E-07	3.07E-07	0.005732	7.51E-08	7.51E-08	7.51E-08	7.51E-08	1.76E-06	1.23E-05	1.23E-05	1.23E-05	4.98E-05
2068-08-01	42	5.42E-05	5.42E-05	5.42E-05	5.42E-05	0	0.003624	6.56E-05	1.17E-06	5.01E-07	1.94E-07	1.94E-07	0.003624	4.75E-08	4.75E-08	4.75E-08	4.75E-08	1.11E-06	7.77E-06	7.77E-06	7.77E-06	3.15E-05
2068-09-01	42	6.42E-05	6.42E-05	6.42E-05	6.42E-05	0	0.004296	7.77E-05	1.38E-06	5.93E-07	2.30E-07	2.30E-07	0.004296	5.63E-08	5.63E-08	5.63E-08	5.63E-08	1.32E-06	9.21E-06	9.21E-06	9.21E-06	3.73E-05
2068-10-01	42	5.09E-05	5.09E-05	5.09E-05	5.09E-05	0	0.003405	6.16E-05	1.09E-06	4.70E-07	1.82E-07	1.82E-07	0.003405	4.46E-08	4.46E-08	4.46E-08	4.46E-08	1.05E-06	7.30E-06	7.30E-06	7.30E-06	2.96E-05
2068-11-01	42	3.00E-05	3.00E-05	3.00E-05	3.00E-05	0	0.002004	3.63E-05	6.44E-07	2.77E-07	1.07E-07	1.07E-07	0.002004	2.62E-08	2.62E-08	2.62E-08	2.62E-08	6.16E-07	4.29E-06	4.29E-06	4.29E-06	1.74E-05
2068-12-01	42	6.52E-06	6.52E-06	6.52E-06	6.52E-06	0	0.0004363	7.90E-06	1.40E-07	6.03E-08	2.34E-08	2.34E-08	0.0004363	5.71E-09	5.71E-09	5.71E-09	5.71E-09	1.34E-07	9.35E-07	9.35E-07	9.35E-07	3.79E-06
2069-01-01	43	0.002759	0.002759	0.002759	0.002759	0	0.1845	0.003339	5.93E-05	2.55E-05	9.89E-06	9.89E-06	0.1845	2.42E-06	2.42E-06	2.42E-06	2.42E-06	5.67E-05	0.0003954	0.0003954	0.0003954	0.001604
2069-02-01	43	0.005019	0.005019	0.005019	0.005019	0	0.3357	0.006074	0.0001079	4.64E-05	1.80E-05	1.80E-05	0.3357	4.40E-06	4.40E-06	4.40E-06	4.40E-06	0.0001031	0.0007193	0.0007193	0.0007193	0.002917
2069-03-01	43	0.0229	0.0229	0.0229	0.0229	0	1.532	0.02771	0.0004923	0.0002115	8.21E-05	8.21E-05	1.532	2.01E-05	2.01E-05	2.01E-05	2.01E-05	0.0004704	0.003282	0.003282	0.003282	0.01331
2069-04-01	43	0.1339	0.1339	0.1339	0.1339	0	8.958	0.1621	0.002879	0.001237	0.0004799	0.0004799	8.958	0.0001173	0.0001173	0.0001173	0.0001173	0.002751	0.01919	0.01919	0.01919	0.07785
2069-05-01	43	0.2343	0.2343	0.2343	0.2343	0	15.67	0.2835	0.005037	0.002164	0.0008394	0.0008394	15.67	0.0002052	0.0002052	0.0002052	0.0002052	0.004813	0.03358	0.03358	0.03358	0.1362
2069-06-01	43	0.1983	0.1983	0.1983	0.1983	0	13.26	0.24	0.004263	0.001832	0.0007106	0.0007106	13.26	1.74E-04	1.74E-04	1.74E-04	1.74E-04	0.004074	0.02842	0.02842	0.02842	0.1153
2069-07-01	43	0.1591	0.1591	0.1591	0.1591	0	10.64	0.1925	0.00342	0.001469	0.0005699	0.0005699	10.64	0.0001393	0.0001393	0.0001393	0.0001393	0.003268	0.0228	0.0228	0.0228	0.09246
2069-08-01	43	0.1006	0.1006	0.1006	0.1006	0	6.728	0.1217	0.002162	0.000929	0.0003604	0.0003604	6.728	8.81E-05	8.81E-05	8.81E-05	8.81E-05	0.002066	0.01442	0.01442	0.01442	0.05847
2069-09-01	43	0.1192	0.1192	0.1192	0.1192	0	7.974	0.1443	0.002563	0.001101	0.0004272	0.0004272	7.974	1.04E-04	1.04E-04	1.04E-04	1.04E-04	0.002449	0.01709	0.01709	0.01709	0.0693
2069-10-01	43	0.0945	0.0945	0.0945	0.0945	0	6.32	0.1144	0.002031	0.0008727	3.39E-04	3.39E-04	6.32	8.28E-05	8.28E-05	8.28E-05	8.28E-05	0.001941	0.01354	0.01354	0.01354	0.05492
2069-11-01	43	0.05561	0.05561	0.05561	0.05561	0	3.719	0.0673	0.001196	5.14E-04	1.99E-04	1.99E-04	3.719	4.87E-05	4.87E-05	4.87E-05	4.87E-05	0.001142	0.00797	0.00797	0.00797	0.03232
2069-12-01	43	0.01211	0.01211	0.01211	0.01211	0	0.8098	0.01465	0.0002603	1.12E-04	4.34E-05	4.34E-05	0.8098	1.06E-05	1.06E-05	1.06E-05	1.06E-05	0.0002487	0.001735	0.001735	0.001735	0.007038
2070-01-01	44	0.005517	0.005517	0.005517	0.005517	0	0.369	0.006677	0.0001186	5.10E-05	1.98E-05	1.98E-05	0.369	4.83E-06	4.83E-06	4.83E-06	4.83E-06	0.0001133	0.0007907	0.0007907	0.0007907	0.003207
2070-02-01	44	0.01004	0.01004	0.01004	0.01004	0	0.6711	0.01214	0.0002157	9.27E-05	3.60E-05	3.60E-05	0.6711	8.79E-06	8.79E-06	8.79E-06	8.79E-06	0.0002061	0.001438	0.001438	0.001438	0.005833
2070-03-01	44	0.04579	0.04579	0.04579	0.04579	0	3.062	0.05541	0.0009843	0.0004229	0.000164	0.000164	3.062	4.01E-05	4.01E-05	4.01E-05	4.01E-05	0.0009405	0.006562	0.006562	0.006562	0.02661
2070-04-01	44	0.2678	0.2678	0.2678	0.2678	0	17.91	0.3241	0.005757	0.002473	0.0009595	0.0009595	17.91	0.0002345	0.0002345	0.0002345	0.0002345	0.005501	0.03838	0.03838	0.03838	0.1557
2070-05-01	44	0.4685	0.4685	0.4685	0.4685	0	31.33	0.5669	0.01007													

Reclaimed LG West Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2074-11-01	48	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2074-12-01	48	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2075-01-01	49	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2075-02-01	49	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2075-03-01	49	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2075-04-01	49	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2075-05-01	49	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2075-06-01	49	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2075-07-01	49	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2075-08-01	49	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2075-09-01	49	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2075-10-01	49	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2075-11-01	49	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2075-12-01	49	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2076-01-01	50	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2076-02-01	50	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2076-03-01	50	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2076-04-01	50	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2076-05-01	50	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2076-06-01	50	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2076-07-01	50	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2076-08-01	50	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2076-09-01	50	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2076-10-01	50	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2076-11-01	50	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2076-12-01	50	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2077-01-01	51	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2077-02-01	51	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2077-03-01	51	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2077-04-01	51	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2077-05-01	51	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2077-06-01	51	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2077-07-01	51	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2077-08-01	51	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2077-09-01	51	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2077-10-01	51	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2077-11-01	51	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2077-12-01	51	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2078-01-01	52	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2078-02-01	52	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2078-03-01	52	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2078-04-01	52	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2078-05-01	52	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2078-06-01	52	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2078-07-01	52	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2078-08-01	52	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2078-09-01	52	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2078-10-01	52	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2078-11-01	52	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2078-12-01	52																						

Reclaimed LG West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2074-11-01	48	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2074-12-01	48	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2075-01-01	49	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2075-02-01	49	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2075-03-01	49	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2075-04-01	49	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2075-05-01	49	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2075-06-01	49	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2075-07-01	49	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2075-08-01	49	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2075-09-01	49	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2075-10-01	49	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2075-11-01	49	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2075-12-01	49	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2076-01-01	50	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2076-02-01	50	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2076-03-01	50	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2076-04-01	50	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2076-05-01	50	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2076-06-01	50	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2076-07-01	50	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2076-08-01	50	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2076-09-01	50	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2076-10-01	50	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2076-11-01	50	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2076-12-01	50	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2077-01-01	51	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2077-02-01	51	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2077-03-01	51	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108														

Reclaimed LG West Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2081-08-01	55	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2081-09-01	55	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2081-10-01	55	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2081-11-01	55	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2081-12-01	55	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2082-01-01	56	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2082-02-01	56	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2082-03-01	56	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2082-04-01	56	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2082-05-01	56	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2082-06-01	56	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2082-07-01	56	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2082-08-01	56	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2082-09-01	56	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2082-10-01	56	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2082-11-01	56	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2082-12-01	56	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2083-01-01	57	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2083-02-01	57	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2083-03-01	57	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2083-04-01	57	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2083-05-01	57	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2083-06-01	57	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2083-07-01	57	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2083-08-01	57	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2083-09-01	57	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2083-10-01	57	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2083-11-01	57	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2083-12-01	57	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2084-01-01	58	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2084-02-01	58	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2084-03-01	58	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2084-04-01	58	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2084-05-01	58	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2084-06-01	58	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2084-07-01	58	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2084-08-01	58	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2084-09-01	58	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2084-10-01	58	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2084-11-01	58	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2084-12-01	58	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2085-01-01	59	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2085-02-01	59	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2085-03-01	59	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2085-04-01	59	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2085-05-01	59	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2085-06-01	59	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2085-07-01	59	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2085-08-01	59	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.00				

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2081-08-01	55	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2081-09-01	55	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2081-10-01	55	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2081-11-01	55	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2081-12-01	55	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2082-01-01	56	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2082-02-01	56	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2082-03-01	56	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2082-04-01	56	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2082-05-01	56	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2082-06-01	56	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2082-07-01	56	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2082-08-01	56	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2082-09-01	56	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2082-10-01	56	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2082-11-01	56	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2082-12-01	56	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2083-01-01	57	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2083-02-01	57	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2083-03-01	57	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2083-04-01	57	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2083-05-01	57	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2083-06-01	57	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2083-07-01	57	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2083-08-01	57	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2083-09-01	57	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2083-10-01	57	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2083-11-01	57	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2083-12-01	57	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2084-01-01	58	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2084-02-01	58	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2084-03-01	58	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2084-04-01	58	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2084-05-01	58	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2084-06-01	58	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2084-07-01	58	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2084-08-01	58	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2084-09-01	58	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2084-10-01	58	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2084-11-01	58	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2084-12-01	58	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2085-01-01	59	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2085-02-01	59	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2085-03-01	59	0.09156	0.09156	0.09156	0.09156	0	6.124	0.11														

Reclaimed LG West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2088-05-01	62	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2088-06-01	62	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2088-07-01	62	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2088-08-01	62	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2088-09-01	62	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2088-10-01	62	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2088-11-01	62	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2088-12-01	62	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2089-01-01	63	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2089-02-01	63	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2089-03-01	63	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2089-04-01	63	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2089-05-01	63	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2089-06-01	63	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2089-07-01	63	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2089-08-01	63	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2089-09-01	63	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2089-10-01	63	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2089-11-01	63	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2089-12-01	63	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2090-01-01	64	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2090-02-01	64	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2090-03-01	64	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2090-04-01	64	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2090-05-01	64	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2090-06-01	64	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2090-07-01	64	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2090-08-01	64	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2090-09-01	64	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2090-10-01	64	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2090-11-01	64	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2090-12-01	64	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0								

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2088-05-01	62	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2088-06-01	62	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2088-07-01	62	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2088-08-01	62	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2088-09-01	62	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2088-10-01	62	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2088-11-01	62	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2088-12-01	62	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2089-01-01	63	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2089-02-01	63	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2089-03-01	63	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2089-04-01	63	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2089-05-01	63	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2089-06-01	63	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2089-07-01	63	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2089-08-01	63	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2089-09-01	63	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2089-10-01	63	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2089-11-01	63	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2089-12-01	63	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2090-01-01	64	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2090-02-01	64	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2090-03-01	64	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2090-04-01	64	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2090-05-01	64	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2090-06-01	64	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2090-07-01	64	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2090-08-01	64	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2090-09-01	64	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2090-10-01	64	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2090-11-01	64	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2090-12-01	64	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2091-01-01	65	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2091-02-01	65	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2091-03-01	65	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2091-04-01	65	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2091-05-01	65	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2091-06-01	65	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2091-07-01	65	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2091-08-01	65	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2091-09-01	65	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2091-10-01	65	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2091-11-01	65	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2091-12-01	65	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-0											

Reclaimed LG West Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2095-02-01	69	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2095-03-01	69	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2095-04-01	69	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2095-05-01	69	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2095-06-01	69	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2095-07-01	69	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2095-08-01	69	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2095-09-01	69	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2095-10-01	69	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2095-11-01	69	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2095-12-01	69	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2096-01-01	70	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2096-02-01	70	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2096-03-01	70	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2096-04-01	70	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2096-05-01	70	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2096-06-01	70	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2096-07-01	70	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2096-08-01	70	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2096-09-01	70	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2096-10-01	70	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2096-11-01	70	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2096-12-01	70	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2097-01-01	71	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2097-02-01	71	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2097-03-01	71	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2097-04-01	71	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2097-05-01	71	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2097-06-01	71	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2097-07-01	71	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2097-08-01	71	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2097-09-01	71	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2097-10-01	71	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2097-11-01	71	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2097-12-01	71	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2098-01-01	72	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2098-02-01	72	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2098-03-01	72	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2098-04-01	72	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2098-05-01	72	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2098-06-01	72	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2098-07-01	72	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2098-08-01	72	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2098-09-01	72	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2098-10-01	72	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2098-11-01	72	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2098-12-01	72	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2099-01-01	73	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2099-02-01	73	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2099-03-01</																							

Reclaimed LG West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2095-02-01	69	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2095-03-01	69	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2095-04-01	69	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2095-05-01	69	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2095-06-01	69	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2095-07-01	69	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2095-08-01	69	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2095-09-01	69	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2095-10-01	69	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2095-11-01	69	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2095-12-01	69	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2096-01-01	70	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2096-02-01	70	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2096-03-01	70	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2096-04-01	70	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2096-05-01	70	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2096-06-01	70	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2096-07-01	70	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2096-08-01	70	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2096-09-01	70	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2096-10-01	70	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2096-11-01	70	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2096-12-01	70	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2097-01-01	71	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2097-02-01	71	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2097-03-01	71	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2097-04-01	71	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2097-05-01	71	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2097-06-01	71	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.0											

Reclaimed LG West Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2101-11-01	75	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2101-12-01	75	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2102-01-01	76	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2102-02-01	76	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2102-03-01	76	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2102-04-01	76	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2102-05-01	76	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2102-06-01	76	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2102-07-01	76	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2102-08-01	76	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2102-09-01	76	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2102-10-01	76	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2102-11-01	76	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2102-12-01	76	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2103-01-01	77	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2103-02-01	77	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2103-03-01	77	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2103-04-01	77	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2103-05-01	77	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2103-06-01	77	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2103-07-01	77	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2103-08-01	77	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2103-09-01	77	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2103-10-01	77	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2103-11-01	77	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2103-12-01	77	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2104-01-01	78	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2104-02-01	78	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2104-03-01	78	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2104-04-01	78	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2104-05-01	78	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2104-06-01	78	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2104-07-01	78	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2104-08-01	78	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2104-09-01	78	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2104-10-01	78	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2104-11-01	78	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2104-12-01	78	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2105-01-01	79	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2105-02-01	79	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2105-03-01	79	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2105-04-01	79	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2105-05-01	79	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2105-06-01	79	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2105-07-01	79	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2105-08-01	79	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2105-09-01	79	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2105-10-01	79	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2105-11-01	79	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2105-12-01	79																						

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2101-11-01	75	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2101-12-01	75	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2102-01-01	76	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2102-02-01	76	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2102-03-01	76	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2102-04-01	76	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2102-05-01	76	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2102-06-01	76	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2102-07-01	76	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2102-08-01	76	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2102-09-01	76	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2102-10-01	76	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2102-11-01	76	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2102-12-01	76	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2103-01-01	77	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2103-02-01	77	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2103-03-01	77	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2103-04-01	77	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2103-05-01	77	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2103-06-01	77	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2103-07-01	77	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2103-08-01	77	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2103-09-01	77	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2103-10-01	77	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2103-11-01	77	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2103-12-01	77	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2104-01-01	78	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2104-02-01	78	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2104-03-01	78	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2104-04-01	78	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2104-05-01	78	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2104-06-01	78	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2104-07-01	78	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2104-08-01	78	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2104-09-01	78	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2104-10-01	78	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2104-11-01	78	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2104-12-01	78	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2105-01-01	79	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2105-02-01	79	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2105-03-01	79	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2105-04-01	79	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2105-05-01	79	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2105-06-01	79	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.0													

Reclaimed LG West Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2108-08-01	82	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2108-09-01	82	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2108-10-01	82	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2108-11-01	82	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2108-12-01	82	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2109-01-01	83	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2109-02-01	83	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2109-03-01	83	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2109-04-01	83	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2109-05-01	83	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2109-06-01	83	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2109-07-01	83	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2109-08-01	83	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2109-09-01	83	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2109-10-01	83	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2109-11-01	83	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2109-12-01	83	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2110-01-01	84	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2110-02-01	84	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2110-03-01	84	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2110-04-01	84	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2110-05-01	84	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2110-06-01	84	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2110-07-01	84	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2110-08-01	84	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2110-09-01	84	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2110-10-01	84	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2110-11-01	84	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2110-12-01	84	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2111-01-01	85	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2111-02-01	85	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2111-03-01	85	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2111-04-01	85	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2111-05-01	85	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2111-06-01	85	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2111-07-01	85	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2111-08-01	85	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2111-09-01	85	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2111-10-01	85	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2111-11-01	85	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2111-12-01	85	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2112-01-01	86	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2112-02-01	86	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2112-03-01	86	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2112-04-01	86	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2112-05-01	86	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2112-06-01	86	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2112-07-01	86	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2112-08-01	86	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.00				

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2108-08-01	82	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2108-09-01	82	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2108-10-01	82	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2108-11-01	82	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2108-12-01	82	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2109-01-01	83	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2109-02-01	83	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2109-03-01	83	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2109-04-01	83	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2109-05-01	83	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2109-06-01	83	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2109-07-01	83	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2109-08-01	83	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2109-09-01	83	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2109-10-01	83	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2109-11-01	83	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2109-12-01	83	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2110-01-01	84	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2110-02-01	84	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2110-03-01	84	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2110-04-01	84	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2110-05-01	84	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2110-06-01	84	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2110-07-01	84	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2110-08-01	84	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2110-09-01	84	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2110-10-01	84	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2110-11-01	84	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2110-12-01	84	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2111-01-01	85	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2111-02-01	85	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2111-03-01	85	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2111-04-01	85	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2111-05-01	85	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2111-06-01	85	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2111-07-01	85	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2111-08-01	85	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2111-09-01	85	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2111-10-01	85	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2111-11-01	85	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2111-12-01	85	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2112-01-01	86	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2112-02-01	86	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2112-03-01	86	0.09156	0.09156	0.09156	0.09156	0	6.124	0.11														

Reclaimed LG West Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2115-05-01	89	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2115-06-01	89	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2115-07-01	89	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2115-08-01	89	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2115-09-01	89	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2115-10-01	89	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2115-11-01	89	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2115-12-01	89	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2116-01-01	90	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2116-02-01	90	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2116-03-01	90	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2116-04-01	90	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2116-05-01	90	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2116-06-01	90	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2116-07-01	90	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2116-08-01	90	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2116-09-01	90	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2116-10-01	90	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2116-11-01	90	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2116-12-01	90	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2117-01-01	91	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2117-02-01	91	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2117-03-01	91	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2117-04-01	91	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2117-05-01	91	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2117-06-01	91	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2117-07-01	91	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2117-08-01	91	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2117-09-01	91	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2117-10-01	91	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2117-11-01	91	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2117-12-01	91	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2118-01-01	92	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2118-02-01	92	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2118-03-01	92	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2118-04-01	92	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2118-05-01	92	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2118-06-01	92	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2118-07-01	92	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2118-08-01	92	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2118-09-01	92	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2118-10-01	92	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2118-11-01	92	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2118-12-01	92	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2119-01-01	93	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2119-02-01	93	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2119-03-01	93	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2119-04-01	93	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2119-05-01	93	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2119-06-01	93																						

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2115-05-01	89	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2115-06-01	89	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2115-07-01	89	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2115-08-01	89	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2115-09-01	89	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2115-10-01	89	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2115-11-01	89	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2115-12-01	89	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2116-01-01	90	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2116-02-01	90	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2116-03-01	90	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2116-04-01	90	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2116-05-01	90	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2116-06-01	90	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2116-07-01	90	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2116-08-01	90	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2116-09-01	90	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2116-10-01	90	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2116-11-01	90	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2116-12-01	90	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2117-01-01	91	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2117-02-01	91	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2117-03-01	91	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2117-04-01	91	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2117-05-01	91	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2117-06-01	91	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2117-07-01	91	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2117-08-01	91	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2117-09-01	91	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2117-10-01	91	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2117-11-01	91	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2117-12-01	91	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2118-01-01	92	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2118-02-01	92	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2118-03-01	92	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2118-04-01	92	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2118-05-01	92	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2118-06-01	92	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2118-07-01	92	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2118-08-01	92	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2118-09-01	92	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2118-10-01	92	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2118-11-01	92	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2118-12-01	92	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04											

Reclaimed LG West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2122-02-01	96	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2122-03-01	96	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2122-04-01	96	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2122-05-01	96	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2122-06-01	96	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2122-07-01	96	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2122-08-01	96	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2122-09-01	96	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2122-10-01	96	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2122-11-01	96	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2122-12-01	96	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2123-01-01	97	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2123-02-01	97	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2123-03-01	97	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2123-04-01	97	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2123-05-01	97	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2123-06-01	97	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2123-07-01	97	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2123-08-01	97	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2123-09-01	97	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2123-10-01	97	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2123-11-01	97	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2123-12-01	97	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2124-01-01	98	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2124-02-01	98	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2124-03-01	98	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2124-04-01	98	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2124-05-01	98	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2124-06-01	98	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2124-07-01	98	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2124-08-01	98	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2124-09-01	98	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037			

Reclaimed LG West Load to Env

Date	Mine Year	Potassium kg/d	Lithium kg/d	Magnesium kg/d	Manganese kg/d	Molybdenum kg/d	Silicon kg/d	Sodium kg/d	Nickel kg/d	Lead kg/d	Antimony kg/d	Selenium kg/d	Tin kg/d	Strontium kg/d	Titanium kg/d	Thallium kg/d	Uranium kg/d	Vanadium kg/d	Tungsten kg/d	Yttrium kg/d	Zinc kg/d	Phosphorous kg/d
2122-02-01	96	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2122-03-01	96	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2122-04-01	96	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2122-05-01	96	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2122-06-01	96	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2122-07-01	96	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2122-08-01	96	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2122-09-01	96	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2122-10-01	96	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2122-11-01	96	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2122-12-01	96	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2123-01-01	97	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2123-02-01	97	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2123-03-01	97	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2123-04-01	97	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2123-05-01	97	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2123-06-01	97	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2123-07-01	97	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2123-08-01	97	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2123-09-01	97	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2123-10-01	97	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2123-11-01	97	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2123-12-01	97	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2124-01-01	98	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2124-02-01	98	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2124-03-01	98	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2124-04-01	98	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2124-05-01	98	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2124-06-01	98	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2124-07-01	98	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2124-08-01	98	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2124-09-01	98	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2124-10-01	98	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2124-11-01	98	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2124-12-01	98	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2125-01-01	99	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2125-02-01	99	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2125-03-01	99	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2125-04-01	99	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2125-05-01	99	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2125-06-01	99	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2125-07-01	99	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2125-08-01	99	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2125-09-01	99	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175						

Reclaimed LG West Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2128-11-01	102	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2128-12-01	102	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2129-01-01	103	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2129-02-01	103	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2129-03-01	103	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2129-04-01	103	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2129-05-01	103	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2129-06-01	103	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2129-07-01	103	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2129-08-01	103	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2129-09-01	103	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2129-10-01	103	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2129-11-01	103	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2129-12-01	103	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2130-01-01	104	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2130-02-01	104	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2130-03-01	104	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2130-04-01	104	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2130-05-01	104	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2130-06-01	104	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2130-07-01	104	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2130-08-01	104	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2130-09-01	104	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2130-10-01	104	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2130-11-01	104	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2130-12-01	104	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2131-01-01	105	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2131-02-01	105	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2131-03-01	105	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2131-04-01	105	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2131-05-01	105	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2131-06-01	105	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2131-07-01	105	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2131-08-01	105	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2131-09-01	105	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2131-10-01	105	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2131-11-01	105	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2131-12-01	105	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2132-01-01	106	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2132-02-01	106	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2132-03-01	106	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2132-04-01	106	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2132-05-01	106	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2132-06-01	106	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2132-07-01	106	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2132-08-01	106	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2132-09-01	106	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2132-10-01	106	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2132-11-01	106	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206		

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2128-11-01	102	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2128-12-01	102	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2129-01-01	103	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2129-02-01	103	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2129-03-01	103	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2129-04-01	103	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2129-05-01	103	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2129-06-01	103	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2129-07-01	103	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2129-08-01	103	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2129-09-01	103	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2129-10-01	103	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2129-11-01	103	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2129-12-01	103	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2130-01-01	104	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2130-02-01	104	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2130-03-01	104	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2130-04-01	104	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2130-05-01	104	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2130-06-01	104	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2130-07-01	104	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2130-08-01	104	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2130-09-01	104	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2130-10-01	104	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2130-11-01	104	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2130-12-01	104	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2131-01-01	105	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2131-02-01	105	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2131-03-01	105	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2131-04-01	105	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2131-05-01	105	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2131-06-01	105	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2131-07-01	105	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2131-08-01	105	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2131-09-01	105	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2131-10-01	105	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2131-11-01	105	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2131-12-01	105	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2132-01-01	106	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2132-02-01	106	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2132-03-01	106	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2132-04-01	106	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2132-05-01	106	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2132-06-01	106	0.793	0.793	0.79																		

Reclaimed LG West Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2135-08-01	109	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2135-09-01	109	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2135-10-01	109	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2135-11-01	109	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2135-12-01	109	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2136-01-01	110	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2136-02-01	110	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2136-03-01	110	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2136-04-01	110	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2136-05-01	110	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2136-06-01	110	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2136-07-01	110	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2136-08-01	110	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2136-09-01	110	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2136-10-01	110	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2136-11-01	110	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2136-12-01	110	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2137-01-01	111	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2137-02-01	111	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2137-03-01	111	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2137-04-01	111	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2137-05-01	111	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2137-06-01	111	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2137-07-01	111	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2137-08-01	111	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2137-09-01	111	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2137-10-01	111	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2137-11-01	111	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2137-12-01	111	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2138-01-01	112	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2138-02-01	112	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2138-03-01	112	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2138-04-01	112	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2138-05-01	112	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2138-06-01	112	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2138-07-01	112	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2138-08-01	112	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2138-09-01	112	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2138-10-01	112	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2138-11-01	112	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2138-12-01	112	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2139-01-01	113	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2139-02-01	113	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2139-03-01	113	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2139-04-01	113	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2139-05-01	113	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2139-06-01	113	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2139-07-01	113	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2139-08-01	113	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.0166		

Reclaimed LG West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2135-08-01	109	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2135-09-01	109	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2135-10-01	109	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2135-11-01	109	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2135-12-01	109	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2136-01-01	110	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2136-02-01	110	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2136-03-01	110	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2136-04-01	110	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2136-05-01	110	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2136-06-01	110	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2136-07-01	110	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2136-08-01	110	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2136-09-01	110	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2136-10-01	110	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2136-11-01	110	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2136-12-01	110	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2137-01-01	111	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2137-02-01	111	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2137-03-01	111	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2137-04-01	111	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2137-05-01	111	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2137-06-01	111	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2137-07-01	111	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2137-08-01	111	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2137-09-01	111	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2137-10-01	111	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2137-11-01	111	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2137-12-01	111	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2138-01-01	112	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2138-02-01	112	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2138-03-01	112	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2138-04-01	112	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2138-05-01	112	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2138-06-01	112	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2138-07-01	112	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2138-08-01	112	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2138-09-01	112	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2138-10-01	112	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2138-11-01	112	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2138-12-01	112	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2139-01-01	113	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2139-02-01	113	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05								

Reclaimed LG West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2142-05-01	116	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2142-06-01	116	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2142-07-01	116	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2142-08-01	116	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2142-09-01	116	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2142-10-01	116	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2142-11-01	116	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2142-12-01	116	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2143-01-01	117	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2143-02-01	117	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2143-03-01	117	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2143-04-01	117	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2143-05-01	117	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2143-06-01	117	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2143-07-01	117	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2143-08-01	117	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2143-09-01	117	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2143-10-01	117	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2143-11-01	117	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2143-12-01	117	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2144-01-01	118	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2144-02-01	118	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2144-03-01	118	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2144-04-01	118	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2144-05-01	118	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2144-06-01	118	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2144-07-01	118	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2144-08-01	118	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2144-09-01	118	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2144-10-01	118	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2144-11-01	118	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2144-12-01	118	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789</												

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2142-05-01	116	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2142-06-01	116	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2142-07-01	116	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2142-08-01	116	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2142-09-01	116	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2142-10-01	116	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2142-11-01	116	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2142-12-01	116	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2143-01-01	117	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2143-02-01	117	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2143-03-01	117	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2143-04-01	117	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2143-05-01	117	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2143-06-01	117	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2143-07-01	117	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2143-08-01	117	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2143-09-01	117	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2143-10-01	117	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2143-11-01	117	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2143-12-01	117	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2144-01-01	118	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2144-02-01	118	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2144-03-01	118	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2144-04-01	118	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2144-05-01	118	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2144-06-01	118	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2144-07-01	118	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2144-08-01	118	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2144-09-01	118	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2144-10-01	118	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2144-11-01	118	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2144-12-01	118	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2145-01-01	119	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2145-02-01	119	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2145-03-01	119	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2145-04-01	119	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2145-05-01	119	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2145-06-01	119	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2145-07-01	119	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2145-08-01	119	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2145-09-01	119	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2145-10-01	119	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2145-11-01	119	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2145-12-01	119	0.04842	0.04842	0.04842	0.04842	0	3.238	0.0														

Reclaimed LG West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2149-02-01	123	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2149-03-01	123	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2149-04-01	123	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2149-05-01	123	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2149-06-01	123	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2149-07-01	123	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2149-08-01	123	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2149-09-01	123	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2149-10-01	123	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2149-11-01	123	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2149-12-01	123	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2150-01-01	124	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2150-02-01	124	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2150-03-01	124	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2150-04-01	124	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2150-05-01	124	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2150-06-01	124	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2150-07-01	124	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2150-08-01	124	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2150-09-01	124	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2150-10-01	124	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2150-11-01	124	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2150-12-01	124	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2151-01-01	125	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2151-02-01	125	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2151-03-01	125	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2151-04-01	125	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2151-05-01	125	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2151-06-01	125	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2151-07-01	125	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2151-08-01	125	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2151-09-01	125	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872					

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2149-02-01	123	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2149-03-01	123	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2149-04-01	123	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2149-05-01	123	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2149-06-01	123	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2149-07-01	123	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2149-08-01	123	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2149-09-01	123	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2149-10-01	123	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2149-11-01	123	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2149-12-01	123	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2150-01-01	124	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2150-02-01	124	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2150-03-01	124	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2150-04-01	124	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2150-05-01	124	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2150-06-01	124	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2150-07-01	124	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2150-08-01	124	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2150-09-01	124	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2150-10-01	124	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2150-11-01	124	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2150-12-01	124	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2151-01-01	125	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2151-02-01	125	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2151-03-01	125	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2151-04-01	125	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2151-05-01	125	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2151-06-01	125	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2151-07-01	125	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2151-08-01	125	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2151-09-01	125	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2151-10-01	125	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2151-11-01	125	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2151-12-01	125	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2152-01-01	126	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2152-02-01	126	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2152-03-01	126	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2152-04-01	126	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2152-05-01	126	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2152-06-01	126	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2152-07-01	126	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2152-08-01	126	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2152-09-01	126	0.4767	0.4767	0.4767	0.4767	0	31															

Reclaimed LG West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2155-11-01	129	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2155-12-01	129	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2156-01-01	130	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2156-02-01	130	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2156-03-01	130	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2156-04-01	130	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2156-05-01	130	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2156-06-01	130	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2156-07-01	130	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2156-08-01	130	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2156-09-01	130	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2156-10-01	130	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2156-11-01	130	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2156-12-01	130	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2157-01-01	131	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2157-02-01	131	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2157-03-01	131	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2157-04-01	131	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2157-05-01	131	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2157-06-01	131	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2157-07-01	131	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2157-08-01	131	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2157-09-01	131	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2157-10-01	131	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2157-11-01	131	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2157-12-01	131	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2158-01-01	132	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2158-02-01	132	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2158-03-01	132	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2158-04-01	132	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2158-05-01	132	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2158-06-01	132	53.03	60.61	0.000644	0	0	0.9597	0															

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2155-11-01	129	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2155-12-01	129	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2156-01-01	130	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2156-02-01	130	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2156-03-01	130	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2156-04-01	130	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2156-05-01	130	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2156-06-01	130	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2156-07-01	130	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2156-08-01	130	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2156-09-01	130	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2156-10-01	130	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2156-11-01	130	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2156-12-01	130	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2157-01-01	131	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2157-02-01	131	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2157-03-01	131	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2157-04-01	131	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2157-05-01	131	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2157-06-01	131	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2157-07-01	131	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2157-08-01	131	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2157-09-01	131	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2157-10-01	131	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2157-11-01	131	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2157-12-01	131	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2158-01-01	132	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2158-02-01	132	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2158-03-01	132	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2158-04-01	132	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2158-05-01	132	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2158-06-01	132	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2158-07-01	132	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2158-08-01	132	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2158-09-01	132	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2158-10-01	132	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2158-11-01	132	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2158-12-01	132	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2159-01-01	133	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2159-02-01	133	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2159-03-01	133	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2159-04-01	133	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2159-05-01	133	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2159-06-01	133	0.793	0.793	0.793</																		

Reclaimed LG West Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2162-08-01	136	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2162-09-01	136	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2162-10-01	136	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2162-11-01	136	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2162-12-01	136	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2163-01-01	137	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2163-02-01	137	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2163-03-01	137	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2163-04-01	137	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2163-05-01	137	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2163-06-01	137	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2163-07-01	137	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2163-08-01	137	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2163-09-01	137	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2163-10-01	137	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2163-11-01	137	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2163-12-01	137	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2164-01-01	138	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2164-02-01	138	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2164-03-01	138	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2164-04-01	138	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2164-05-01	138	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2164-06-01	138	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2164-07-01	138	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2164-08-01	138	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2164-09-01	138	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2164-10-01	138	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2164-11-01	138	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2164-12-01	138	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2165-01-01	139	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2165-02-01	139	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2165-03-01	139	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2165-04-01	139	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2165-05-01	139	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2165-06-01	139	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2165-07-01	139	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2165-08-01	139	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2165-09-01	139	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2165-10-01	139	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2165-11-01	139	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2165-12-01	139	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2166-01-01	140	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2166-02-01	140	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2166-03-01	140	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2166-04-01	140	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2166-05-01	140	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2166-06-01	140	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2166-07-01	140	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2166-08-01	140	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.0166		

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2162-08-01	136	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2162-09-01	136	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2162-10-01	136	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2162-11-01	136	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2162-12-01	136	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2163-01-01	137	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2163-02-01	137	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2163-03-01	137	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2163-04-01	137	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2163-05-01	137	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2163-06-01	137	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2163-07-01	137	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2163-08-01	137	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2163-09-01	137	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2163-10-01	137	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2163-11-01	137	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2163-12-01	137	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2164-01-01	138	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2164-02-01	138	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2164-03-01	138	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2164-04-01	138	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2164-05-01	138	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2164-06-01	138	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2164-07-01	138	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2164-08-01	138	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2164-09-01	138	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2164-10-01	138	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2164-11-01	138	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2164-12-01	138	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2165-01-01	139	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2165-02-01	139	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2165-03-01	139	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2165-04-01	139	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2165-05-01	139	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2165-06-01	139	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2165-07-01	139	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2165-08-01	139	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2165-09-01	139	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2165-10-01	139	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2165-11-01	139	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2165-12-01	139	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2166-01-01	140	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2166-02-01	140	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2166-03-01	140	0.09156	0.09156																			

Reclaimed LG West Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2169-05-01	143	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2169-06-01	143	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2169-07-01	143	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2169-08-01	143	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2169-09-01	143	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2169-10-01	143	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2169-11-01	143	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2169-12-01	143	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2170-01-01	144	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2170-02-01	144	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2170-03-01	144	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2170-04-01	144	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2170-05-01	144	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2170-06-01	144	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2170-07-01	144	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2170-08-01	144	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2170-09-01	144	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2170-10-01	144	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2170-11-01	144	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2170-12-01	144	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2171-01-01	145	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2171-02-01	145	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2171-03-01	145	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2171-04-01	145	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2171-05-01	145	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2171-06-01	145	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2171-07-01	145	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2171-08-01	145	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2171-09-01	145	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2171-10-01	145	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2171-11-01	145	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2171-12-01	145	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2172-01-01	146	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2172-02-01	146	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2172-03-01	146	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2172-04-01	146	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2172-05-01	146	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2172-06-01	146	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2172-07-01	146	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2172-08-01	146	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2172-09-01	146	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2172-10-01	146	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2172-11-01	146	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2172-12-01	146	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2173-01-01	147	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2173-02-01	147	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2173-03-01	147	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2173-04-01	147	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2173-05-01	147	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878</		

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2169-05-01	143	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2169-06-01	143	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2169-07-01	143	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2169-08-01	143	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2169-09-01	143	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2169-10-01	143	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2169-11-01	143	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2169-12-01	143	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2170-01-01	144	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2170-02-01	144	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2170-03-01	144	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2170-04-01	144	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2170-05-01	144	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2170-06-01	144	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2170-07-01	144	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2170-08-01	144	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2170-09-01	144	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2170-10-01	144	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2170-11-01	144	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2170-12-01	144	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2171-01-01	145	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2171-02-01	145	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2171-03-01	145	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2171-04-01	145	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2171-05-01	145	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2171-06-01	145	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2171-07-01	145	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2171-08-01	145	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2171-09-01	145	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2171-10-01	145	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2171-11-01	145	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2171-12-01	145	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2172-01-01	146	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2172-02-01	146	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2172-03-01	146	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2172-04-01	146	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2172-05-01	146	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2172-06-01	146	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2172-07-01	146	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2172-08-01	146	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2172-09-01	146	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2172-10-01	146	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2172-11-01	146	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2172-12-01	146	0.04842	0.04842	0.04842	0.04842	0	3.238	0.0														

Reclaimed LG West Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2176-02-01	150	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2176-03-01	150	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2176-04-01	150	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2176-05-01	150	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2176-06-01	150	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2176-07-01	150	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2176-08-01	150	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2176-09-01	150	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2176-10-01	150	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2176-11-01	150	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2176-12-01	150	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2177-01-01	151	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2177-02-01	151	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2177-03-01	151	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2177-04-01	151	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2177-05-01	151	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2177-06-01	151	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2177-07-01	151	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2177-08-01	151	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2177-09-01	151	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2177-10-01	151	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2177-11-01	151	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2177-12-01	151	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2178-01-01	152	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2178-02-01	152	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2178-03-01	152	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2178-04-01	152	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2178-05-01	152	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2178-06-01	152	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2178-07-01	152	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2178-08-01	152	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2178-09-01	152	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2178-10-01	152	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2178-11-01	152	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2178-12-01	152	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2179-01-01	153	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2179-02-01	153	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2179-03-01	153	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2179-04-01	153	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2179-05-01	153	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2179-06-01	153	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2179-07-01	153	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2179-08-01	153	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2179-09-01	153	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2179-10-01	153	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2179-11-01	153	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2179-12-01	153	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2180-01-01	154	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2180-02-01	154	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.000		

Reclaimed LG West Load to Env

Date	Mine Year	Potassium kg/d	Lithium kg/d	Magnesium kg/d	Manganese kg/d	Molybdenum kg/d	Silicon kg/d	Sodium kg/d	Nickel kg/d	Lead kg/d	Antimony kg/d	Selenium kg/d	Tin kg/d	Strontium kg/d	Titanium kg/d	Thallium kg/d	Uranium kg/d	Vanadium kg/d	Tungsten kg/d	Yttrium kg/d	Zinc kg/d	Phosphorous kg/d
2176-02-01	150	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2176-03-01	150	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2176-04-01	150	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2176-05-01	150	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2176-06-01	150	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2176-07-01	150	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2176-08-01	150	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2176-09-01	150	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2176-10-01	150	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2176-11-01	150	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2176-12-01	150	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2177-01-01	151	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2177-02-01	151	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2177-03-01	151	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2177-04-01	151	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2177-05-01	151	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2177-06-01	151	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2177-07-01	151	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2177-08-01	151	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2177-09-01	151	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2177-10-01	151	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2177-11-01	151	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2177-12-01	151	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2178-01-01	152	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2178-02-01	152	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2178-03-01	152	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2178-04-01	152	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2178-05-01	152	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2178-06-01	152	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2178-07-01	152	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2178-08-01	152	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2178-09-01	152	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2178-10-01	152	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2178-11-01	152	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2178-12-01	152	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2179-01-01	153	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2179-02-01	153	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2179-03-01	153	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2179-04-01	153	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2179-05-01	153	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2179-06-01	153	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2179-07-01	153	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2179-08-01	153	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2179-09-01	153	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88									

Reclaimed LG West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2182-11-01	156	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2182-12-01	156	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2183-01-01	157	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2183-02-01	157	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2183-03-01	157	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2183-04-01	157	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2183-05-01	157	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2183-06-01	157	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2183-07-01	157	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2183-08-01	157	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2183-09-01	157	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2183-10-01	157	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2183-11-01	157	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2183-12-01	157	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2184-01-01	158	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2184-02-01	158	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2184-03-01	158	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2184-04-01	158	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2184-05-01	158	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2184-06-01	158	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2184-07-01	158	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2184-08-01	158	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2184-09-01	158	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2184-10-01	158	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2184-11-01	158	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2184-12-01	158	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2185-01-01	159	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2185-02-01	159	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2185-03-01	159	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2185-04-01	159	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2185-05-01	159	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2185-06-01	159	53.03	60.61	0.000644	0	0	0.9597	0															

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2182-11-01	156	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2182-12-01	156	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2183-01-01	157	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2183-02-01	157	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2183-03-01	157	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2183-04-01	157	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2183-05-01	157	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2183-06-01	157	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2183-07-01	157	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2183-08-01	157	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2183-09-01	157	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2183-10-01	157	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2183-11-01	157	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2183-12-01	157	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2184-01-01	158	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2184-02-01	158	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2184-03-01	158	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2184-04-01	158	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2184-05-01	158	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2184-06-01	158	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2184-07-01	158	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2184-08-01	158	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2184-09-01	158	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2184-10-01	158	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2184-11-01	158	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2184-12-01	158	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2185-01-01	159	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2185-02-01	159	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2185-03-01	159	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2185-04-01	159	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2185-05-01	159	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2185-06-01	159	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2185-07-01	159	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2185-08-01	159	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2185-09-01	159	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2185-10-01	159	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2185-11-01	159	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2185-12-01	159	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2186-01-01	160	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2186-02-01	160	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2186-03-01	160	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2186-04-01	160	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2186-05-01	160	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2186-06-01	160	0.793	0.793	0.793</																		

Reclaimed LG West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2189-08-01	163	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2189-09-01	163	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2189-10-01	163	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2189-11-01	163	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2189-12-01	163	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2190-01-01	164	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2190-02-01	164	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2190-03-01	164	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2190-04-01	164	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2190-05-01	164	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2190-06-01	164	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2190-07-01	164	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2190-08-01	164	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2190-09-01	164	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2190-10-01	164	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2190-11-01	164	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2190-12-01	164	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2191-01-01	165	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2191-02-01	165	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2191-03-01	165	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2191-04-01	165	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2191-05-01	165	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2191-06-01	165	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2191-07-01	165	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2191-08-01	165	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2191-09-01	165	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2191-10-01	165	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2191-11-01	165	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2191-12-01	165	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2192-01-01	166	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2192-02-01	166	1.296	1.481	1.57E-05	0	0	0.02345	0	0	3.94E-06	0.03517	0	0.0003548	0	0	0	1.57E-05	1.57E-05	1.57E-05	0.0001234	0.0008022	0.0008022	0.2933
2192-03-01	166	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05						

Reclaimed LG West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2189-08-01	163	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2189-09-01	163	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2189-10-01	163	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2189-11-01	163	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2189-12-01	163	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2190-01-01	164	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2190-02-01	164	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2190-03-01	164	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2190-04-01	164	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2190-05-01	164	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2190-06-01	164	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2190-07-01	164	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2190-08-01	164	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2190-09-01	164	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2190-10-01	164	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2190-11-01	164	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2190-12-01	164	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2191-01-01	165	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2191-02-01	165	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2191-03-01	165	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2191-04-01	165	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2191-05-01	165	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2191-06-01	165	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2191-07-01	165	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2191-08-01	165	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2191-09-01	165	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2191-10-01	165	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2191-11-01	165	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2191-12-01	165	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2192-01-01	166	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2192-02-01	166	0.01938	0.01938	0.01938	0.01938	0	1.296	0.02345	0.0004165	0.0001789	6.94E-05	6.94E-05	1.296	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.000398	0.002777	0.002777	0.002777	0.01126
2192-03-01	166	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2192-04-01	166	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2192-05-01	166	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2192-06-01	166	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2192-07-01	166	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2192-08-01	166	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2192-09-01	166	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2192-10-01	166	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2192-11-01	166	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2192-12-01	166	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2193-01-01	167	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2193-02-01	167	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05								

Reclaimed LG West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2196-05-01	170	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2196-06-01	170	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2196-07-01	170	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2196-08-01	170	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2196-09-01	170	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2196-10-01	170	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2196-11-01	170	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2196-12-01	170	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2197-01-01	171	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2197-02-01	171	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2197-03-01	171	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2197-04-01	171	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2197-05-01	171	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2197-06-01	171	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2197-07-01	171	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2197-08-01	171	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2197-09-01	171	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2197-10-01	171	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2197-11-01	171	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2197-12-01	171	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2198-01-01	172	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2198-02-01	172	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2198-03-01	172	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2198-04-01	172	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2198-05-01	172	62.65	71.6	0.0007608	0	0	1.134	0	0	0.0001905	1.701	0	0.01715	0	0	0	0.0007608	0.0007608	0.0007608	0.005967	0.03878	0.03878	14.18
2198-06-01	172	53.03	60.61	0.000644	0	0	0.9597	0	0	1.61E-04	1.44	0	0.01452	0	0	0	0.000644	0.000644	0.000644	0.005051	0.03283	0.03283	12
2198-07-01	172	42.54	48.62	0.0005165	0	0	0.7697	0	0	1.29E-04	1.155	0	0.01165	0	0	0	0.0005165	0.0005165	0.0005165	0.004051	0.02633	0.02633	9.627
2198-08-01	172	26.9	30.74	0.0003266	0	0	0.4867	0	0	8.18E-05	0.7301	0	0.007365	0	0	0	0.0003266	0.0003266	0.0003266	0.002562	0.01665	0.01665	6.088
2198-09-01	172	31.88	36.44	0.0003872	0	0	0.5769	0	0	9.69E-05	0.8654	0	0.00873	0	0	0	0.0003872	0.0003872	0.0003872	0.003037	0.01974	0.01974	7.216
2198-10-01	172	25.27	28.88	3.07E-04	0	0	0.4572	0	0	7.68E-05	0.6859	0	0.006919	0	0	0	3.07E-04	3.07E-04	3.07E-04	0.002407	0.01564	0.01564	5.719
2198-11-01	172	14.87	17	1.81E-04	0	0	0.2691	0	0	4.52E-05	0.4037	0	0.004072	0	0	0	1.81E-04	1.81E-04	1.81E-04	1.42E-03	0.009206	0.009206	3.366
2198-12-01	172	3.238	3.701	3.93E-05	0	0	0.05859	0	0	9.85E-06	0.08789	0	0.0008866	0	0	0	3.93E-05	3.93E-05	3.93E-05	0.0003084	0.002005	0.002005	0.7328
2199-01-01	173	0.7379	0.8433	8.96E-06	0	0	0.01335	0	0	2.24E-06	0.02003	0	0.000202	0	0	0	8.96E-06	8.96E-06	8.96E-06	7.03E-05	0.0004568	0.0004568	0.167
2199-02-01	173	1.342	1.534	1.63E-05	0	0	0.02429	0	0	4.08E-06	0.03643	0	0.0003675	0	0	0	1.63E-05	1.63E-05	1.63E-05	0.0001278	0.0008308	0.0008308	0.3037
2199-03-01	173	6.124	6.998	7.44E-05	0	0	0.1108	0	0	1.86E-05	0.1662	0	0.001677	0	0	0	7.44E-05	7.44E-05	7.44E-05	0.0005832	0.003791	0.003791	1.386
2199-04-01	173	35.82	40.93	0.0004349	0	0	0.6481	0	0	0.0001089	0.9722	0	0.009807	0	0	0	0.0004349	0.0004349	0.0004349	0.003411	0.02217	0.02217	8.106
2199-05-01	173	62.65	71.6	0.0007608	0	0	1.134	0	0	0													

Reclaimed LG West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2196-05-01	170	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2196-06-01	170	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2196-07-01	170	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2196-08-01	170	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2196-09-01	170	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2196-10-01	170	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2196-11-01	170	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2196-12-01	170	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2197-01-01	171	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2197-02-01	171	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2197-03-01	171	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2197-04-01	171	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2197-05-01	171	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2197-06-01	171	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2197-07-01	171	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2197-08-01	171	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2197-09-01	171	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2197-10-01	171	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2197-11-01	171	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2197-12-01	171	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2198-01-01	172	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2198-02-01	172	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2198-03-01	172	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2198-04-01	172	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2198-05-01	172	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2198-06-01	172	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2198-07-01	172	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2198-08-01	172	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2198-09-01	172	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2198-10-01	172	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2198-11-01	172	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2198-12-01	172	0.04842	0.04842	0.04842	0.04842	0	3.238	0.05859	0.001041	0.0004472	1.74E-04	1.74E-04	3.238	4.24E-05	4.24E-05	4.24E-05	4.24E-05	0.0009945	0.006939	0.006939	0.006939	0.02814
2199-01-01	173	0.01103	0.01103	0.01103	0.01103	0	0.7379	0.01335	0.0002372	0.0001019	3.95E-05	3.95E-05	0.7379	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.0002266	0.001581	0.001581	0.001581	0.006412
2199-02-01	173	0.02007	0.02007	0.02007	0.02007	0	1.342	0.02429	0.0004314	0.0001853	7.19E-05	7.19E-05	1.342	1.76E-05	1.76E-05	1.76E-05	1.76E-05	0.0004122	0.002876	0.002876	0.002876	0.01166
2199-03-01	173	0.09156	0.09156	0.09156	0.09156	0	6.124	0.1108	0.001968	0.0008456	0.0003281	0.0003281	6.124	8.02E-05	8.02E-05	8.02E-05	8.02E-05	0.001881	0.01312	0.01312	0.01312	0.05322
2199-04-01	173	0.5355	0.5355	0.5355	0.5355	0	35.82	0.6481	0.01151	0.004946	0.001919	0.001919	35.82	0.000469	0.000469	0.000469	0.000469	0.011	0.07675	0.07675	0.07675	0.3113
2199-05-01	173	0.9368	0.9368	0.9368	0.9368	0	62.65	1.134	0.02014	0.008652	0.003356	0.003356	62.65	0.0008204	0.0008204	0.0008204	0.0008204	0.01924	0.1343	0.1343	0.1343	0.5445
2199-06-01	173	0.793	0.793	0.793	0.793	0	53.03	0.9597	0.01705	0.007324	0.002841	0.002841	53.03	0.0006945	0.0006945	0.0006945	0.0006945	0.01629	0.1136	0.1136	0.1136	0.4609
2199-07-01	173	0.6361	0.6361	0.6361	0.6361	0	42.54	0.7697	0.01367	0.005874	0.002279	0.002279	42.54	0.0005571	0.0005571	0.0005571	0.0005571	0.01307	0.09115	0.09115	0.09115	0.3697
2199-08-01	173	0.4022	0.4022	0.4022	0.4022	0	26.9	0.4867	0.008646	0.003715	0.001441	0.001441	26.9	0.0003523	0.0003523	0.0003523	0.0003523	0.008262	0.05764	0.05764	0.05764	0.2338
2199-09-01	173	0.4767	0.4767	0.4767	0.4767	0	31.88	0.5769	0.01025	0.004403	0.001708	0.001708	31.88	0.0004175	0.0004175	0.0004175	0.0004175	0.009793	0.06832	0.06832	0.06832	0.2771
2199-10-01	173	0.3778	0.3778	0.3778	0.3778	0	25.27	0.4572	0.008122	0.00349	0.001354	0.001354	25.27	3.31E-04	3.31E-04	3.31E-04	3.31E-04	0.007761	0.05415	0.05415	0.05415	0.2196
2199-11-01	173	0.2224	0.2224	0.2224	0.2224	0	14.87	0.2691	0.00478	0.002054	7.97E-04	7.97E-04	14.87	1.95E-04	1.95E-04	1.95E-04	1.95E-04	0.004568	0.03187	0.03187	0.03187	0.1292
2199-12-01	173	0.04842	0.04842	0.04842	0.04842	0	3.238	0.														

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2056-02-01	30	0.002587	0.002956	3.14E-08	0	0	4.68E-05	0	0.00E+00	7.87E-09	7.02E-05	0.00E+00	7.08E-07	0	0	0	3.14E-08	3.14E-08	3.14E-08	2.46E-07	1.60E-06	1.60E-06	5.85E-04
2056-03-01	30	0.01222	0.01397	1.48E-07	0	0	0.0002212	0	0.00E+00	3.72E-08	0.0003318	0.00E+00	3.35E-06	0	0	0	1.48E-07	1.48E-07	1.48E-07	1.16E-06	7.57E-06	7.57E-06	2.77E-03
2056-04-01	30	0.07149	0.08171	8.68E-07	0	0	0.001294	0	0.00E+00	2.17E-07	0.001941	0.00E+00	1.96E-05	0	0	0	8.68E-07	8.68E-07	8.68E-07	6.81E-06	4.43E-05	4.43E-05	1.62E-02
2056-05-01	30	0.1251	0.1429	1.52E-06	0	0	0.002263	0	0.00E+00	3.80E-07	0.003395	0.00E+00	3.42E-05	0	0	0	1.52E-06	1.52E-06	1.52E-06	1.19E-05	7.74E-05	7.74E-05	2.83E-02
2056-06-01	30	0.1059	0.121	1.29E-06	0	0	0.001916	0	0.00E+00	3.22E-07	0.002874	0.00E+00	2.90E-05	0	0	0.00E+00	1.29E-06	1.29E-06	1.29E-06	1.01E-05	6.55E-05	6.55E-05	2.40E-02
2056-07-01	30	0.08491	0.09704	1.03E-06	0	0	0.001537	0	0.00E+00	2.58E-07	0.002305	0.00E+00	2.33E-05	0	0	0	1.03E-06	1.03E-06	1.03E-06	8.09E-06	5.26E-05	5.26E-05	1.92E-02
2056-08-01	30	0.0537	0.06137	6.52E-07	0	0	0.0009716	0	0.00E+00	1.63E-07	0.001457	0.00E+00	1.47E-05	0	0	0.00E+00	6.52E-07	6.52E-07	6.52E-07	5.11E-06	3.32E-05	3.32E-05	1.22E-02
2056-09-01	30	0.06365	0.07274	7.73E-07	0	0	0.001152	0	0.00E+00	1.94E-07	0.001728	0.00E+00	1.74E-05	0	0	0.00E+00	7.73E-07	7.73E-07	7.73E-07	6.06E-06	3.94E-05	3.94E-05	1.44E-02
2056-10-01	30	0.05044	0.05765	6.13E-07	0	0	0.0009127	0	0.00E+00	1.53E-07	1.37E-03	0.00E+00	1.38E-05	0	0.00E+00	0.00E+00	6.13E-07	6.13E-07	6.13E-07	4.80E-06	3.12E-05	3.12E-05	1.14E-02
2056-11-01	30	0.02969	0.03393	3.61E-07	0	0	0.0005372	0	0	9.03E-08	0.0008058	0.00E+00	8.13E-06	0	0	0	3.61E-07	3.61E-07	3.61E-07	2.83E-06	1.84E-05	1.84E-05	0.006718
2056-12-01	30	0.006464	0.007387	7.85E-08	0	0	0.000117	0	0	1.97E-08	0.0001754	0.00E+00	1.77E-06	0	0	0	7.85E-08	7.85E-08	7.85E-08	6.16E-07	4.00E-06	4.00E-06	0.001463
2057-01-01	31	0.7154	0.8176	8.69E-06	0	0	0.01295	0	0	2.18E-06	0.01942	0	0.0001959	0	0	0	8.69E-06	8.69E-06	8.69E-06	6.81E-05	0.0004429	0.0004429	0.1619
2057-02-01	31	1.301	1.487	1.58E-05	0	0	0.02355	0	0	3.96E-06	0.03532	0	0.0003563	0	0	0	1.58E-05	1.58E-05	1.58E-05	0.0001239	0.0008056	0.0008056	0.2945
2057-03-01	31	5.937	6.786	7.21E-05	0	0	0.1074	0	0	1.81E-05	0.1612	0	0.001626	0	0	0	7.21E-05	7.21E-05	7.21E-05	0.0005655	0.003676	0.003676	1.344
2057-04-01	31	34.73	39.69	0.0004217	0	0	0.6284	0	0	0.0001056	0.9426	0	0.009509	0	0	0	0.0004217	0.0004217	0.0004217	0.003307	0.0215	0.0215	7.859
2057-05-01	31	60.75	69.42	0.0007376	0	0	1.099	0	0	0.0001847	1.649	0	0.01663	0	0	0	0.0007376	0.0007376	0.0007376	0.005785	0.0376	0.0376	13.75
2057-06-01	31	51.42	58.77	0.0006244	0	0	0.9305	0	0	1.56E-04	1.396	0	0.01408	0	0	0	0.0006244	0.0006244	0.0006244	0.004897	0.03183	0.03183	11.64
2057-07-01	31	41.24	47.14	0.0005008	0	0	0.7463	0	0	1.25E-04	1.12	0	0.01129	0	0	0	0.0005008	0.0005008	0.0005008	0.003928	0.02553	0.02553	9.334
2057-08-01	31	26.08	29.81	0.0003167	0	0	0.4719	0	0	7.93E-05	0.7079	0	0.007141	0	0	0	0.0003167	0.0003167	0.0003167	0.002484	0.01615	0.01615	5.902
2057-09-01	31	30.91	35.33	0.0003754	0	0	0.5594	0	0	9.40E-05	0.8391	0	0.008465	0	0	0	0.0003754	0.0003754	0.0003754	0.002944	0.01914	0.01914	6.996
2057-10-01	31	24.5	28	2.98E-04	0	0	0.4433	0	0	7.45E-05	0.665	0.00E+00	0.006708	0	0	0	2.98E-04	2.98E-04	2.98E-04	0.002333	0.01517	0.01517	5.545
2057-11-01	31	14.42	16.48	1.75E-04	0	0	0.2609	0	0	4.38E-05	0.3914	0.00E+00	0.003948	0	0	0	1.75E-04	1.75E-04	1.75E-04	0.001373	8.93E-03	0.008926	3.263
2057-12-01	31	3.14	3.588	3.81E-05	0	0	0.05681	0	0	9.55E-06	0.08522	0.00E+00	0.0008597	0	0	0	3.81E-05	3.81E-05	3.81E-05	0.000299	1.94E-03	0.001944	0.7105
2058-01-01	32	1.429	1.634	1.74E-05	0	0	0.02587	0	0	4.35E-06	0.0388	0	0.0003914	0	0	0	1.74E-05	1.74E-05	1.74E-05	0.0001361	0.0008849	0.0008849	0.3235
2058-02-01	32	2.6	2.971	3.16E-05	0	0	0.04705	0	0	7.91E-06	0.07057	0	0.0007119	0	0	0	3.16E-05	3.16E-05	3.16E-05	0.0002476	0.001609	0.001609	0.5884
2058-03-01	32	11.86	13.56	0.000144	0	0	0.2147	0	0	3.61E-05	0.322	0	0.003248	0	0	0	0.000144	0.000144	0.000144	0.00113	0.007344	0.007344	2.685
2058-04-01	32	69.38	79.29	0.0008425	0	0	1.255	0	0	0.000211	1.883	0	0.019	0	0	0	0.0008425	0.0008425	0.0008425	0.006608	0.04295	0.04295	15.7
2058-05-01	32	121.4	138.7	0.001474	0	0	2.196	0	0	0.000369	3.294	0	0.03323	0	0	0	0.001474	0.001474	0.001474	0.01156	0.07513	0.07513	27.47
2058-06-01	32	102.7	117.4	0.001248	0	0	1.859	0	0	0.0003124	2.789	0	0.02813	0	0	0	0.001248	0.001248	0.001248	0.009785	0.0636	0.0636	23.25
2058-07-01	32	82.4	94.18	0.001001	0	0	1.491	0	0	0.0002505	2.237	0	0.02256	0	0	0	0.001001	0.001001	0.001001	0.007848	0.05101	0.05101	18.65
2058-08-01	32	52.11	59.55	0.0006328	0	0	0.9429	0	0	0.0001584	1.414	0	0.01427	0	0	0	0.0006328	0.0006328	0.0006328	0.004963	0.03226	0.0322	

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium kg/d	Lithium kg/d	Magnesium kg/d	Manganese kg/d	Molybdenum kg/d	Silicon kg/d	Sodium kg/d	Nickel kg/d	Lead kg/d	Antimony kg/d	Selenium kg/d	Tin kg/d	Strontium kg/d	Titanium kg/d	Thallium kg/d	Uranium kg/d	Vanadium kg/d	Tungsten kg/d	Yttrium kg/d	Zinc kg/d	Phosphorous kg/d
2056-02-01	30	3.87E-05	3.87E-05	3.87E-05	3.87E-05	0	0.002587	4.68E-05	8.31E-07	3.57E-07	1.39E-07	1.39E-07	2.59E-03	3.39E-08	3.39E-08	3.39E-08	3.39E-08	7.95E-06	5.54E-06	5.54E-06	5.54E-06	2.25E-05
2056-03-01	30	0.0001828	0.0001828	0.0001828	0.0001828	0	0.01222	0.0002212	3.93E-06	1.69E-06	6.55E-07	6.55E-07	1.22E-02	1.60E-07	1.60E-07	1.60E-07	1.60E-07	3.75E-06	2.62E-05	2.62E-05	2.62E-05	1.06E-04
2056-04-01	30	0.001069	0.001069	0.001069	0.001069	0	0.07149	0.001294	2.30E-05	9.87E-06	3.83E-06	3.83E-06	7.15E-02	9.36E-07	9.36E-07	9.36E-07	9.36E-07	2.20E-05	1.53E-04	1.53E-04	0.0001532	6.21E-04
2056-05-01	30	0.00187	0.00187	0.00187	0.00187	0	0.1251	0.002263	4.02E-05	1.73E-05	6.70E-06	6.70E-06	1.25E-01	1.64E-06	1.64E-06	1.64E-06	1.64E-06	3.84E-05	2.68E-04	2.68E-04	0.000268	1.09E-03
2056-06-01	30	0.001583	1.58E-03	0.001583	0.001583	0	0.1059	0.001916	3.40E-05	1.46E-05	5.67E-06	5.67E-06	1.06E-01	1.39E-06	1.39E-06	1.39E-06	1.39E-06	3.25E-05	2.27E-04	2.27E-04	0.0002269	9.20E-04
2056-07-01	30	0.00127	1.27E-03	0.00127	0.00127	0	0.08491	0.001537	2.73E-05	1.17E-05	4.55E-06	4.55E-06	8.49E-02	1.11E-06	1.11E-06	1.11E-06	1.11E-06	2.61E-05	1.82E-04	1.82E-04	0.000182	7.38E-04
2056-08-01	30	0.0008029	8.03E-04	0.0008029	0.0008029	0	0.0537	0.0009716	1.73E-05	7.42E-06	2.88E-06	2.88E-06	5.37E-02	7.03E-07	7.03E-07	7.03E-07	7.03E-07	1.65E-05	1.15E-04	1.15E-04	0.0001151	4.67E-04
2056-09-01	30	0.0009517	9.52E-04	0.0009517	0.0009517	0	0.06365	0.001152	2.05E-05	8.79E-06	3.41E-06	3.41E-06	6.37E-02	8.34E-07	8.34E-07	8.34E-07	8.34E-07	1.96E-05	1.36E-04	1.36E-04	1.36E-04	5.53E-04
2056-10-01	30	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.00E+00	0.05044	0.0009127	1.62E-05	6.97E-06	2.70E-06	2.70E-06	5.04E-02	6.61E-07	6.61E-07	6.61E-07	6.61E-07	1.55E-05	1.08E-04	1.08E-04	1.08E-04	4.38E-04
2056-11-01	30	0.0004439	0.0004439	0.0004439	0.0004439	0	0.02969	0.0005372	9.54E-06	4.10E-06	1.59E-06	1.59E-06	0.02969	3.89E-07	3.89E-07	3.89E-07	3.89E-07	9.12E-06	6.36E-05	6.36E-05	6.36E-05	0.000258
2056-12-01	30	9.67E-05	9.67E-05	9.67E-05	9.67E-05	0	0.006464	0.000117	2.08E-06	8.93E-07	3.46E-07	3.46E-07	0.006464	8.46E-08	8.46E-08	8.46E-08	8.46E-08	1.99E-06	1.39E-05	1.39E-05	1.39E-05	5.62E-05
2057-01-01	31	0.0107	0.0107	0.0107	0.0107	0	0.7154	0.01295	0.00023	9.88E-05	3.83E-05	3.83E-05	0.7154	9.37E-06	9.37E-06	9.37E-06	9.37E-06	0.0002197	0.001533	0.001533	0.001533	0.006217
2057-02-01	31	0.01946	0.01946	0.01946	0.01946	0	1.301	0.02355	0.0004183	0.0001797	6.97E-05	6.97E-05	1.301	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.0003997	0.002788	0.002788	0.002788	0.01131
2057-03-01	31	0.08878	0.08878	0.08878	0.08878	0	5.937	0.1074	0.001908	0.0008199	0.0003181	0.0003181	5.937	7.78E-05	7.78E-05	7.78E-05	7.78E-05	0.001824	0.01272	0.01272	0.01272	0.0516
2057-04-01	31	0.5193	0.5193	0.5193	0.5193	0	34.73	0.6284	0.01116	0.004796	0.00186	0.00186	34.73	0.0004548	0.0004548	0.0004548	0.0004548	0.01067	0.07442	0.07442	0.07442	0.3018
2057-05-01	31	0.9083	0.9083	0.9083	0.9083	0	60.75	1.099	0.01953	0.008389	0.003254	0.003254	60.75	0.0007955	0.0007955	0.0007955	0.0007955	0.01866	0.1302	0.1302	0.1302	0.5279
2057-06-01	31	0.7689	0.7689	0.7689	0.7689	0	51.42	0.9305	0.01653	0.007101	0.002755	0.002755	51.42	0.0006734	0.0006734	0.0006734	0.0006734	0.01579	0.1102	0.1102	0.1102	0.4469
2057-07-01	31	0.6167	0.6167	0.6167	0.6167	0	41.24	0.7463	0.01326	0.005696	0.00221	0.00221	41.24	0.0005401	0.0005401	0.0005401	0.0005401	0.01267	0.08838	0.08838	0.08838	0.3584
2057-08-01	31	0.39	0.39	0.39	0.39	0	26.08	0.4719	0.008383	0.003602	0.001397	0.001397	26.08	0.0003415	0.0003415	0.0003415	0.0003415	0.008011	0.05589	0.05589	0.05589	0.2267
2057-09-01	31	0.4622	0.4622	0.4622	0.4622	0	30.91	0.5594	0.009937	0.004269	0.001656	0.001656	30.91	0.0004048	0.0004048	0.0004048	0.0004048	0.009495	0.06625	0.06625	0.06625	0.2687
2057-10-01	31	0.3663	0.3663	0.3663	0.3663	0	24.5	0.4433	0.007875	0.003383	0.001313	0.001313	24.5	3.21E-04	3.21E-04	3.21E-04	3.21E-04	0.007525	0.0525	0.0525	0.0525	0.2129
2057-11-01	31	0.2156	0.2156	0.2156	0.2156	0	14.42	0.2609	0.004635	0.001991	7.73E-04	7.73E-04	14.42	1.89E-04	1.89E-04	1.89E-04	1.89E-04	0.004429	0.0309	0.0309	0.0309	0.1253
2057-12-01	31	0.04694	0.04694	0.04694	0.04694	0	3.14	0.05681	0.001009	0.0004336	0.0001682	0.0001682	3.14	4.11E-05	4.11E-05	4.11E-05	4.11E-05	0.0009643	0.006728	0.006728	0.006728	0.02728
2058-01-01	32	0.02137	0.02137	0.02137	0.02137	0	1.429	0.02587	0.0004594	0.0001974	7.66E-05	7.66E-05	1.429	1.87E-05	1.87E-05	1.87E-05	1.87E-05	0.000439	0.003063	0.003063	0.003063	0.01242
2058-02-01	32	0.03887	0.03887	0.03887	0.03887	0	2.6	0.04705	0.0008357	0.000359	0.0001393	0.0001393	2.6	3.41E-05	3.41E-05	3.41E-05	3.41E-05	0.0007985	0.005571	0.005571	0.005571	0.02259
2058-03-01	32	0.1774	0.1774	0.1774	0.1774	0	11.86	0.2147	0.003813	0.001638	0.0006355	0.0006355	11.86	0.0001553	0.0001553	0.0001553	0.0001553	0.003644	0.02542	0.02542	0.02542	0.1031
2058-04-01	32	1.037	1.037	1.037	1.037	0	69.38	1.255	0.0223	0.009581	0.003717	0.003717	69.38	0.0009086	0.0009086	0.0009086	0.0009086	0.02131	0.1487	0.1487	0.1487	0.603
2058-05-01	32	1.815	1.815	1.815	1.815	0	121.4	2.196	0.03901	0.01676	0.006502	0.006502	121.4	0.001589	0.001589	0.001589	0.001589	0.03728	0.2601	0.2601	0.2601	1.055
2058-06-01	32	1.536	1.536	1.536	1.536	0	102.7	1.859	0.03302	0.01419	0.005504	0.005504	102.7	0.001345	0.001345	0.001345	0.001345	0.03156	0.2202	0.2202	0.2202	0.8928
2058-07-01	32	1.232	1.232	1.232	1.232	0	82.4	1.491	0.02649	0.01138	0.004415	0.004415	82.4	0.001079	0.001079	0.001079	0.001079	0.02531	0.1766	0.1766	0.1766	0.7161
2058-08-01	32	0.7792	0.7792	0.7792	0.7792	0	52.11	0.9429	0.01675	0.007196	0.002792	0.002792	52.11	0.0006824	0.0006824	0.0006824	0.0006824	0.016	0.1117	0.1117	0.1117	0.4529
2058-09-01	32	0.9235	0.9235	0.9235	0.9235	0	61.77	1.118	0.01985	0.00853	0.003309	0.003309	61.77	0.0008088	0.0008088	0.0008088	0.0008088	0.01897	0.1324	0.1324	0.1324	0.5368
2058-10-01	32	0.7319	0.7319	0.7319	0.7319	0	48.95	0.8858	0.01573	0.00676	0.002622	0.002622	48.95	6.41E-04	6.41E-04	6.41E-04	6.41E-04	0.01503	0.1049	0.1049	0.1049	0.4254
2058-11-01	32	0.4308	0.4308	0.4308	0.4308	0	28.81	0.5213	0.00926	0.003978	0.001543	0.001543	28.81	3.77E-04	3.77E-04	3.77E-04	3.77E-04	0.008848	0.06173	0.06173	0.06173	0.2504
2058-12-01	32	0.09379	0.09379	0.09379	0.09379	0	6.273	0.1135	0.002016	0.0008662	0.000336	0.000336	6.273	8.21E-05	8.21E-05	8.21E-05	8.21E-05	0.001927	0.01344	0.01344	0.01344	0.05451
2059-01-01	33	0.03205	0.03205	0.03205	0.03205	0	2.143	0.03878	0.0006889	0.000296	0.0001148	0.0001148	2.143	2.81E-05	2.81E-05	2.81E-05	2.81E-05	0.0006583	0.004593	0.004593	0.004593	0.01863
2059-02-01	33	0.05829	0.05829	0.05829	0.05829	0	3.898	0.07054	0.001253	0.0005384	0.0002088	0.0002088	3.898	5.11E-05	5.11E-05	5.11E-05	5.11E-05	0.001197	0.008354	0.008354	0.008354	0.03388
2059-03-01	33	0.266	0.266	0.266	0.266	0	17.79	0.3219	0.005718	0.002456	0.0009529	0.0009529	17.79	0.0002329	0.0002329	0.0002329	0.0002329	0.005463	0.03812	0.03812	0.03812	0.1546
2059-04-01	33	1.556	1.556	1.556	1.556	0	104	1.883	0.03344	0.01437	0.005573	0.005573	104	0.001362	0.001362	0.001362	0.001362	0.03195	0.2229	0.2229	0.2229	0.9041
2059-05-01	33	2.721	2.721	2.721	2.721	0	182	3.293	0.0585	0.02513	0.009749	0.009749	182	0.002383	0.002383	0.002383	0.002383	0.0559	0.39	0.39	0.39	1.582
2059-06-01	33	2.303	2.303	2.303	2.303	0	154.1	2.788	0.04952	0.02127	0.008253	0.008253	154.1	0.002017	0.002017	0.002017	0.002017	0.04732	0.3301	0.3301	0.3301	1.339
2059-07-01	33	1.848	1.848	1.848	1.848	0	123.6	2.236	0.03972	0.01706	0.00662	0.00662	123.6	0.001618	0.001618	0.001618	0.001618	0.03795	0.2648	0.2648	0.2648	1.074
2059-08-01	33	1.168	1.168	1.168	1.168	0	78.14	1.414	0.02512	0.01079	0.004186	0.004186	78.14	0.001023	0.001023	0.001023	0.001023	0.024	0.1674	0.1674	0.1	

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2061-06-01	35	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2061-07-01	35	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2061-08-01	35	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2061-09-01	35	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2061-10-01	35	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2061-11-01	35	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2061-12-01	35	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2062-01-01	36	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2062-02-01	36	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2062-03-01	36	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2062-04-01	36	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2062-05-01	36	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2062-06-01	36	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2062-07-01	36	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2062-08-01	36	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2062-09-01	36	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2062-10-01	36	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2062-11-01	36	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2062-12-01	36	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2063-01-01	37	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2063-02-01	37	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2063-03-01	37	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2063-04-01	37	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2063-05-01	37	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2063-06-01	37	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2063-07-01	37	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2063-08-01	37	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2063-09-01	37	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2063-10-01	37	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2063-11-01	37	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2063-12-01	37	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2064-01-01	38	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2064-02-01	38	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E				

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	
2061-06-01	35	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2061-07-01	35	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2061-08-01	35	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2061-09-01	35	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2061-10-01	35	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2061-11-01	35	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2061-12-01	35	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2062-01-01	36	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2062-02-01	36	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2062-03-01	36	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2062-04-01	36	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2062-05-01	36	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2062-06-01	36	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2062-07-01	36	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2062-08-01	36	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2062-09-01	36	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2062-10-01	36	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2062-11-01	36	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2062-12-01	36	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2063-01-01	37	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2063-02-01	37	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2063-03-01	37	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2063-04-01	37	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2063-05-01	37	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2063-06-01	37	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2063-07-01	37	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2063-08-01	37	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2063-09-01	37	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2063-10-01	37	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2063-11-01	37	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2063-12-01	37	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2064-01-01	38	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2064-02-01	38	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2064-03-01	38	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2064-04-01	38	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2064-05-01	38	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2064-06-01	38	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2064-07-01	38	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2064-08-01	38	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2064-09-01	38	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2064-10-01	38	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2064-11-01	38	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2064-12-01	38	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2065-01-01	39	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2065-02-01	39	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.									

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2066-10-01	40	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2066-11-01	40	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2066-12-01	40	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2067-01-01	41	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2067-02-01	41	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2067-03-01	41	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2067-04-01	41	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2067-05-01	41	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2067-06-01	41	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2067-07-01	41	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2067-08-01	41	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2067-09-01	41	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2067-10-01	41	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2067-11-01	41	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2067-12-01	41	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2068-01-01	42	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2068-02-01	42	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2068-03-01	42	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2068-04-01	42	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2068-05-01	42	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2068-06-01	42	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2068-07-01	42	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2068-08-01	42	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2068-09-01	42	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2068-10-01	42	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2068-11-01	42	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2068-12-01	42	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2069-01-01	43	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2069-02-01	43	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2069-03-01	43	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2069-04-01	43	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2069-05-01	43	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2069-06-01	43	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494						

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	
2066-10-01	40	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2066-11-01	40	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2066-12-01	40	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2067-01-01	41	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2067-02-01	41	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2067-03-01	41	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2067-04-01	41	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2067-05-01	41	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2067-06-01	41	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2067-07-01	41	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2067-08-01	41	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2067-09-01	41	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2067-10-01	41	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2067-11-01	41	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2067-12-01	41	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2068-01-01	42	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2068-02-01	42	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2068-03-01	42	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2068-04-01	42	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2068-05-01	42	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2068-06-01	42	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2068-07-01	42	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2068-08-01	42	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2068-09-01	42	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2068-10-01	42	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2068-11-01	42	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2068-12-01	42	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2069-01-01	43	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2069-02-01	43	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2069-03-01	43	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2069-04-01	43	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2069-05-01	43	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2069-06-01	43	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2069-07-01	43	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2069-08-01	43	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2069-09-01	43	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2069-10-01	43	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2069-11-01	43	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2069-12-01	43	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2070-01-01	44	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2070-02-01	44	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2070-03-01	44	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2070-04-01	44	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2070-05-01	44	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2070-06-01	44	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011											

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2072-02-01	46	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2072-03-01	46	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2072-04-01	46	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2072-05-01	46	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2072-06-01	46	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2072-07-01	46	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2072-08-01	46	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2072-09-01	46	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2072-10-01	46	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2072-11-01	46	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2072-12-01	46	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2073-01-01	47	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2073-02-01	47	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2073-03-01	47	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2073-04-01	47	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2073-05-01	47	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2073-06-01	47	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2073-07-01	47	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2073-08-01	47	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2073-09-01	47	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2073-10-01	47	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2073-11-01	47	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2073-12-01	47	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2074-01-01	48	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2074-02-01	48	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2074-03-01	48	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2074-04-01	48	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2074-05-01	48	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2074-06-01	48	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2074-07-01	48	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2074-08-01	48	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2074-09-01	48	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2074-10-01	48	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.0.		

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2072-02-01	46	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2072-03-01	46	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2072-04-01	46	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2072-05-01	46	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2072-06-01	46	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2072-07-01	46	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2072-08-01	46	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2072-09-01	46	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2072-10-01	46	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2072-11-01	46	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2072-12-01	46	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2073-01-01	47	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2073-02-01	47	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2073-03-01	47	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2073-04-01	47	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2073-05-01	47	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2073-06-01	47	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2073-07-01	47	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2073-08-01	47	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2073-09-01	47	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2073-10-01	47	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2073-11-01	47	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2073-12-01	47	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2074-01-01	48	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2074-02-01	48	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2074-03-01	48	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2074-04-01	48	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2074-05-01	48	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2074-06-01	48	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2074-07-01	48	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2074-08-01	48	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2074-09-01	48	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2074-10-01	48	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2074-11-01	48	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2074-12-01	48	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2075-01-01	49	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2075-02-01	49	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2075-03-01	49	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2075-04-01	49	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2075-05-01	49	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2075-06-01	49	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2075-07-01	49	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2075-08-01	49	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2075-09-01	49	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2075-10-01	49	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281							

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2077-06-01	51	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2077-07-01	51	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2077-08-01	51	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2077-09-01	51	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2077-10-01	51	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2077-11-01	51	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2077-12-01	51	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2078-01-01	52	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2078-02-01	52	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2078-03-01	52	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2078-04-01	52	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2078-05-01	52	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2078-06-01	52	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2078-07-01	52	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2078-08-01	52	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2078-09-01	52	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2078-10-01	52	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2078-11-01	52	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2078-12-01	52	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2079-01-01	53	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2079-02-01	53	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2079-03-01	53	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2079-04-01	53	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2079-05-01	53	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2079-06-01	53	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2079-07-01	53	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2079-08-01	53	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2079-09-01	53	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2079-10-01	53	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2079-11-01	53	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2079-12-01	53	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2080-01-01	54	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2080-02-01	54	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09.				

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2077-06-01	51	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2077-07-01	51	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2077-08-01	51	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2077-09-01	51	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2077-10-01	51	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2077-11-01	51	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2077-12-01	51	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2078-01-01	52	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2078-02-01	52	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2078-03-01	52	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2078-04-01	52	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2078-05-01	52	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2078-06-01	52	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2078-07-01	52	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2078-08-01	52	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2078-09-01	52	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2078-10-01	52	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2078-11-01	52	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2078-12-01	52	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2079-01-01	53	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2079-02-01	53	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2079-03-01	53	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2079-04-01	53	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2079-05-01	53	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2079-06-01	53	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2079-07-01	53	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2079-08-01	53	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2079-09-01	53	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2079-10-01	53	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2079-11-01	53	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2079-12-01	53	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2080-01-01	54	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2080-02-01	54	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2080-03-01	54	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2080-04-01	54	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2080-05-01	54	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2080-06-01	54	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2080-07-01	54	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2080-08-01	54	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2080-09-01	54	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2080-10-01	54	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2080-11-01	54	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2080-12-01	54	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2081-01-01	55	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2081-02-01	55	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784										

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2082-10-01	56	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2082-11-01	56	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2082-12-01	56	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2083-01-01	57	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2083-02-01	57	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2083-03-01	57	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2083-04-01	57	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2083-05-01	57	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2083-06-01	57	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2083-07-01	57	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2083-08-01	57	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2083-09-01	57	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2083-10-01	57	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2083-11-01	57	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2083-12-01	57	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2084-01-01	58	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2084-02-01	58	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2084-03-01	58	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2084-04-01	58	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2084-05-01	58	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2084-06-01	58	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2084-07-01	58	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2084-08-01	58	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2084-09-01	58	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2084-10-01	58	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2084-11-01	58	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2084-12-01	58	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2085-01-01	59	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2085-02-01	59	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2085-03-01	59	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2085-04-01	59	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2085-05-01	59	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2085-06-01	59	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494						

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2082-10-01	56	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2082-11-01	56	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2082-12-01	56	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2083-01-01	57	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2083-02-01	57	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2083-03-01	57	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2083-04-01	57	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2083-05-01	57	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2083-06-01	57	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2083-07-01	57	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2083-08-01	57	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2083-09-01	57	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2083-10-01	57	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2083-11-01	57	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2083-12-01	57	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2084-01-01	58	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2084-02-01	58	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2084-03-01	58	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2084-04-01	58	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2084-05-01	58	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2084-06-01	58	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2084-07-01	58	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2084-08-01	58	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2084-09-01	58	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2084-10-01	58	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2084-11-01	58	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2084-12-01	58	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2085-01-01	59	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2085-02-01	59	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2085-03-01	59	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2085-04-01	59	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2085-05-01	59	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2085-06-01	59	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2085-07-01	59	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2085-08-01	59	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2085-09-01	59	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2085-10-01	59	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2085-11-01	59	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2085-12-01	59	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2086-01-01	60	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2086-02-01	60	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2086-03-01	60	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2086-04-01	60	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2086-05-01	60	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2086-06-01	60	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.0											

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2088-02-01	62	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2088-03-01	62	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2088-04-01	62	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2088-05-01	62	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2088-06-01	62	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2088-07-01	62	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2088-08-01	62	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2088-09-01	62	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2088-10-01	62	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2088-11-01	62	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2088-12-01	62	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2089-01-01	63	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2089-02-01	63	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2089-03-01	63	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2089-04-01	63	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2089-05-01	63	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2089-06-01	63	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2089-07-01	63	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2089-08-01	63	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2089-09-01	63	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2089-10-01	63	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2089-11-01	63	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2089-12-01	63	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2090-01-01	64	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2090-02-01	64	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2090-03-01	64	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2090-04-01	64	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2090-05-01	64	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2090-06-01	64	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2090-07-01	64	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2090-08-01	64	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2090-09-01	64	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2090-10-01	64	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06		

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2088-02-01	62	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2088-03-01	62	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2088-04-01	62	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2088-05-01	62	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2088-06-01	62	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2088-07-01	62	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2088-08-01	62	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2088-09-01	62	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2088-10-01	62	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2088-11-01	62	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2088-12-01	62	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2089-01-01	63	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2089-02-01	63	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2089-03-01	63	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2089-04-01	63	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2089-05-01	63	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2089-06-01	63	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2089-07-01	63	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2089-08-01	63	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2089-09-01	63	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2089-10-01	63	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2089-11-01	63	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2089-12-01	63	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2090-01-01	64	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2090-02-01	64	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2090-03-01	64	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2090-04-01	64	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2090-05-01	64	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2090-06-01	64	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2090-07-01	64	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2090-08-01	64	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2090-09-01	64	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2090-10-01	64	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2090-11-01	64	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2090-12-01	64	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2091-01-01	65	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2091-02-01	65	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2091-03-01	65	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2091-04-01	65	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2091-05-01	65	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2091-06-01	65	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2091-07-01	65	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2091-08-01	65	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2091-09-01	65	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2091-10-01	65	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281							

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2093-06-01	67	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2093-07-01	67	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2093-08-01	67	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2093-09-01	67	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2093-10-01	67	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2093-11-01	67	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2093-12-01	67	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2094-01-01	68	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2094-02-01	68	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2094-03-01	68	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2094-04-01	68	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2094-05-01	68	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2094-06-01	68	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2094-07-01	68	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2094-08-01	68	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2094-09-01	68	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2094-10-01	68	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2094-11-01	68	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2094-12-01	68	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2095-01-01	69	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2095-02-01	69	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2095-03-01	69	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2095-04-01	69	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2095-05-01	69	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2095-06-01	69	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2095-07-01	69	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2095-08-01	69	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2095-09-01	69	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2095-10-01	69	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2095-11-01	69	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2095-12-01	69	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2096-01-01	70	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2096-02-01	70	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E				

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2093-06-01	67	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2093-07-01	67	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2093-08-01	67	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2093-09-01	67	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2093-10-01	67	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2093-11-01	67	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2093-12-01	67	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2094-01-01	68	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2094-02-01	68	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2094-03-01	68	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2094-04-01	68	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2094-05-01	68	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2094-06-01	68	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2094-07-01	68	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2094-08-01	68	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2094-09-01	68	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2094-10-01	68	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2094-11-01	68	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2094-12-01	68	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2095-01-01	69	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2095-02-01	69	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2095-03-01	69	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2095-04-01	69	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2095-05-01	69	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2095-06-01	69	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2095-07-01	69	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2095-08-01	69	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2095-09-01	69	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2095-10-01	69	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2095-11-01	69	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2095-12-01	69	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2096-01-01	70	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2096-02-01	70	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2096-03-01	70	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2096-04-01	70	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2096-05-01	70	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2096-06-01	70	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2096-07-01	70	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2096-08-01	70	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2096-09-01	70	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2096-10-01	70	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2096-11-01	70	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2096-12-01	70	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2097-01-01	71	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2097-02-01	71	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784										

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2098-10-01	72	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2098-11-01	72	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2098-12-01	72	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2099-01-01	73	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2099-02-01	73	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2099-03-01	73	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2099-04-01	73	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2099-05-01	73	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2099-06-01	73	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2099-07-01	73	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2099-08-01	73	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2099-09-01	73	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2099-10-01	73	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2099-11-01	73	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2099-12-01	73	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2100-01-01	74	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2100-02-01	74	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2100-03-01	74	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2100-04-01	74	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2100-05-01	74	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2100-06-01	74	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2100-07-01	74	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2100-08-01	74	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2100-09-01	74	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2100-10-01	74	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2100-11-01	74	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2100-12-01	74	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2101-01-01	75	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2101-02-01	75	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2101-03-01	75	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2101-04-01	75	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2101-05-01	75	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2101-06-01	75	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494						

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2098-10-01	72	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2098-11-01	72	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2098-12-01	72	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2099-01-01	73	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2099-02-01	73	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2099-03-01	73	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2099-04-01	73	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2099-05-01	73	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2099-06-01	73	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2099-07-01	73	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2099-08-01	73	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2099-09-01	73	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2099-10-01	73	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2099-11-01	73	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2099-12-01	73	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2100-01-01	74	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2100-02-01	74	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2100-03-01	74	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2100-04-01	74	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2100-05-01	74	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2100-06-01	74	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2100-07-01	74	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2100-08-01	74	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2100-09-01	74	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2100-10-01	74	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2100-11-01	74	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2100-12-01	74	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2101-01-01	75	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2101-02-01	75	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2101-03-01	75	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2101-04-01	75	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2101-05-01	75	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2101-06-01	75	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2101-07-01	75	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2101-08-01	75	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2101-09-01	75	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2101-10-01	75	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2101-11-01	75	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2101-12-01	75	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2102-01-01	76	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2102-02-01	76	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2102-03-01	76	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2102-04-01	76	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2102-05-01	76	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2102-06-01	76	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.0											

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2104-02-01	78	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2104-03-01	78	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2104-04-01	78	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2104-05-01	78	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2104-06-01	78	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2104-07-01	78	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2104-08-01	78	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2104-09-01	78	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2104-10-01	78	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2104-11-01	78	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2104-12-01	78	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2105-01-01	79	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2105-02-01	79	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2105-03-01	79	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2105-04-01	79	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2105-05-01	79	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2105-06-01	79	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2105-07-01	79	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2105-08-01	79	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2105-09-01	79	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2105-10-01	79	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2105-11-01	79	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2105-12-01	79	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2106-01-01	80	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2106-02-01	80	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2106-03-01	80	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2106-04-01	80	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2106-05-01	80	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2106-06-01	80	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2106-07-01	80	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2106-08-01	80	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2106-09-01	80	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2106-10-01	80	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06		

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	
2104-02-01	78	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2104-03-01	78	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2104-04-01	78	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2104-05-01	78	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2104-06-01	78	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2104-07-01	78	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2104-08-01	78	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2104-09-01	78	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2104-10-01	78	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2104-11-01	78	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2104-12-01	78	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2105-01-01	79	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2105-02-01	79	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2105-03-01	79	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2105-04-01	79	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2105-05-01	79	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2105-06-01	79	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2105-07-01	79	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2105-08-01	79	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2105-09-01	79	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2105-10-01	79	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2105-11-01	79	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2105-12-01	79	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2106-01-01	80	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2106-02-01	80	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2106-03-01	80	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2106-04-01	80	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2106-05-01	80	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2106-06-01	80	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2106-07-01	80	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2106-08-01	80	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2106-09-01	80	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2106-10-01	80	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2106-11-01	80	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2106-12-01	80	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2107-01-01	81	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2107-02-01	81	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2107-03-01	81	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2107-04-01	81	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2107-05-01	81	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2107-06-01	81	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2107-07-01	81	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2107-08-01	81	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2107-09-01	81	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2107-10-01	81	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0						

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2109-06-01	83	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2109-07-01	83	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2109-08-01	83	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2109-09-01	83	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2109-10-01	83	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2109-11-01	83	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2109-12-01	83	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2110-01-01	84	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2110-02-01	84	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2110-03-01	84	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2110-04-01	84	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2110-05-01	84	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2110-06-01	84	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2110-07-01	84	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2110-08-01	84	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2110-09-01	84	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2110-10-01	84	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2110-11-01	84	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2110-12-01	84	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2111-01-01	85	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2111-02-01	85	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2111-03-01	85	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2111-04-01	85	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2111-05-01	85	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2111-06-01	85	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2111-07-01	85	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2111-08-01	85	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2111-09-01	85	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2111-10-01	85	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2111-11-01	85	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2111-12-01	85	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2112-01-01	86	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2112-02-01	86	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-0				

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	
2109-06-01	83	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2109-07-01	83	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2109-08-01	83	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2109-09-01	83	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2109-10-01	83	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2109-11-01	83	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2109-12-01	83	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2110-01-01	84	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2110-02-01	84	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2110-03-01	84	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2110-04-01	84	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2110-05-01	84	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2110-06-01	84	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2110-07-01	84	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2110-08-01	84	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2110-09-01	84	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2110-10-01	84	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2110-11-01	84	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2110-12-01	84	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2111-01-01	85	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2111-02-01	85	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2111-03-01	85	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2111-04-01	85	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2111-05-01	85	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2111-06-01	85	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2111-07-01	85	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2111-08-01	85	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2111-09-01	85	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2111-10-01	85	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2111-11-01	85	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2111-12-01	85	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2112-01-01	86	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2112-02-01	86	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2112-03-01	86	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2112-04-01	86	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2112-05-01	86	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2112-06-01	86	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2112-07-01	86	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2112-08-01	86	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2112-09-01	86	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2112-10-01	86	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2112-11-01	86	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2112-12-01	86	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2113-01-01	87	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2113-02-01	87	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5									

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2114-10-01	88	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2114-11-01	88	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2114-12-01	88	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2115-01-01	89	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2115-02-01	89	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2115-03-01	89	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2115-04-01	89	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2115-05-01	89	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2115-06-01	89	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2115-07-01	89	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2115-08-01	89	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2115-09-01	89	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2115-10-01	89	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2115-11-01	89	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2115-12-01	89	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2116-01-01	90	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2116-02-01	90	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2116-03-01	90	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2116-04-01	90	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2116-05-01	90	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2116-06-01	90	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2116-07-01	90	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2116-08-01	90	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2116-09-01	90	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2116-10-01	90	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2116-11-01	90	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2116-12-01	90	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2117-01-01	91	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2117-02-01	91	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2117-03-01	91	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2117-04-01	91	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2117-05-01	91	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2117-06-01	91	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.0024						

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2114-10-01	88	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2114-11-01	88	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2114-12-01	88	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2115-01-01	89	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2115-02-01	89	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2115-03-01	89	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2115-04-01	89	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2115-05-01	89	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2115-06-01	89	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2115-07-01	89	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2115-08-01	89	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2115-09-01	89	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2115-10-01	89	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2115-11-01	89	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2115-12-01	89	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2116-01-01	90	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2116-02-01	90	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2116-03-01	90	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2116-04-01	90	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2116-05-01	90	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2116-06-01	90	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2116-07-01	90	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2116-08-01	90	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2116-09-01	90	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2116-10-01	90	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2116-11-01	90	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2116-12-01	90	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2117-01-01	91	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2117-02-01	91	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2117-03-01	91	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2117-04-01	91	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2117-05-01	91	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2117-06-01	91	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2117-07-01	91	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2117-08-01	91	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2117-09-01	91	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2117-10-01	91	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2117-11-01	91	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2117-12-01	91	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2118-01-01	92	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2118-02-01	92	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2118-03-01	92	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2118-04-01	92	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2118-05-01	92	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2118-06-01	92	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.											

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2120-02-01	94	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2120-03-01	94	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2120-04-01	94	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2120-05-01	94	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2120-06-01	94	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2120-07-01	94	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2120-08-01	94	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2120-09-01	94	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2120-10-01	94	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2120-11-01	94	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2120-12-01	94	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2121-01-01	95	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2121-02-01	95	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2121-03-01	95	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2121-04-01	95	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2121-05-01	95	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2121-06-01	95	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2121-07-01	95	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2121-08-01	95	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2121-09-01	95	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2121-10-01	95	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2121-11-01	95	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0.00E+00	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	3.57E-02	0.03565	13.03
2121-12-01	95	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0.00E+00	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2122-01-01	96	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2122-02-01	96	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2122-03-01	96	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2122-04-01	96	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2122-05-01	96	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2122-06-01	96	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2122-07-01	96	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2122-08-01	96	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2122-09-01	96	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2122-10-01	96	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.0605		

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium kg/d	Lithium kg/d	Magnesium kg/d	Manganese kg/d	Molybdenum kg/d	Silicon kg/d	Sodium kg/d	Nickel kg/d	Lead kg/d	Antimony kg/d	Selenium kg/d	Tin kg/d	Strontium kg/d	Titanium kg/d	Thallium kg/d	Uranium kg/d	Vanadium kg/d	Tungsten kg/d	Yttrium kg/d	Zinc kg/d	Phosphorous kg/d
2120-02-01	94	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2120-03-01	94	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2120-04-01	94	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2120-05-01	94	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2120-06-01	94	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2120-07-01	94	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2120-08-01	94	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2120-09-01	94	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2120-10-01	94	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2120-11-01	94	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2120-12-01	94	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2121-01-01	95	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2121-02-01	95	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2121-03-01	95	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2121-04-01	95	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2121-05-01	95	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2121-06-01	95	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2121-07-01	95	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2121-08-01	95	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2121-09-01	95	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2121-10-01	95	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2121-11-01	95	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2121-12-01	95	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2122-01-01	96	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2122-02-01	96	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2122-03-01	96	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2122-04-01	96	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2122-05-01	96	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2122-06-01	96	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2122-07-01	96	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2122-08-01	96	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2122-09-01	96	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2122-10-01	96	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2122-11-01	96	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2122-12-01	96	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2123-01-01	97	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2123-02-01	97	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2123-03-01	97	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2123-04-01	97	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2123-05-01	97	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2123-06-01	97	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2123-07-01	97	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2123-08-01	97	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2123-09-01	97	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2123-10-01	97	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2125-06-01	99	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2125-07-01	99	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2125-08-01	99	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2125-09-01	99	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2125-10-01	99	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2125-11-01	99	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2125-12-01	99	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2126-01-01	100	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2126-02-01	100	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2126-03-01	100	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2126-04-01	100	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2126-05-01	100	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2126-06-01	100	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2126-07-01	100	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2126-08-01	100	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2126-09-01	100	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2126-10-01	100	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2126-11-01	100	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2126-12-01	100	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2127-01-01	101	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2127-02-01	101	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2127-03-01	101	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2127-04-01	101	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2127-05-01	101	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2127-06-01	101	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2127-07-01	101	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2127-08-01	101	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2127-09-01	101	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2127-10-01	101	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2127-11-01	101	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2127-12-01	101	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2128-01-01	102	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2128-02-01	102	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779			

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2125-06-01	99	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2125-07-01	99	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2125-08-01	99	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2125-09-01	99	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2125-10-01	99	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2125-11-01	99	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2125-12-01	99	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2126-01-01	100	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2126-02-01	100	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2126-03-01	100	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2126-04-01	100	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2126-05-01	100	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2126-06-01	100	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2126-07-01	100	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2126-08-01	100	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2126-09-01	100	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2126-10-01	100	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2126-11-01	100	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2126-12-01	100	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2127-01-01	101	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2127-02-01	101	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2127-03-01	101	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2127-04-01	101	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2127-05-01	101	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2127-06-01	101	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2127-07-01	101	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2127-08-01	101	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2127-09-01	101	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2127-10-01	101	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2127-11-01	101	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2127-12-01	101	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2128-01-01	102	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2128-02-01	102	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2128-03-01	102	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2128-04-01	102	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2128-05-01	102	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2128-06-01	102	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2128-07-01	102	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2128-08-01	102	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2128-09-01	102	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2128-10-01	102	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2128-11-01	102	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2128-12-01	102	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2129-01-01	103	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2129-02-01	103	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167													

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2130-10-01	104	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2130-11-01	104	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2130-12-01	104	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2131-01-01	105	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2131-02-01	105	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2131-03-01	105	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2131-04-01	105	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2131-05-01	105	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2131-06-01	105	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2131-07-01	105	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2131-08-01	105	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2131-09-01	105	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2131-10-01	105	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2131-11-01	105	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2131-12-01	105	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2132-01-01	106	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2132-02-01	106	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2132-03-01	106	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2132-04-01	106	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2132-05-01	106	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2132-06-01	106	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2132-07-01	106	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2132-08-01	106	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2132-09-01	106	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2132-10-01	106	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2132-11-01	106	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2132-12-01	106	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2133-01-01	107	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2133-02-01	107	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2133-03-01	107	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2133-04-01	107	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2133-05-01	107	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2133-06-01	107	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.00249					

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	
2130-10-01	104	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2130-11-01	104	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2130-12-01	104	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2131-01-01	105	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2131-02-01	105	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2131-03-01	105	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2131-04-01	105	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2131-05-01	105	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2131-06-01	105	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2131-07-01	105	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2131-08-01	105	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2131-09-01	105	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2131-10-01	105	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2131-11-01	105	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2131-12-01	105	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2132-01-01	106	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2132-02-01	106	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2132-03-01	106	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2132-04-01	106	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2132-05-01	106	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2132-06-01	106	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2132-07-01	106	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2132-08-01	106	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2132-09-01	106	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2132-10-01	106	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2132-11-01	106	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2132-12-01	106	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2133-01-01	107	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2133-02-01	107	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2133-03-01	107	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2133-04-01	107	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2133-05-01	107	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2133-06-01	107	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2133-07-01	107	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2133-08-01	107	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2133-09-01	107	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2133-10-01	107	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2133-11-01	107	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2133-12-01	107	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2134-01-01	108	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2134-02-01	108	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2134-03-01	108	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2134-04-01	108	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2134-05-01	108	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2134-06-01	108	3.071	3.071	3.071	3.071	0	205.4															

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2136-02-01	110	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2136-03-01	110	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2136-04-01	110	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2136-05-01	110	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2136-06-01	110	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2136-07-01	110	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2136-08-01	110	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2136-09-01	110	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2136-10-01	110	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2136-11-01	110	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2136-12-01	110	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2137-01-01	111	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2137-02-01	111	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2137-03-01	111	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2137-04-01	111	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2137-05-01	111	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2137-06-01	111	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2137-07-01	111	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2137-08-01	111	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2137-09-01	111	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2137-10-01	111	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2137-11-01	111	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2137-12-01	111	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2138-01-01	112	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2138-02-01	112	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2138-03-01	112	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2138-04-01	112	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2138-05-01	112	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2138-06-01	112	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2138-07-01	112	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2138-08-01	112	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2138-09-01	112	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2138-10-01	112	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057		

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium kg/d	Lithium kg/d	Magnesium kg/d	Manganese kg/d	Molybdenum kg/d	Silicon kg/d	Sodium kg/d	Nickel kg/d	Lead kg/d	Antimony kg/d	Selenium kg/d	Tin kg/d	Strontium kg/d	Titanium kg/d	Thallium kg/d	Uranium kg/d	Vanadium kg/d	Tungsten kg/d	Yttrium kg/d	Zinc kg/d	Phosphorous kg/d
2136-02-01	110	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2136-03-01	110	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2136-04-01	110	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2136-05-01	110	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2136-06-01	110	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2136-07-01	110	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2136-08-01	110	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2136-09-01	110	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2136-10-01	110	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2136-11-01	110	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2136-12-01	110	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2137-01-01	111	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2137-02-01	111	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2137-03-01	111	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2137-04-01	111	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2137-05-01	111	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2137-06-01	111	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2137-07-01	111	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2137-08-01	111	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2137-09-01	111	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2137-10-01	111	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2137-11-01	111	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2137-12-01	111	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2138-01-01	112	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2138-02-01	112	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2138-03-01	112	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2138-04-01	112	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2138-05-01	112	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2138-06-01	112	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2138-07-01	112	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2138-08-01	112	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2138-09-01	112	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2138-10-01	112	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2138-11-01	112	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2138-12-01	112	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2139-01-01	113	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2139-02-01	113	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2139-03-01	113	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2139-04-01	113	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2139-05-01	113	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2139-06-01	113	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2139-07-01	113	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2139-08-01	113	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2139-09-01	113	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2139-10-01	113	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281					

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2141-06-01	115	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2141-07-01	115	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2141-08-01	115	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2141-09-01	115	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2141-10-01	115	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2141-11-01	115	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2141-12-01	115	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2142-01-01	116	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2142-02-01	116	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2142-03-01	116	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2142-04-01	116	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2142-05-01	116	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2142-06-01	116	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2142-07-01	116	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2142-08-01	116	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2142-09-01	116	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2142-10-01	116	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2142-11-01	116	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2142-12-01	116	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2143-01-01	117	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2143-02-01	117	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2143-03-01	117	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2143-04-01	117	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2143-05-01	117	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2143-06-01	117	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2143-07-01	117	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2143-08-01	117	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2143-09-01	117	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2143-10-01	117	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2143-11-01	117	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2143-12-01	117	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2144-01-01	118	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2144-02-01	118	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004			

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	
2141-06-01	115	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2141-07-01	115	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2141-08-01	115	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2141-09-01	115	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2141-10-01	115	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2141-11-01	115	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2141-12-01	115	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2142-01-01	116	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2142-02-01	116	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2142-03-01	116	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2142-04-01	116	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2142-05-01	116	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2142-06-01	116	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2142-07-01	116	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2142-08-01	116	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2142-09-01	116	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2142-10-01	116	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2142-11-01	116	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2142-12-01	116	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2143-01-01	117	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2143-02-01	117	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2143-03-01	117	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2143-04-01	117	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2143-05-01	117	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2143-06-01	117	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2143-07-01	117	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2143-08-01	117	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2143-09-01	117	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2143-10-01	117	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2143-11-01	117	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2143-12-01	117	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2144-01-01	118	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2144-02-01	118	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2144-03-01	118	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2144-04-01	118	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2144-05-01	118	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2144-06-01	118	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2144-07-01	118	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2144-08-01	118	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2144-09-01	118	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2144-10-01	118	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2144-11-01	118	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2144-12-01	118	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2145-01-01	119	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2145-02-01	119	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167													

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2146-10-01	120	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2146-11-01	120	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2146-12-01	120	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2147-01-01	121	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2147-02-01	121	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2147-03-01	121	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2147-04-01	121	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2147-05-01	121	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2147-06-01	121	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2147-07-01	121	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2147-08-01	121	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2147-09-01	121	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2147-10-01	121	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2147-11-01	121	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2147-12-01	121	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2148-01-01	122	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2148-02-01	122	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2148-03-01	122	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2148-04-01	122	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2148-05-01	122	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2148-06-01	122	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2148-07-01	122	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2148-08-01	122	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2148-09-01	122	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2148-10-01	122	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2148-11-01	122	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2148-12-01	122	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2149-01-01	123	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2149-02-01	123	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2149-03-01	123	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2149-04-01	123	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2149-05-01	123	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2149-06-01	123	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.00240					

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2146-10-01	120	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2146-11-01	120	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2146-12-01	120	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2147-01-01	121	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2147-02-01	121	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2147-03-01	121	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2147-04-01	121	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2147-05-01	121	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2147-06-01	121	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2147-07-01	121	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2147-08-01	121	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2147-09-01	121	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2147-10-01	121	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2147-11-01	121	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2147-12-01	121	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2148-01-01	122	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2148-02-01	122	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2148-03-01	122	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2148-04-01	122	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2148-05-01	122	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2148-06-01	122	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2148-07-01	122	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2148-08-01	122	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2148-09-01	122	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2148-10-01	122	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2148-11-01	122	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2148-12-01	122	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2149-01-01	123	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2149-02-01	123	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2149-03-01	123	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2149-04-01	123	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2149-05-01	123	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2149-06-01	123	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2149-07-01	123	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2149-08-01	123	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2149-09-01	123	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2149-10-01	123	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2149-11-01	123	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2149-12-01	123	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2150-01-01	124	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2150-02-01	124	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2150-03-01	124	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2150-04-01	124	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2150-05-01	124	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2150-06-01	124	3.071	3.071	3.071	3.071	0	2															

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2152-02-01	126	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2152-03-01	126	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2152-04-01	126	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2152-05-01	126	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2152-06-01	126	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2152-07-01	126	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2152-08-01	126	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2152-09-01	126	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2152-10-01	126	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2152-11-01	126	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2152-12-01	126	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2153-01-01	127	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2153-02-01	127	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2153-03-01	127	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2153-04-01	127	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2153-05-01	127	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2153-06-01	127	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2153-07-01	127	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2153-08-01	127	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2153-09-01	127	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2153-10-01	127	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2153-11-01	127	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2153-12-01	127	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2154-01-01	128	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2154-02-01	128	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2154-03-01	128	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2154-04-01	128	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2154-05-01	128	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2154-06-01	128	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2154-07-01	128	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2154-08-01	128	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2154-09-01	128	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2154-10-01	128	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06056		

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2152-02-01	126	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2152-03-01	126	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2152-04-01	126	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2152-05-01	126	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2152-06-01	126	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2152-07-01	126	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2152-08-01	126	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2152-09-01	126	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2152-10-01	126	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2152-11-01	126	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2152-12-01	126	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2153-01-01	127	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2153-02-01	127	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2153-03-01	127	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2153-04-01	127	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2153-05-01	127	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2153-06-01	127	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2153-07-01	127	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2153-08-01	127	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2153-09-01	127	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2153-10-01	127	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2153-11-01	127	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2153-12-01	127	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2154-01-01	128	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2154-02-01	128	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2154-03-01	128	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2154-04-01	128	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2154-05-01	128	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2154-06-01	128	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2154-07-01	128	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2154-08-01	128	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2154-09-01	128	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2154-10-01	128	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2154-11-01	128	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2154-12-01	128	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2155-01-01	129	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2155-02-01	129	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2155-03-01	129	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2155-04-01	129	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2155-05-01	129	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2155-06-01	129	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2155-07-01	129	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2155-08-01	129	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2155-09-01	129	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2155-10-01	129	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242											

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2157-06-01	131	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2157-07-01	131	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2157-08-01	131	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2157-09-01	131	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2157-10-01	131	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2157-11-01	131	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2157-12-01	131	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2158-01-01	132	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2158-02-01	132	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2158-03-01	132	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2158-04-01	132	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2158-05-01	132	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2158-06-01	132	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2158-07-01	132	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2158-08-01	132	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2158-09-01	132	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2158-10-01	132	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2158-11-01	132	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2158-12-01	132	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2159-01-01	133	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2159-02-01	133	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2159-03-01	133	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2159-04-01	133	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2159-05-01	133	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2159-06-01	133	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2159-07-01	133	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2159-08-01	133	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2159-09-01	133	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2159-10-01	133	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2159-11-01	133	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2159-12-01	133	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2160-01-01	134	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2160-02-01	134	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004			

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	
2157-06-01	131	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2157-07-01	131	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2157-08-01	131	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2157-09-01	131	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2157-10-01	131	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2157-11-01	131	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2157-12-01	131	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2158-01-01	132	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2158-02-01	132	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2158-03-01	132	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2158-04-01	132	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2158-05-01	132	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2158-06-01	132	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2158-07-01	132	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2158-08-01	132	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2158-09-01	132	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2158-10-01	132	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2158-11-01	132	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2158-12-01	132	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2159-01-01	133	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2159-02-01	133	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2159-03-01	133	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2159-04-01	133	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2159-05-01	133	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2159-06-01	133	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2159-07-01	133	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2159-08-01	133	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2159-09-01	133	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2159-10-01	133	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2159-11-01	133	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2159-12-01	133	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2160-01-01	134	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2160-02-01	134	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2160-03-01	134	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2160-04-01	134	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2160-05-01	134	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2160-06-01	134	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2160-07-01	134	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2160-08-01	134	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2160-09-01	134	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2160-10-01	134	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2160-11-01	134	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2160-12-01	134	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2161-01-01	135	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2161-02-01	135	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167													

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2162-10-01	136	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2162-11-01	136	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2162-12-01	136	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2163-01-01	137	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2163-02-01	137	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2163-03-01	137	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2163-04-01	137	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2163-05-01	137	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2163-06-01	137	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2163-07-01	137	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2163-08-01	137	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2163-09-01	137	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2163-10-01	137	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2163-11-01	137	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2163-12-01	137	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2164-01-01	138	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2164-02-01	138	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2164-03-01	138	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2164-04-01	138	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2164-05-01	138	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2164-06-01	138	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2164-07-01	138	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2164-08-01	138	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2164-09-01	138	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2164-10-01	138	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2164-11-01	138	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2164-12-01	138	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2165-01-01	139	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2165-02-01	139	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2165-03-01	139	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2165-04-01	139	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2165-05-01	139	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2165-06-01	139	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.00249					

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	
2162-10-01	136	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2162-11-01	136	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2162-12-01	136	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2163-01-01	137	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2163-02-01	137	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2163-03-01	137	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2163-04-01	137	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2163-05-01	137	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2163-06-01	137	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2163-07-01	137	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2163-08-01	137	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2163-09-01	137	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2163-10-01	137	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2163-11-01	137	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2163-12-01	137	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2164-01-01	138	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2164-02-01	138	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2164-03-01	138	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2164-04-01	138	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2164-05-01	138	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2164-06-01	138	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2164-07-01	138	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2164-08-01	138	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2164-09-01	138	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2164-10-01	138	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2164-11-01	138	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2164-12-01	138	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2165-01-01	139	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2165-02-01	139	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2165-03-01	139	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2165-04-01	139	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2165-05-01	139	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2165-06-01	139	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2165-07-01	139	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2165-08-01	139	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2165-09-01	139	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2165-10-01	139	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2165-11-01	139	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2165-12-01	139	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2166-01-01	140	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2166-02-01	140	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2166-03-01	140	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2166-04-01	140	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2166-05-01	140	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2166-06-01	140	3.071	3.071	3.071	3.071	0	205.4															

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2168-02-01	142	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2168-03-01	142	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2168-04-01	142	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2168-05-01	142	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2168-06-01	142	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2168-07-01	142	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2168-08-01	142	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2168-09-01	142	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2168-10-01	142	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2168-11-01	142	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2168-12-01	142	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2169-01-01	143	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2169-02-01	143	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2169-03-01	143	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2169-04-01	143	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2169-05-01	143	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2169-06-01	143	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2169-07-01	143	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2169-08-01	143	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2169-09-01	143	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2169-10-01	143	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2169-11-01	143	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2169-12-01	143	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2170-01-01	144	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2170-02-01	144	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2170-03-01	144	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2170-04-01	144	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2170-05-01	144	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2170-06-01	144	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2170-07-01	144	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2170-08-01	144	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2170-09-01	144	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2170-10-01	144	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06056		

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	
2168-02-01	142	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2168-03-01	142	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2168-04-01	142	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2168-05-01	142	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2168-06-01	142	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2168-07-01	142	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2168-08-01	142	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2168-09-01	142	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2168-10-01	142	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2168-11-01	142	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2168-12-01	142	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2169-01-01	143	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2169-02-01	143	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2169-03-01	143	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2169-04-01	143	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2169-05-01	143	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2169-06-01	143	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2169-07-01	143	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2169-08-01	143	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2169-09-01	143	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2169-10-01	143	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2169-11-01	143	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2169-12-01	143	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2170-01-01	144	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2170-02-01	144	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2170-03-01	144	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2170-04-01	144	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2170-05-01	144	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2170-06-01	144	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2170-07-01	144	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2170-08-01	144	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2170-09-01	144	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2170-10-01	144	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2170-11-01	144	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2170-12-01	144	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2171-01-01	145	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2171-02-01	145	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2171-03-01	145	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2171-04-01	145	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2171-05-01	145	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2171-06-01	145	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2171-07-01	145	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2171-08-01	145	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2171-09-01	145	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2171-10-01	145	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005										

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2173-06-01	147	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2173-07-01	147	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2173-08-01	147	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2173-09-01	147	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2173-10-01	147	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2173-11-01	147	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2173-12-01	147	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2174-01-01	148	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2174-02-01	148	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2174-03-01	148	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2174-04-01	148	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2174-05-01	148	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2174-06-01	148	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2174-07-01	148	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2174-08-01	148	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2174-09-01	148	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2174-10-01	148	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2174-11-01	148	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2174-12-01	148	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2175-01-01	149	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2175-02-01	149	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2175-03-01	149	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2175-04-01	149	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2175-05-01	149	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2175-06-01	149	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2175-07-01	149	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2175-08-01	149	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2175-09-01	149	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2175-10-01	149	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2175-11-01	149	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2175-12-01	149	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2176-01-01	150	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2176-02-01	150	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004			

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2173-06-01	147	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2173-07-01	147	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2173-08-01	147	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2173-09-01	147	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2173-10-01	147	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2173-11-01	147	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2173-12-01	147	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2174-01-01	148	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2174-02-01	148	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2174-03-01	148	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2174-04-01	148	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2174-05-01	148	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2174-06-01	148	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2174-07-01	148	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2174-08-01	148	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2174-09-01	148	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2174-10-01	148	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2174-11-01	148	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2174-12-01	148	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2175-01-01	149	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2175-02-01	149	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2175-03-01	149	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2175-04-01	149	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2175-05-01	149	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2175-06-01	149	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2175-07-01	149	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2175-08-01	149	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2175-09-01	149	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2175-10-01	149	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2175-11-01	149	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2175-12-01	149	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2176-01-01	150	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2176-02-01	150	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2176-03-01	150	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2176-04-01	150	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2176-05-01	150	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2176-06-01	150	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2176-07-01	150	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2176-08-01	150	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2176-09-01	150	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2176-10-01	150	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2176-11-01	150	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2176-12-01	150	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2177-01-01	151	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2177-02-01	151	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.0													

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2178-10-01	152	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2178-11-01	152	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2178-12-01	152	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2179-01-01	153	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2179-02-01	153	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2179-03-01	153	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2179-04-01	153	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2179-05-01	153	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2179-06-01	153	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2179-07-01	153	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2179-08-01	153	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2179-09-01	153	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2179-10-01	153	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2179-11-01	153	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2179-12-01	153	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2180-01-01	154	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2180-02-01	154	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2180-03-01	154	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2180-04-01	154	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2180-05-01	154	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2180-06-01	154	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2180-07-01	154	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2180-08-01	154	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2180-09-01	154	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2180-10-01	154	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2180-11-01	154	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2180-12-01	154	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2181-01-01	155	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2181-02-01	155	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2181-03-01	155	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2181-04-01	155	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2181-05-01	155	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2181-06-01	155	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.00240					

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2178-10-01	152	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2178-11-01	152	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2178-12-01	152	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2179-01-01	153	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2179-02-01	153	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2179-03-01	153	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2179-04-01	153	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2179-05-01	153	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2179-06-01	153	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2179-07-01	153	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2179-08-01	153	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2179-09-01	153	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2179-10-01	153	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2179-11-01	153	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2179-12-01	153	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2180-01-01	154	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2180-02-01	154	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2180-03-01	154	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2180-04-01	154	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2180-05-01	154	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2180-06-01	154	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2180-07-01	154	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2180-08-01	154	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2180-09-01	154	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2180-10-01	154	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2180-11-01	154	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2180-12-01	154	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2181-01-01	155	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2181-02-01	155	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2181-03-01	155	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2181-04-01	155	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2181-05-01	155	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2181-06-01	155	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2181-07-01	155	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2181-08-01	155	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2181-09-01	155	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2181-10-01	155	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2181-11-01	155	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2181-12-01	155	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2182-01-01	156	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2182-02-01	156	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2182-03-01	156	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2182-04-01	156	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2182-05-01	156	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2182-06-01	156	3.071	3.071	3.071	3.071	0	2															

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2184-02-01	158	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2184-03-01	158	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2184-04-01	158	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2184-05-01	158	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2184-06-01	158	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2184-07-01	158	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2184-08-01	158	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2184-09-01	158	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2184-10-01	158	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2184-11-01	158	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2184-12-01	158	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2185-01-01	159	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2185-02-01	159	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2185-03-01	159	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2185-04-01	159	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2185-05-01	159	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2185-06-01	159	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2185-07-01	159	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2185-08-01	159	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2185-09-01	159	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2185-10-01	159	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2185-11-01	159	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2185-12-01	159	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2186-01-01	160	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2186-02-01	160	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2186-03-01	160	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2186-04-01	160	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2186-05-01	160	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2186-06-01	160	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2186-07-01	160	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2186-08-01	160	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2186-09-01	160	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2186-10-01	160	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057		

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2184-02-01	158	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2184-03-01	158	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2184-04-01	158	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2184-05-01	158	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2184-06-01	158	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2184-07-01	158	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2184-08-01	158	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2184-09-01	158	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2184-10-01	158	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2184-11-01	158	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2184-12-01	158	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2185-01-01	159	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2185-02-01	159	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2185-03-01	159	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2185-04-01	159	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2185-05-01	159	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2185-06-01	159	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2185-07-01	159	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2185-08-01	159	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2185-09-01	159	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2185-10-01	159	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2185-11-01	159	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2185-12-01	159	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2186-01-01	160	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2186-02-01	160	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2186-03-01	160	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2186-04-01	160	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2186-05-01	160	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2186-06-01	160	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2186-07-01	160	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2186-08-01	160	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2186-09-01	160	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2186-10-01	160	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2186-11-01	160	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2186-12-01	160	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2187-01-01	161	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2187-02-01	161	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2187-03-01	161	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2187-04-01	161	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2187-05-01	161	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2187-06-01	161	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2187-07-01	161	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2187-08-01	161	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2187-09-01	161	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2187-10-01	161	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242											

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2189-06-01	163	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2189-07-01	163	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2189-08-01	163	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2189-09-01	163	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2189-10-01	163	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2189-11-01	163	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2189-12-01	163	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2190-01-01	164	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2190-02-01	164	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2190-03-01	164	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2190-04-01	164	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2190-05-01	164	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2190-06-01	164	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2190-07-01	164	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2190-08-01	164	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2190-09-01	164	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2190-10-01	164	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2190-11-01	164	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2190-12-01	164	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2191-01-01	165	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2191-02-01	165	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2191-03-01	165	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2191-04-01	165	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2191-05-01	165	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2191-06-01	165	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2191-07-01	165	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2191-08-01	165	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2191-09-01	165	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2191-10-01	165	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2191-11-01	165	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2191-12-01	165	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2192-01-01	166	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2192-02-01	166	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.						

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2189-06-01	163	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2189-07-01	163	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2189-08-01	163	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2189-09-01	163	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2189-10-01	163	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2189-11-01	163	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2189-12-01	163	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2190-01-01	164	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2190-02-01	164	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2190-03-01	164	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2190-04-01	164	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2190-05-01	164	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2190-06-01	164	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2190-07-01	164	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2190-08-01	164	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2190-09-01	164	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2190-10-01	164	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2190-11-01	164	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2190-12-01	164	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2191-01-01	165	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2191-02-01	165	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2191-03-01	165	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2191-04-01	165	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2191-05-01	165	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2191-06-01	165	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2191-07-01	165	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2191-08-01	165	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2191-09-01	165	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2191-10-01	165	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2191-11-01	165	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2191-12-01	165	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2192-01-01	166	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2192-02-01	166	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2192-03-01	166	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2192-04-01	166	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2192-05-01	166	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2192-06-01	166	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2192-07-01	166	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2192-08-01	166	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2192-09-01	166	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2192-10-01	166	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2192-11-01	166	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2192-12-01	166	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2193-01-01	167	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2193-02-01	167	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.0													

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2194-10-01	168	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2194-11-01	168	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2194-12-01	168	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2195-01-01	169	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2195-02-01	169	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2195-03-01	169	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2195-04-01	169	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2195-05-01	169	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2195-06-01	169	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2195-07-01	169	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2195-08-01	169	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2195-09-01	169	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2195-10-01	169	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2195-11-01	169	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2195-12-01	169	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2196-01-01	170	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2196-02-01	170	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2196-03-01	170	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2196-04-01	170	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2196-05-01	170	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2196-06-01	170	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2196-07-01	170	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2196-08-01	170	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2196-09-01	170	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2196-10-01	170	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2196-11-01	170	57.59	65.81	6.99E-04	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	6.99E-04	6.99E-04	6.99E-04	0.005485	0.03565	0.03565	13.03
2196-12-01	170	12.54	14.33	1.52E-04	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	1.52E-04	1.52E-04	1.52E-04	0.001194	0.007762	0.007762	2.838
2197-01-01	171	2.857	3.266	3.47E-05	0	0	0.0517	0	0	8.69E-06	0.07756	0	0.0007824	0	0	0	3.47E-05	3.47E-05	3.47E-05	0.0002721	0.001769	0.001769	0.6466
2197-02-01	171	5.197	5.94	6.31E-05	0	0	0.09404	0	0	1.58E-05	0.1411	0	0.001423	0	0	0	6.31E-05	6.31E-05	6.31E-05	0.000495	0.003217	0.003217	1.176
2197-03-01	171	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2197-04-01	171	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2197-05-01	171	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2197-06-01	171	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.0562										

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2194-10-01	168	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2194-11-01	168	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2194-12-01	168	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2195-01-01	169	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2195-02-01	169	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2195-03-01	169	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2195-04-01	169	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2195-05-01	169	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2195-06-01	169	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2195-07-01	169	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2195-08-01	169	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2195-09-01	169	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2195-10-01	169	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2195-11-01	169	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2195-12-01	169	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2196-01-01	170	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2196-02-01	170	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2196-03-01	170	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2196-04-01	170	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2196-05-01	170	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2196-06-01	170	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2196-07-01	170	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2196-08-01	170	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2196-09-01	170	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2196-10-01	170	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2196-11-01	170	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2196-12-01	170	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2197-01-01	171	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2197-02-01	171	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2197-03-01	171	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2197-04-01	171	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2197-05-01	171	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2197-06-01	171	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2197-07-01	171	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2197-08-01	171	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2197-09-01	171	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2197-10-01	171	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2197-11-01	171	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.01769	0.1234	0.1234	0.1234	0.5005
2197-12-01	171	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	1.64E-04	1.64E-04	1.64E-04	1.64E-04	0.003851	0.02687	0.02687	0.02687	0.109
2198-01-01	172	0.04272	0.04272	0.04272	0.04272	0	2.857	0.0517	0.0009184	0.0003946	0.0001531	0.0001531	2.857	3.74E-05	3.74E-05	3.74E-05	3.74E-05	0.0008776	0.006123	0.006123	0.006123	0.02483
2198-02-01	172	0.07771	0.07771	0.07771	0.07771	0	5.197	0.09404	0.00167	0.0007177	0.0002784	0.0002784	5.197	6.81E-05	6.81E-05	6.81E-05	6.81E-05	0.001596	0.01114	0.01114	0.01114	0.04517
2198-03-01	172	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2198-04-01	172	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2198-05-01	172	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2198-06-01	172	3.071	3.071	3.071	3.071	0	2															

Reclaimed WRD East Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2200-02-01	174	5.018	5.735	6.09E-05	0	0	0.0908	0	0	1.53E-05	0.1362	0	0.001374	0	0	0	6.09E-05	6.09E-05	6.09E-05	0.0004779	0.003106	0.003106	1.136
2200-03-01	174	23.71	27.1	0.0002879	0	0	0.4291	0	0	7.21E-05	0.6436	0	0.006493	0	0	0	0.0002879	0.0002879	0.0002879	0.002258	0.01468	0.01468	5.367
2200-04-01	174	138.7	158.5	0.001684	0	0	2.51	0	0	0.0004217	3.765	0	0.03798	0	0	0	0.001684	0.001684	0.001684	0.01321	0.08586	0.08586	31.39
2200-05-01	174	242.6	277.3	0.002946	0	0	4.39	0	0	0.0007376	6.585	0	0.06643	0	0	0	0.002946	0.002946	0.002946	0.02311	0.1502	0.1502	54.9
2200-06-01	174	205.4	234.7	0.002494	0	0	3.716	0	0	0.0006244	5.574	0	0.05623	0	0	0	0.002494	0.002494	0.002494	0.01956	0.1271	0.1271	46.48
2200-07-01	174	164.7	188.3	0.002	0	0	2.981	0	0	0.0005008	4.471	0	0.0451	0	0	0	0.002	0.002	0.002	0.01569	0.102	0.102	37.28
2200-08-01	174	104.2	119	0.001265	0	0	1.885	0	0	0.0003167	2.827	0	0.02852	0	0	0	0.001265	0.001265	0.001265	0.00992	0.06448	0.06448	23.57
2200-09-01	174	123.5	141.1	0.001499	0	0	2.234	0	0	0.0003754	3.351	0	0.03381	0	0	0	0.001499	0.001499	0.001499	0.01176	0.07643	0.07643	27.94
2200-10-01	174	97.85	111.8	0.001188	0	0	1.771	0	0	2.98E-04	2.656	0	0.02679	0	0	0	0.001188	0.001188	0.001188	0.009319	0.06057	0.06057	22.14
2200-11-01	174	57.59	65.81	0.0006993	0	0	1.042	0	0	1.75E-04	1.563	0	0.01577	0	0	0	0.0006993	0.0006993	0.0006993	0.005485	0.03565	0.03565	13.03
2200-12-01	174	12.54	14.33	0.0001523	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	0.0001523	0.0001523	0.0001523	0.001194	0.007762	0.007762	2.838
2200-12-31		12.54	14.33	0.0001523	0	0	0.2269	0	0	3.81E-05	0.3403	0	0.003433	0	0	0	0.0001523	0.0001523	0.0001523	0.001194	0.007762	0.007762	2.838

Reclaimed WRD East Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2200-02-01	174	0.07503	0.07503	0.07503	0.07503	0	5.018	0.0908	0.001613	0.0006929	0.0002688	0.0002688	5.018	6.57E-05	6.57E-05	6.57E-05	6.57E-05	0.001541	0.01075	0.01075	0.01075	0.04361
2200-03-01	174	0.3546	0.3546	0.3546	0.3546	0	23.71	0.4291	0.007622	0.003275	0.00127	0.00127	23.71	0.0003105	0.0003105	0.0003105	0.0003105	0.007283	0.05081	0.05081	0.05081	0.2061
2200-04-01	174	2.074	2.074	2.074	2.074	0	138.7	2.51	0.04458	0.01915	0.00743	0.00743	138.7	0.001816	0.001816	0.001816	0.001816	0.0426	0.2972	0.2972	0.2972	1.205
2200-05-01	174	3.628	3.628	3.628	3.628	0	242.6	4.39	0.07798	0.0335	0.013	0.013	242.6	0.003177	0.003177	0.003177	0.003177	0.07452	0.5199	0.5199	0.5199	2.108
2200-06-01	174	3.071	3.071	3.071	3.071	0	205.4	3.716	0.06601	0.02836	0.011	0.011	205.4	0.002689	0.002689	0.002689	0.002689	0.06308	0.4401	0.4401	0.4401	1.785
2200-07-01	174	2.463	2.463	2.463	2.463	0	164.7	2.981	0.05295	0.02275	0.008825	0.008825	164.7	0.002157	0.002157	0.002157	0.002157	0.05059	0.353	0.353	0.353	1.432
2200-08-01	174	1.558	1.558	1.558	1.558	0	104.2	1.885	0.03348	0.01438	0.00558	0.00558	104.2	0.001364	0.001364	0.001364	0.001364	0.03199	0.2232	0.2232	0.2232	0.9052
2200-09-01	174	1.846	1.846	1.846	1.846	0	123.5	2.234	0.03969	0.01705	0.006614	0.006614	123.5	0.001617	0.001617	0.001617	0.001617	0.03792	0.2646	0.2646	0.2646	1.073
2200-10-01	174	1.463	1.463	1.463	1.463	0	97.85	1.771	0.03145	0.01351	0.005242	0.005242	97.85	0.001281	0.001281	0.001281	0.001281	0.03005	0.2097	0.2097	0.2097	0.8504
2200-11-01	174	0.8611	0.8611	0.8611	0.8611	0	57.59	1.042	0.01851	0.007953	0.003085	0.003085	57.59	0.0007541	0.0007541	0.0007541	0.0007541	0.01769	0.1234	0.1234	0.1234	0.5005
2200-12-01	174	0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	0.0001642	0.0001642	0.0001642	0.0001642	0.003851	0.02687	0.02687	0.02687	0.109
2200-12-31		0.1875	0.1875	0.1875	0.1875	0	12.54	0.2269	0.00403	0.001732	0.0006717	0.0006717	12.54	0.0001642	0.0001642	0.0001642	0.0001642	0.003851	0.02687	0.02687	0.02687	0.109

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2056-02-01	30	0.002587	0.002956	3.14E-08	0	0	4.68E-05	0	0.00E+00	7.87E-09	7.02E-05	0.00E+00	7.08E-07	0	0	0	3.14E-08	3.14E-08	3.14E-08	2.46E-07	1.60E-06	1.60E-06	5.85E-04
2056-03-01	30	0.01222	0.01397	1.48E-07	0	0	0.0002212	0	0.00E+00	3.72E-08	0.0003318	0.00E+00	3.35E-06	0	0	0	1.48E-07	1.48E-07	1.48E-07	1.16E-06	7.57E-06	7.57E-06	2.77E-03
2056-04-01	30	0.07149	0.08171	8.68E-07	0	0	0.001294	0	0.00E+00	2.17E-07	0.001941	0.00E+00	1.96E-05	0	0	0	8.68E-07	8.68E-07	8.68E-07	6.81E-06	4.43E-05	4.43E-05	1.62E-02
2056-05-01	30	0.1251	0.1429	1.52E-06	0	0	0.002263	0	0.00E+00	3.80E-07	0.003395	0.00E+00	3.42E-05	0	0	0	1.52E-06	1.52E-06	1.52E-06	1.19E-05	7.74E-05	7.74E-05	2.83E-02
2056-06-01	30	0.1059	0.121	1.29E-06	0	0	0.001916	0	0.00E+00	3.22E-07	0.002874	0.00E+00	2.90E-05	0	0	0.00E+00	1.29E-06	1.29E-06	1.29E-06	1.01E-05	6.55E-05	6.55E-05	2.40E-02
2056-07-01	30	0.08491	0.09704	1.03E-06	0	0	0.001537	0	0.00E+00	2.58E-07	0.002305	0.00E+00	2.33E-05	0	0	0	1.03E-06	1.03E-06	1.03E-06	8.09E-06	5.26E-05	5.26E-05	1.92E-02
2056-08-01	30	0.0537	0.06137	6.52E-07	0	0	0.0009716	0	0.00E+00	1.63E-07	0.001457	0.00E+00	1.47E-05	0	0	0.00E+00	6.52E-07	6.52E-07	6.52E-07	5.11E-06	3.32E-05	3.32E-05	1.22E-02
2056-09-01	30	0.06365	0.07274	7.73E-07	0	0	0.001152	0	0.00E+00	1.94E-07	0.001728	0.00E+00	1.74E-05	0	0	0.00E+00	7.73E-07	7.73E-07	7.73E-07	6.06E-06	3.94E-05	3.94E-05	1.44E-02
2056-10-01	30	0.05044	0.05765	6.13E-07	0	0	0.0009127	0	0.00E+00	1.53E-07	1.37E-03	0.00E+00	1.38E-05	0	0.00E+00	0.00E+00	6.13E-07	6.13E-07	6.13E-07	4.80E-06	3.12E-05	3.12E-05	1.14E-02
2056-11-01	30	0.02969	0.03393	3.61E-07	0	0	0.0005372	0	0.00E+00	9.03E-08	0.0008058	0.00E+00	8.13E-06	0	0	0	3.61E-07	3.61E-07	3.61E-07	2.83E-06	1.84E-05	1.84E-05	0.006718
2056-12-01	30	0.006464	0.007387	7.85E-08	0	0	0.000117	0	0	1.97E-08	0.0001754	0.00E+00	1.77E-06	0	0	0	7.85E-08	7.85E-08	7.85E-08	6.16E-07	4.00E-06	4.00E-06	0.001463
2057-01-01	31	0.416	0.4754	5.05E-06	0	0	0.007528	0	0	1.27E-06	0.01129	0.00E+00	0.0001139	0	0	0	5.05E-06	5.05E-06	5.05E-06	3.96E-05	0.0002575	0.0002575	0.09415
2057-02-01	31	0.7567	0.8648	9.19E-06	0	0	0.01369	0	0	2.30E-06	0.02054	0	0.0002072	0	0	0	9.19E-06	9.19E-06	9.19E-06	7.21E-05	0.0004684	0.0004684	0.1712
2057-03-01	31	3.452	3.946	4.19E-05	0	0	0.06247	0	0	1.05E-05	0.09371	0	0.0009453	0	0	0	4.19E-05	4.19E-05	4.19E-05	0.0003288	0.002137	0.002137	0.7813
2057-04-01	31	20.19	23.08	0.0002452	0	0	0.3654	0	0	6.14E-05	0.5481	0	0.005529	0	0	0	0.0002452	0.0002452	0.0002452	0.001923	0.0125	0.0125	4.57
2057-05-01	31	35.32	40.37	0.0004289	0	0	0.6392	0	0	1.07E-04	0.9587	0	0.009672	0	0	0	0.0004289	0.0004289	0.0004289	0.003364	0.02187	0.02187	7.994
2057-06-01	31	29.9	34.17	0.0003631	0	0	0.5411	0	0	9.09E-05	0.8116	0	0.008187	0	0	0	0.0003631	0.0003631	0.0003631	0.002848	0.01851	0.01851	6.767
2057-07-01	31	23.98	27.41	0.0002912	0	0	0.434	0	0	7.29E-05	0.651	0	0.006567	0	0	0	0.0002912	0.0002912	0.0002912	0.002284	0.01485	0.01485	5.428
2057-08-01	31	15.17	17.33	0.0001842	0	0	0.2744	0	0	4.61E-05	0.4116	0	0.004153	0	0	0	0.0001842	0.0001842	0.0001842	0.001444	0.009388	0.009388	3.432
2057-09-01	31	17.98	20.54	0.0002183	0	0	0.3253	0	0	5.47E-05	0.4879	0	0.004922	0	0	0	0.0002183	0.0002183	0.0002183	0.001712	0.01113	0.01113	4.068
2057-10-01	31	14.25	16.28	1.73E-04	0	0	0.2578	0	0	4.33E-05	0.3867	0.00E+00	0.003901	0	0	0	1.73E-04	1.73E-04	1.73E-04	0.001357	8.82E-03	0.008819	3.224
2057-11-01	31	8.384	9.582	1.02E-04	0	0	0.1517	0	0	2.55E-05	0.2276	0.00E+00	0.002296	0	0	0	1.02E-04	1.02E-04	1.02E-04	7.99E-04	5.19E-03	0.00519	1.897
2057-12-01	31	1.826	2.086	2.22E-05	0	0	0.03303	0	0	5.55E-06	0.04955	0.00E+00	0.0004999	0	0	0	2.22E-05	2.22E-05	2.22E-05	0.0001739	1.13E-03	0.00113	0.4132
2058-01-01	32	0.8305	0.9492	1.01E-05	0	0	0.01503	0	0	2.53E-06	0.02254	0	0.0002274	0	0	0	1.01E-05	1.01E-05	1.01E-05	7.91E-05	0.0005141	0.0005141	0.188
2058-02-01	32	1.511	1.726	1.83E-05	0	0	0.02734	0	0	4.59E-06	0.041	0	0.0004136	0	0	0	1.83E-05	1.83E-05	1.83E-05	0.0001439	0.0009352	0.0009352	0.3419
2058-03-01	32	6.893	7.877	8.37E-05	0	0	0.1247	0	0	2.10E-05	0.1871	0	0.001887	0	0	0	8.37E-05	8.37E-05	8.37E-05	0.0006565	0.004267	0.004267	1.56
2058-04-01	32	40.31	46.07	0.0004895	0	0	0.7295	0	0	0.0001226	1.094	0	0.01104	0	0	0	0.0004895	0.0004895	0.0004895	0.003839	0.02496	0.02496	9.124
2058-05-01	32	70.52	80.59	0.0008563	0	0	1.276	0	0	0.0002144	1.914	0	0.01931	0	0	0	0.0008563	0.0008563	0.0008563	0.006716	0.04365	0.04365	15.96
2058-06-01	32	59.7	68.22	0.0007249	0	0	1.08	0	0	1.82E-04	1.62	0	0.01635	0	0	0	0.0007249	0.0007249	0.0007249	0.005685	0.03695	0.03695	13.51
2058-07-01	32	47.88	54.72	0.0005814	0	0	0.8664	0	0	0.0001456	1.3	0	0.01311	0	0	0	0.0005814	0.0005814	0.0005814	0.00456	0.02964	0.02964	10.84
2058-08-01	32	30.28	34.6	0.0003677	0	0	0.5479	0	0	9.21E													

Reclaimed WRD West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2056-02-01	30	3.87E-05	3.87E-05	3.87E-05	3.87E-05	0	0.002587	4.68E-05	8.31E-07	3.57E-07	1.39E-07	1.39E-07	2.59E-03	3.39E-08	3.39E-08	3.39E-08	3.39E-08	7.95E-07	5.54E-06	5.54E-06	5.54E-06	2.25E-05
2056-03-01	30	0.0001828	0.0001828	0.0001828	0.0001828	0	0.01222	0.0002212	3.93E-06	1.69E-06	6.55E-07	6.55E-07	1.22E-02	1.60E-07	1.60E-07	1.60E-07	1.60E-07	3.75E-06	2.62E-05	2.62E-05	2.62E-05	1.06E-04
2056-04-01	30	0.001069	0.001069	0.001069	0.001069	0	0.07149	0.001294	2.30E-05	9.87E-06	3.83E-06	3.83E-06	7.15E-02	9.36E-07	9.36E-07	9.36E-07	9.36E-07	2.20E-05	1.53E-04	1.53E-04	0.0001532	6.21E-04
2056-05-01	30	0.00187	0.00187	0.00187	0.00187	0	0.1251	0.002263	4.02E-05	1.73E-05	6.70E-06	6.70E-06	1.25E-01	1.64E-06	1.64E-06	1.64E-06	1.64E-06	3.84E-05	2.68E-04	2.68E-04	0.000268	1.09E-03
2056-06-01	30	0.001583	1.58E-03	0.001583	0.001583	0	0.1059	0.001916	3.40E-05	1.46E-05	5.67E-06	5.67E-06	1.06E-01	1.39E-06	1.39E-06	1.39E-06	1.39E-06	3.25E-05	2.27E-04	2.27E-04	0.0002269	9.20E-04
2056-07-01	30	0.00127	1.27E-03	0.00127	0.00127	0	0.08491	0.001537	2.73E-05	1.17E-05	4.55E-06	4.55E-06	8.49E-02	1.11E-06	1.11E-06	1.11E-06	1.11E-06	2.61E-05	1.82E-04	1.82E-04	0.000182	7.38E-04
2056-08-01	30	0.0008029	8.03E-04	0.0008029	0.0008029	0	0.0537	0.0009716	1.73E-05	7.42E-06	2.88E-06	2.88E-06	5.37E-02	7.03E-07	7.03E-07	7.03E-07	7.03E-07	1.65E-05	1.15E-04	1.15E-04	0.0001151	4.67E-04
2056-09-01	30	0.0009517	9.52E-04	0.0009517	0.0009517	0	0.06365	0.001152	2.05E-05	8.79E-06	3.41E-06	3.41E-06	6.37E-02	8.34E-07	8.34E-07	8.34E-07	8.34E-07	1.96E-05	1.36E-04	1.36E-04	1.36E-04	5.53E-04
2056-10-01	30	7.54E-04	7.54E-04	7.54E-04	7.54E-04	0.00E+00	0.05044	0.0009127	1.62E-05	6.97E-06	2.70E-06	2.70E-06	5.04E-02	6.61E-07	6.61E-07	6.61E-07	6.61E-07	1.55E-05	1.08E-04	1.08E-04	1.08E-04	4.38E-04
2056-11-01	30	0.0004439	0.0004439	0.0004439	0.0004439	0	0.02969	0.0005372	9.54E-06	4.10E-06	1.59E-06	1.59E-06	0.02969	3.89E-07	3.89E-07	3.89E-07	3.89E-07	9.12E-06	6.36E-05	6.36E-05	6.36E-05	2.58E-04
2056-12-01	30	9.67E-05	9.67E-05	9.67E-05	9.67E-05	0	0.006464	0.000117	2.08E-06	8.93E-07	3.46E-07	3.46E-07	0.006464	8.46E-08	8.46E-08	8.46E-08	8.46E-08	1.99E-06	1.39E-05	1.39E-05	1.39E-05	5.62E-05
2057-01-01	31	0.00622	0.00622	0.00622	0.00622	0	0.416	0.007528	0.0001337	5.75E-05	2.23E-05	2.23E-05	0.416	5.45E-06	5.45E-06	5.45E-06	5.45E-06	0.0001278	0.0008914	0.0008914	0.0008914	0.003615
2057-02-01	31	0.01131	0.01131	0.01131	0.01131	0	0.7567	0.01369	0.0002432	0.0001045	4.05E-05	4.05E-05	0.7567	9.91E-06	9.91E-06	9.91E-06	9.91E-06	0.0002324	0.001621	0.001621	0.001621	0.006576
2057-03-01	31	0.05162	0.05162	0.05162	0.05162	0	3.452	0.06247	0.00111	0.0004768	0.000185	0.000185	3.452	4.52E-05	4.52E-05	4.52E-05	4.52E-05	0.00106	0.007398	0.007398	0.007398	0.03
2057-04-01	31	0.3019	0.3019	0.3019	0.3019	0	20.19	0.3654	0.006491	0.002789	0.001082	0.001082	20.19	0.0002644	0.0002644	0.0002644	0.0002644	0.006202	0.04327	0.04327	0.04327	0.1755
2057-05-01	31	0.5282	0.5282	0.5282	0.5282	0	35.32	0.6392	0.01135	0.004878	0.001892	0.001892	35.32	0.0004626	0.0004626	0.0004626	0.0004626	0.01085	0.07569	0.07569	0.07569	0.307
2057-06-01	31	0.4471	0.4471	0.4471	0.4471	0	29.9	0.5411	0.009611	0.004129	0.001602	0.001602	29.9	0.0003916	0.0003916	0.0003916	0.0003916	0.009184	0.06407	0.06407	0.06407	0.2599
2057-07-01	31	0.3586	0.3586	0.3586	0.3586	0	23.98	0.434	0.007709	0.003312	0.001285	0.001285	23.98	0.0003141	0.0003141	0.0003141	0.0003141	0.007366	0.05139	0.05139	0.05139	0.2084
2057-08-01	31	0.2268	0.2268	0.2268	0.2268	0	15.17	0.2744	0.004875	0.002094	0.0008124	0.0008124	15.17	0.0001986	0.0001986	0.0001986	0.0001986	0.004658	0.0325	0.0325	0.0325	0.1318
2057-09-01	31	0.2688	0.2688	0.2688	0.2688	0	17.98	0.3253	0.005778	0.002482	0.000963	0.000963	17.98	0.0002354	0.0002354	0.0002354	0.0002354	0.005521	0.03852	0.03852	0.03852	0.1562
2057-10-01	31	0.213	0.213	0.213	0.213	0	14.25	0.2578	0.004579	0.001967	7.63E-04	7.63E-04	14.25	1.87E-04	1.87E-04	1.87E-04	1.87E-04	0.004376	0.03053	0.03053	0.03053	0.1238
2057-11-01	31	0.1254	0.1254	0.1254	0.1254	0	8.384	0.1517	0.002695	0.001158	4.49E-04	4.49E-04	8.384	1.10E-04	1.10E-04	1.10E-04	1.10E-04	0.002575	0.01797	1.80E-02	0.01797	0.07286
2057-12-01	31	0.0273	0.0273	0.0273	0.0273	0	1.826	0.03303	0.0005868	0.0002521	9.78E-05	9.78E-05	1.826	2.39E-05	2.39E-05	2.39E-05	2.39E-05	0.0005607	0.003912	0.003912	0.003912	0.01587
2058-01-01	32	0.01242	0.01242	0.01242	0.01242	0	0.8305	0.01503	0.000267	0.0001147	4.45E-05	4.45E-05	0.8305	1.09E-05	1.09E-05	1.09E-05	1.09E-05	0.0002551	0.00178	0.00178	0.00178	0.007218
2058-02-01	32	0.02259	0.02259	0.02259	0.02259	0	1.511	0.02734	0.0004856	0.0002086	8.09E-05	8.09E-05	1.511	1.98E-05	1.98E-05	1.98E-05	1.98E-05	0.000464	0.003237	0.003237	0.003237	0.01313
2058-03-01	32	0.1031	0.1031	0.1031	0.1031	0	6.893	0.02216	0.0009519	0.0003693	9.03E-05	9.03E-05	6.893	9.03E-05	9.03E-05	9.03E-05	9.03E-05	0.002117	0.01477	0.01477	0.01477	0.0599
2058-04-01	32	0.6028	0.6028	0.6028	0.6028	0	40.31	0.7295	0.01296	0.005567	0.00216	0.00216	40.31	0.0005279	0.0005279	0.0005279	0.0005279	0.01238	0.08639	0.08639	0.08639	0.3504
2058-05-01	32	1.054	1.054	1.054	1.054	0	70.52	1.276	0.02267	0.009738	0.003778	0.003778	70.52	0.0009235	0.0009235	0.0009235	0.0009235	0.02166	0.1511	0.1511	0.1511	0.6128
2058-06-01	32	0.8926	0.8926	0.8926	0.8926	0	59.7	1.08	0.01919	0.008244	0.003198	0.003198	59.7	0.0007817	0.0007817	0.0007817	0.0007817	0.01834	0.1279	0.1279	0.1279	0.5188
2058-07-01	32	0.7159	0.7159	0.7159	0.7159	0	47.88	0.8664	0.01539	0.006612	0.002565	0.002565	47.88	0.000627	0.000627	0.000627	0.000627	0.01471	0.1026	0.1026	0.1026	0.4161
2058-08-01	32	0.4527	0.4527	0.4527	0.4527	0	30.28	0.5479	0.009732	0.004181	0.001622	0.001622	30.28	0.0003965	0.0003965	0.0003965	0.0003965	0.0093	0.06488	0.06488	0.06488	0.2631
2058-09-01	32	0.5366	0.5366	0.5366	0.5366	0	35.89	0.6494	0.01154	0.004956	0.001923	0.001923	35.89	0.00047	0.00047	0.00047	0.00047	0.01102	0.0769	0.0769	0.0769	0.3119
2058-10-01	32	0.4253	0.4253	0.4253	0.4253	0	28.44	0.5147	0.009142	0.003928	0.001524	0.001524	28.44	3.73E-04	3.73E-04	3.73E-04	3.73E-04	0.008736	0.06095	0.06095	0.06095	0.2472
2058-11-01	32	0.2503	0.2503	0.2503	0.2503	0	16.74	0.3029	0.00538	0.002312	8.97E-04	8.97E-04	16.74	2.19E-04	2.19E-04	2.19E-04	2.19E-04	0.005141	0.03587	0.03587	0.03587	0.1455
2058-12-01	32	0.0545	0.0545	0.0545	0.0545	0	3.645	0.06595	0.001172	0.0005033	0.0001953	0.0001953	3.645	4.77E-05	4.77E-05	4.77E-05	4.77E-05	0.001119	0.00781	0.00781	0.00781	0.03167
2059-01-01	33	0.01862	0.01862	0.01862	0.01862	0	1.245	0.02253	0.0004002	0.0001719	6.67E-05	6.67E-05	1.245	1.63E-05	1.63E-05	1.63E-05	1.63E-05	0.0003824	0.002668	0.002668	0.002668	0.01082
2059-02-01	33	0.03386	0.03386	0.03386	0.03386	0	2.265	0.04098	0.0007279	0.0003127	0.0001213	0.0001213	2.265	2.97E-05	2.97E-05	2.97E-05	2.97E-05	0.0006956	0.004853	0.004853	0.004853	0.01968
2059-03-01	33	0.1545	0.1545	0.1545	0.1545	0	10.33	0.187	0.003321	0.001427	0.0005536	0.0005536	10.33	0.0001353	0.0001353	0.0001353	0.0001353	0.003174	0.02214	0.02214	0.02214	0.0898
2059-04-01	33	0.9037	0.9037	0.9037	0.9037	0	60.44	1.094	0.01943	0.008346	0.003238	0.003238	60.44	0.0007914	0.0007914	0.0007914	0.0007914	0.01856	0.1295	0.1295	0.1295	0.5252
2059-05-01	33	1.581	1.581	1.581	1.581	0	105.7	1.913	0.03398	0.0146	0.005663	0.005663	105.7	0.001384	0.001384	0.001384	0.001384	0.03247	0.2265	0.2265	0.2265	0.9187
2059-06-01	33	1.338	1.338	1.338	1.338	0	89.49	1.619	0.02876	0.01236	0.004794	0.004794	89.49	0.001172	0.001172	0.001172	0.001172	0.02749	0.1918	0.1918	0.1918	0.7777
2059-07-01	33	1.073	1.073	1.073	1.073	0	71.78	1.299	0.02307	0.009912	0.003845	0.003845	71.78	0.00094	0.00094	0.00094	0.00094	0.02205	0.1538	0.1538	0.1538	0.6238
2059-08-01	33	0.6787	0.6787	0.6787	0.6787	0	45.39	0.8213	0.01459	0.006268	0.002432	0.002432	45.39	0.0005944	0.0005944	0.0005944	0.0005944	0.01394	0			

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2062-11-01	36	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2062-12-01	36	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2063-01-01	37	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2063-02-01	37	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2063-03-01	37	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2063-04-01	37	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2063-05-01	37	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2063-06-01	37	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2063-07-01	37	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2063-08-01	37	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2063-09-01	37	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2063-10-01	37	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2063-11-01	37	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2063-12-01	37	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2064-01-01	38	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2064-02-01	38	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2064-03-01	38	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2064-04-01	38	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2064-05-01	38	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2064-06-01	38	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2064-07-01	38	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2064-08-01	38	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2064-09-01	38	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2064-10-01	38	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2064-11-01	38	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2064-12-01	38	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2065-01-01	39	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2065-02-01	39	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2065-03-01	39	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2065-04-01	39	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2065-05-01	39	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2065-06-01	39	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	

Reclaimed WRD West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2062-11-01	36	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2062-12-01	36	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2063-01-01	37	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2063-02-01	37	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2063-03-01	37	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2063-04-01	37	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2063-05-01	37	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2063-06-01	37	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2063-07-01	37	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2063-08-01	37	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2063-09-01	37	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2063-10-01	37	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2063-11-01	37	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2063-12-01	37	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2064-01-01	38	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2064-02-01	38	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2064-03-01	38	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2064-04-01	38	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2064-05-01	38	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2064-06-01	38	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2064-07-01	38	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2064-08-01	38	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2064-09-01	38	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2064-10-01	38	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2064-11-01	38	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2064-12-01	38	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2065-01-01	39	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2065-02-01	39	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2065-03-01	39	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2065-04-01	39	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2065-05-01	39	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2065-06-01	39	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2065-07-01	39	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2065-08-01	39	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2065-09-01	39	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2065-10-01	39	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2065-11-01	39	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2065-12-01	39	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2066-01-01	40	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2066-02-01	40	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2066-03-01	40	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2066-04-01	40	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2066-05-01	40	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2066-06-01	40	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2066-07-01	40	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321												

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2069-08-01	43	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2069-09-01	43	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2069-10-01	43	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2069-11-01	43	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2069-12-01	43	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2070-01-01	44	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2070-02-01	44	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2070-03-01	44	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2070-04-01	44	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2070-05-01	44	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2070-06-01	44	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2070-07-01	44	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2070-08-01	44	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2070-09-01	44	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2070-10-01	44	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2070-11-01	44	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2070-12-01	44	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2071-01-01	45	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2071-02-01	45	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2071-03-01	45	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2071-04-01	45	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2071-05-01	45	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2071-06-01	45	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2071-07-01	45	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2071-08-01	45	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2071-09-01	45	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2071-10-01	45	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2071-11-01	45	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2071-12-01	45	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2072-01-01	46	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2072-02-01	46	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2072-03-01	46	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0							

Reclaimed WRD West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2069-08-01	43	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2069-09-01	43	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2069-10-01	43	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2069-11-01	43	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2069-12-01	43	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2070-01-01	44	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2070-02-01	44	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2070-03-01	44	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2070-04-01	44	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2070-05-01	44	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2070-06-01	44	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2070-07-01	44	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2070-08-01	44	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2070-09-01	44	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2070-10-01	44	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2070-11-01	44	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2070-12-01	44	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2071-01-01	45	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2071-02-01	45	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2071-03-01	45	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2071-04-01	45	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2071-05-01	45	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2071-06-01	45	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2071-07-01	45	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2071-08-01	45	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2071-09-01	45	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2071-10-01	45	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2071-11-01	45	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2071-12-01	45	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2072-01-01	46	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2072-02-01	46	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2072-03-01	46	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2072-04-01	46	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2072-05-01	46	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2072-06-01	46	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2072-07-01	46	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2072-08-01	46	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2072-09-01	46	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2072-10-01	46	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2072-11-01	46	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2072-12-01	46	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2073-01-01	47	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2073-02-01	47	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2073-03-01	47	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001					

Reclaimed WRD West Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2076-05-01	50	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2076-06-01	50	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2076-07-01	50	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2076-08-01	50	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2076-09-01	50	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2076-10-01	50	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2076-11-01	50	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2076-12-01	50	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2077-01-01	51	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2077-02-01	51	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2077-03-01	51	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2077-04-01	51	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2077-05-01	51	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2077-06-01	51	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2077-07-01	51	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2077-08-01	51	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2077-09-01	51	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2077-10-01	51	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2077-11-01	51	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2077-12-01	51	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2078-01-01	52	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2078-02-01	52	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2078-03-01	52	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2078-04-01	52	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2078-05-01	52	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2078-06-01	52	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2078-07-01	52	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2078-08-01	52	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2078-09-01	52	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2078-10-01	52	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2078-11-01	52	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2078-12-01	52	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2079-01-01	53	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2079-02-01	53	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2079-03-01	53	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2079-04-01	53	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2079-05-01	53	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2079-06-01	53	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2079-07-01	53	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2079-08-01	53	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2079-09-01	53	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2079-10-01	53	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2079-11-01	53	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2079-12-01	53	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2080-01-01	54	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2080-02-01	54	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2080-03-01	54	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2080-04-01	54	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2080-05-01	54	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2080-06																							

Reclaimed WRD West Load to Env																					
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2076-05-01	50	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	1.225
2076-06-01	50	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	1.037
2076-07-01	50	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.8315
2076-08-01	50	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.5258
2076-09-01	50	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.6232
2076-10-01	50	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.4939
2076-11-01	50	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.2907
2076-12-01	50	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.06329
2077-01-01	51	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.01442
2077-02-01	51	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.02623
2077-03-01	51	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.1197
2077-04-01	51	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.7001
2077-05-01	51	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	1.225
2077-06-01	51	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	1.037
2077-07-01	51	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.8315
2077-08-01	51	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.5258
2077-09-01	51	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.6232
2077-10-01	51	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.4939
2077-11-01	51	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.2907
2077-12-01	51	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.06329
2078-01-01	52	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.01442
2078-02-01	52	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.02623
2078-03-01	52	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.1197
2078-04-01	52	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.7001
2078-05-01	52	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	1.225
2078-06-01	52	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	1.037
2078-07-01	52	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.8315
2078-08-01	52	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.5258
2078-09-01	52	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.6232
2078-10-01	52	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.4939
2078-11-01	52	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.2907
2078-12-01	52	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.06329
2079-01-01	53	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.01442
2079-02-01	53	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.02623
2079-03-01	53	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.1197
2079-04-01	53	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.7001
2079-05-01	53	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	1.225
2079-06-01	53	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	1.037
2079-07-01	53	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.8315
2079-08-01	53	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.5258
2079-09-01	53	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.6232
2079-10-01	53	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.4939
2079-11-01	53	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.2907
2079-12-01	53	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.06329
2080-01-01	54	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.01442
2080-02-01	54	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006	

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2083-02-01	57	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2083-03-01	57	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2083-04-01	57	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2083-05-01	57	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2083-06-01	57	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2083-07-01	57	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2083-08-01	57	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2083-09-01	57	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2083-10-01	57	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2083-11-01	57	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2083-12-01	57	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2084-01-01	58	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2084-02-01	58	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2084-03-01	58	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2084-04-01	58	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2084-05-01	58	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2084-06-01	58	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2084-07-01	58	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2084-08-01	58	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2084-09-01	58	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2084-10-01	58	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2084-11-01	58	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2084-12-01	58	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2085-01-01	59	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2085-02-01	59	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2085-03-01	59	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2085-04-01	59	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2085-05-01	59	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2085-06-01	59	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2085-07-01	59	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2085-08-01	59	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2085-09-01	59	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2085-10-01	59																						

Reclaimed WRD West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2083-02-01	57	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2083-03-01	57	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2083-04-01	57	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2083-05-01	57	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2083-06-01	57	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2083-07-01	57	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2083-08-01	57	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2083-09-01	57	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2083-10-01	57	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2083-11-01	57	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2083-12-01	57	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2084-01-01	58	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2084-02-01	58	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2084-03-01	58	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2084-04-01	58	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2084-05-01	58	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2084-06-01	58	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2084-07-01	58	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2084-08-01	58	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2084-09-01	58	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2084-10-01	58	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2084-11-01	58	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2084-12-01	58	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2085-01-01	59	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2085-02-01	59	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2085-03-01	59	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2085-04-01	59	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2085-05-01	59	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2085-06-01	59	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2085-07-01	59	1.431	1.431																			

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2089-11-01	63	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2089-12-01	63	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2090-01-01	64	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2090-02-01	64	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2090-03-01	64	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2090-04-01	64	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2090-05-01	64	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2090-06-01	64	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2090-07-01	64	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2090-08-01	64	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2090-09-01	64	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2090-10-01	64	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2090-11-01	64	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2090-12-01	64	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2091-01-01	65	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2091-02-01	65	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2091-03-01	65	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2091-04-01	65	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2091-05-01	65	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2091-06-01	65	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2091-07-01	65	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2091-08-01	65	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2091-09-01	65	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2091-10-01	65	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2091-11-01	65	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2091-12-01	65	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2092-01-01	66	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2092-02-01	66	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2092-03-01	66	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2092-04-01	66	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2092-05-01	66	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2092-06-01	66	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	

Reclaimed WRD West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2089-11-01	63	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2089-12-01	63	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2090-01-01	64	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2090-02-01	64	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2090-03-01	64	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2090-04-01	64	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2090-05-01	64	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2090-06-01	64	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2090-07-01	64	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2090-08-01	64	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2090-09-01	64	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2090-10-01	64	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2090-11-01	64	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2090-12-01	64	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2091-01-01	65	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2091-02-01	65	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2091-03-01	65	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2091-04-01	65	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2091-05-01	65	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2091-06-01	65	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2091-07-01	65	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2091-08-01	65	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2091-09-01	65	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2091-10-01	65	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2091-11-01	65	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2091-12-01	65	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2092-01-01	66	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2092-02-01	66	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2092-03-01	66	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2092-04-01	66	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2092-05-01	66	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2092-06-01	66	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2092-07-01	66	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2092-08-01	66	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2092-09-01	66	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2092-10-01	66	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2092-11-01	66	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2092-12-01	66	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2093-01-01	67	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2093-02-01	67	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2093-03-01	67	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2093-04-01	67	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2093-05-01	67	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2093-06-01	67	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2093-07-01	67	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321												

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2096-08-01	70	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2096-09-01	70	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2096-10-01	70	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2096-11-01	70	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2096-12-01	70	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2097-01-01	71	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2097-02-01	71	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2097-03-01	71	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2097-04-01	71	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2097-05-01	71	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2097-06-01	71	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2097-07-01	71	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2097-08-01	71	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2097-09-01	71	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2097-10-01	71	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2097-11-01	71	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2097-12-01	71	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2098-01-01	72	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2098-02-01	72	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2098-03-01	72	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2098-04-01	72	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2098-05-01	72	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2098-06-01	72	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2098-07-01	72	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2098-08-01	72	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2098-09-01	72	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2098-10-01	72	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2098-11-01	72	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2098-12-01	72	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2099-01-01	73	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2099-02-01	73	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2099-03-01	73	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0							

Reclaimed WRD West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2096-08-01	70	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2096-09-01	70	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2096-10-01	70	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2096-11-01	70	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2096-12-01	70	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2097-01-01	71	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2097-02-01	71	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2097-03-01	71	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2097-04-01	71	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2097-05-01	71	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2097-06-01	71	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2097-07-01	71	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2097-08-01	71	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2097-09-01	71	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2097-10-01	71	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2097-11-01	71	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2097-12-01	71	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2098-01-01	72	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2098-02-01	72	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2098-03-01	72	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2098-04-01	72	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2098-05-01	72	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2098-06-01	72	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2098-07-01	72	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2098-08-01	72	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2098-09-01	72	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2098-10-01	72	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2098-11-01	72	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2098-12-01	72	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2099-01-01	73	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2099-02-01	73	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2099-03-01	73	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2099-04-01	73	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2099-05-01	73	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2099-06-01	73	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2099-07-01	73	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2099-08-01	73	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2099-09-01	73	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2099-10-01	73	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2099-11-01	73	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2099-12-01	73	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2100-01-01	74	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2100-02-01	74	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2100-03-01	74	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001					

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2103-05-01	77	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2103-06-01	77	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2103-07-01	77	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2103-08-01	77	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2103-09-01	77	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2103-10-01	77	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2103-11-01	77	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2103-12-01	77	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2104-01-01	78	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2104-02-01	78	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2104-03-01	78	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2104-04-01	78	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2104-05-01	78	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2104-06-01	78	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2104-07-01	78	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2104-08-01	78	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2104-09-01	78	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2104-10-01	78	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2104-11-01	78	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2104-12-01	78	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2105-01-01	79	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2105-02-01	79	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2105-03-01	79	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2105-04-01	79	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2105-05-01	79	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2105-06-01	79	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2105-07-01	79	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2105-08-01	79	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2105-09-01	79	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2105-10-01	79	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2105-11-01	79	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2105-12-01	79	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.				

Reclaimed WRD West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2103-05-01	77	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2103-06-01	77	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2103-07-01	77	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2103-08-01	77	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2103-09-01	77	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2103-10-01	77	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2103-11-01	77	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2103-12-01	77	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2104-01-01	78	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2104-02-01	78	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2104-03-01	78	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2104-04-01	78	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2104-05-01	78	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2104-06-01	78	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2104-07-01	78	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2104-08-01	78	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2104-09-01	78	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2104-10-01	78	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2104-11-01	78	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2104-12-01	78	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2105-01-01	79	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2105-02-01	79	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2105-03-01	79	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2105-04-01	79	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2105-05-01	79	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2105-06-01	79	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2105-07-01	79	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2105-08-01	79	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2105-09-01	79	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2105-10-01	79	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2105-11-01	79	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2105-12-01	79	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2106-01-01	80	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2106-02-01	80	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2106-03-01	80	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2106-04-01	80	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2106-05-01	80	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2106-06-01	80	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2106-07-01	80	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2106-08-01	80	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2106-09-01	80	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2106-10-01	80	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2106-11-01	80	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2106-12-01	80	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
21																						

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2110-02-01	84	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2110-03-01	84	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2110-04-01	84	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2110-05-01	84	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2110-06-01	84	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2110-07-01	84	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2110-08-01	84	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2110-09-01	84	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2110-10-01	84	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2110-11-01	84	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2110-12-01	84	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2111-01-01	85	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2111-02-01	85	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2111-03-01	85	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2111-04-01	85	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2111-05-01	85	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2111-06-01	85	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2111-07-01	85	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2111-08-01	85	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2111-09-01	85	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2111-10-01	85	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2111-11-01	85	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2111-12-01	85	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2112-01-01	86	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2112-02-01	86	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2112-03-01	86	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2112-04-01	86	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2112-05-01	86	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2112-06-01	86	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2112-07-01	86	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2112-08-01	86	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2112-09-01	86	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.		

Reclaimed WRD West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2110-02-01	84	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2110-03-01	84	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2110-04-01	84	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2110-05-01	84	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2110-06-01	84	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2110-07-01	84	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2110-08-01	84	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2110-09-01	84	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2110-10-01	84	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2110-11-01	84	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2110-12-01	84	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2111-01-01	85	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2111-02-01	85	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2111-03-01	85	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2111-04-01	85	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2111-05-01	85	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2111-06-01	85	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2111-07-01	85	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2111-08-01	85	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2111-09-01	85	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2111-10-01	85	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2111-11-01	85	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2111-12-01	85	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2112-01-01	86	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2112-02-01	86	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2112-03-01	86	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2112-04-01	86	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2112-05-01	86	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2112-06-01	86	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2112-07-01	86	1.431	1.431																			

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2116-11-01	90	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2116-12-01	90	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2117-01-01	91	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2117-02-01	91	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2117-03-01	91	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2117-04-01	91	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2117-05-01	91	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2117-06-01	91	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2117-07-01	91	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2117-08-01	91	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2117-09-01	91	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2117-10-01	91	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2117-11-01	91	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2117-12-01	91	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2118-01-01	92	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2118-02-01	92	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2118-03-01	92	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2118-04-01	92	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2118-05-01	92	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2118-06-01	92	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2118-07-01	92	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2118-08-01	92	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2118-09-01	92	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2118-10-01	92	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2118-11-01	92	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2118-12-01	92	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2119-01-01	93	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2119-02-01	93	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2119-03-01	93	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2119-04-01	93	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2119-05-01	93	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2119-06-01	93	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0							

Reclaimed WRD West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2116-11-01	90	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2116-12-01	90	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2117-01-01	91	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2117-02-01	91	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2117-03-01	91	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2117-04-01	91	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2117-05-01	91	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2117-06-01	91	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2117-07-01	91	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2117-08-01	91	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2117-09-01	91	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2117-10-01	91	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2117-11-01	91	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2117-12-01	91	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2118-01-01	92	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2118-02-01	92	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2118-03-01	92	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2118-04-01	92	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2118-05-01	92	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2118-06-01	92	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2118-07-01	92	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2118-08-01	92	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2118-09-01	92	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2118-10-01	92	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2118-11-01	92	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2118-12-01	92	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2119-01-01	93	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2119-02-01	93	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2119-03-01	93	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2119-04-01	93	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2119-05-01	93	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2119-06-01	93	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2119-07-01	93	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2119-08-01	93	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2119-09-01	93	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2119-10-01	93	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2119-11-01	93	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2119-12-01	93	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2120-01-01	94	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2120-02-01	94	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2120-03-01	94	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2120-04-01	94	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2120-05-01	94	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2120-06-01	94	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2120-07-01	94	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321												

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2123-08-01	97	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2123-09-01	97	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2123-10-01	97	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2123-11-01	97	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0.00E+00	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	2.07E-02	0.02071	7.57
2123-12-01	97	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0.00E+00	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2124-01-01	98	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2124-02-01	98	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2124-03-01	98	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2124-04-01	98	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2124-05-01	98	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2124-06-01	98	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2124-07-01	98	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2124-08-01	98	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2124-09-01	98	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2124-10-01	98	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2124-11-01	98	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2124-12-01	98	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2125-01-01	99	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2125-02-01	99	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2125-03-01	99	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2125-04-01	99	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2125-05-01	99	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2125-06-01	99	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2125-07-01	99	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2125-08-01	99	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2125-09-01	99	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2125-10-01	99	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2125-11-01	99	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2125-12-01	99	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2126-01-01	100	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2126-02-01	100	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2126-03-01	100	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672</					

Reclaimed WRD West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2123-08-01	97	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2123-09-01	97	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2123-10-01	97	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2123-11-01	97	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2123-12-01	97	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2124-01-01	98	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2124-02-01	98	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2124-03-01	98	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2124-04-01	98	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2124-05-01	98	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2124-06-01	98	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2124-07-01	98	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2124-08-01	98	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2124-09-01	98	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2124-10-01	98	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2124-11-01	98	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2124-12-01	98	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2125-01-01	99	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2125-02-01	99	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2125-03-01	99	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2125-04-01	99	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2125-05-01	99	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2125-06-01	99	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2125-07-01	99	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2125-08-01	99	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2125-09-01	99	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2125-10-01	99	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2125-11-01	99	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2125-12-01	99	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2126-01-01	100	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2126-02-01	100	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2126-03-01	100	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2126-04-01	100	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2126-05-01	100	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2126-06-01	100	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2126-07-01	100	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2126-08-01	100	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2126-09-01	100	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2126-10-01	100	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2126-11-01	100	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2126-12-01	100	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2127-01-01	101	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2127-02-01	101	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2127-03-01	101	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2127-04-01	101	1.205	1.205	1.205	1.205	0	80															

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2130-05-01	104	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2130-06-01	104	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2130-07-01	104	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2130-08-01	104	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2130-09-01	104	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2130-10-01	104	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2130-11-01	104	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2130-12-01	104	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2131-01-01	105	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2131-02-01	105	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2131-03-01	105	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2131-04-01	105	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2131-05-01	105	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2131-06-01	105	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2131-07-01	105	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2131-08-01	105	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2131-09-01	105	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2131-10-01	105	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2131-11-01	105	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2131-12-01	105	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2132-01-01	106	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2132-02-01	106	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2132-03-01	106	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2132-04-01	106	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2132-05-01	106	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2132-06-01	106	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2132-07-01	106	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2132-08-01	106	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2132-09-01	106	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2132-10-01	106	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2132-11-01	106	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2132-12-01	106	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006			

Reclaimed WRD West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2130-05-01	104	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	1.225	
2130-06-01	104	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	1.037	
2130-07-01	104	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.8315	
2130-08-01	104	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.5258	
2130-09-01	104	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.6232	
2130-10-01	104	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.4939	
2130-11-01	104	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.2907	
2130-12-01	104	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.06329	
2131-01-01	105	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.01442	
2131-02-01	105	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.02623	
2131-03-01	105	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.1197	
2131-04-01	105	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.7001	
2131-05-01	105	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	1.225	
2131-06-01	105	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	1.037	
2131-07-01	105	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.8315	
2131-08-01	105	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.5258	
2131-09-01	105	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.6232	
2131-10-01	105	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.4939	
2131-11-01	105	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.2907	
2131-12-01	105	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.06329	
2132-01-01	106	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.01442	
2132-02-01	106	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.02533	
2132-03-01	106	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.1197	
2132-04-01	106	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.7001	
2132-05-01	106	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	1.225	
2132-06-01	106	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	1.037	
2132-07-01	106	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.8315	
2132-08-01	106	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.5258	
2132-09-01	106	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.6232	
2132-10-01	106	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.4939	
2132-11-01	106	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004610												

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2137-02-01	111	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2137-03-01	111	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2137-04-01	111	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2137-05-01	111	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2137-06-01	111	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2137-07-01	111	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2137-08-01	111	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2137-09-01	111	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2137-10-01	111	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2137-11-01	111	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2137-12-01	111	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2138-01-01	112	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2138-02-01	112	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2138-03-01	112	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2138-04-01	112	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2138-05-01	112	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2138-06-01	112	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2138-07-01	112	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2138-08-01	112	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2138-09-01	112	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2138-10-01	112	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2138-11-01	112	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2138-12-01	112	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2139-01-01	113	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2139-02-01	113	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2139-03-01	113	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2139-04-01	113	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2139-05-01	113	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2139-06-01	113	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2139-07-01	113	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2139-08-01	113	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2139-09-01	113	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2139-10-01</																							

Reclaimed WRD West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2137-02-01	111	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2137-03-01	111	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2137-04-01	111	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2137-05-01	111	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2137-06-01	111	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2137-07-01	111	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2137-08-01	111	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2137-09-01	111	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2137-10-01	111	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2137-11-01	111	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2137-12-01	111	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2138-01-01	112	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2138-02-01	112	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2138-03-01	112	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2138-04-01	112	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2138-05-01	112	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2138-06-01	112	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2138-07-01	112	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2138-08-01	112	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2138-09-01	112	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2138-10-01	112	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2138-11-01	112	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2138-12-01	112	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2139-01-01	113	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2139-02-01	113	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2139-03-01	113	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2139-04-01	113	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2139-05-01	113	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2139-06-01	113	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2139-07-01	1																					

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2143-11-01	117	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2143-12-01	117	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2144-01-01	118	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2144-02-01	118	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2144-03-01	118	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2144-04-01	118	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2144-05-01	118	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2144-06-01	118	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2144-07-01	118	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2144-08-01	118	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2144-09-01	118	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2144-10-01	118	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2144-11-01	118	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2144-12-01	118	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2145-01-01	119	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2145-02-01	119	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2145-03-01	119	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2145-04-01	119	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2145-05-01	119	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2145-06-01	119	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2145-07-01	119	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2145-08-01	119	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2145-09-01	119	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2145-10-01	119	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2145-11-01	119	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2145-12-01	119	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2146-01-01	120	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2146-02-01	120	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2146-03-01	120	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2146-04-01	120	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2146-05-01	120	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2146-06-01	120	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2																							

Reclaimed WRD West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2143-11-01	117	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2143-12-01	117	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2144-01-01	118	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2144-02-01	118	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2144-03-01	118	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2144-04-01	118	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2144-05-01	118	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2144-06-01	118	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2144-07-01	118	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2144-08-01	118	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2144-09-01	118	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2144-10-01	118	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2144-11-01	118	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2144-12-01	118	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2145-01-01	119	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2145-02-01	119	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2145-03-01	119	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2145-04-01	119	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2145-05-01	119	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2145-06-01	119	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2145-07-01	119	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2145-08-01	119	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2145-09-01	119	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2145-10-01	119	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2145-11-01	119	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2145-12-01	119	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2146-01-01	120	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2146-02-01	120	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2146-03-01	120	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2146-04-01	120	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2146-05-01	120	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2146-06-01	120	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2146-07-01	120	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2146-08-01	120	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2146-09-01	120	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2146-10-01	120	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2146-11-01	120	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2146-12-01	120	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2147-01-01	121	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2147-02-01	121	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2147-03-01	121	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2147-04-01	121	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2147-05-01	121	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2147-06-01	121	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2147-07-01	121	1.431	1.431	1.431	1.431	0																

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2150-08-01	124	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2150-09-01	124	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2150-10-01	124	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2150-11-01	124	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2150-12-01	124	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2151-01-01	125	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2151-02-01	125	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2151-03-01	125	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2151-04-01	125	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2151-05-01	125	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2151-06-01	125	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2151-07-01	125	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2151-08-01	125	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2151-09-01	125	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2151-10-01	125	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2151-11-01	125	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2151-12-01	125	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2152-01-01	126	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2152-02-01	126	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2152-03-01	126	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2152-04-01	126	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2152-05-01	126	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2152-06-01	126	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2152-07-01	126	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2152-08-01	126	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2152-09-01	126	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2152-10-01	126	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2152-11-01	126	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2152-12-01	126	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2153-01-01	127	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2153-02-01	127	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2153-03-01	127	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672						

Reclaimed WRD West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2150-08-01	124	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2150-09-01	124	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2150-10-01	124	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2150-11-01	124	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2150-12-01	124	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2151-01-01	125	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2151-02-01	125	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2151-03-01	125	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2151-04-01	125	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2151-05-01	125	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2151-06-01	125	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2151-07-01	125	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2151-08-01	125	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2151-09-01	125	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2151-10-01	125	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2151-11-01	125	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2151-12-01	125	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2152-01-01	126	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2152-02-01	126	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2152-03-01	126	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2152-04-01	126	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2152-05-01	126	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2152-06-01	126	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2152-07-01	126	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2152-08-01	126	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2152-09-01	126	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2152-10-01	126	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2152-11-01	126	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2152-12-01	126	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2153-01-01	127	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2153-02-01	127	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2153-03-01	127	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2153-04-01	127	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2153-05-01	127	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2153-06-01	127	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2153-07-01	127	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2153-08-01	127	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2153-09-01	127	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2153-10-01	127	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2153-11-01	127	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2153-12-01	127	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2154-01-01	128	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2154-02-01	128	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2154-03-01	128	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2154-04-01	128	1.205	1.205																			

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2157-05-01	131	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2157-06-01	131	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2157-07-01	131	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2157-08-01	131	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2157-09-01	131	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2157-10-01	131	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2157-11-01	131	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2157-12-01	131	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2158-01-01	132	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2158-02-01	132	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2158-03-01	132	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2158-04-01	132	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2158-05-01	132	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2158-06-01	132	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2158-07-01	132	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2158-08-01	132	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2158-09-01	132	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2158-10-01	132	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2158-11-01	132	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2158-12-01	132	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2159-01-01	133	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2159-02-01	133	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2159-03-01	133	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2159-04-01	133	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2159-05-01	133	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2159-06-01	133	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2159-07-01	133	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2159-08-01	133	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2159-09-01	133	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2159-10-01	133	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2159-11-01	133	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2159-12-01	133	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.000.			

Reclaimed WRD West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2157-05-01	131	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2157-06-01	131	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2157-07-01	131	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2157-08-01	131	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2157-09-01	131	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2157-10-01	131	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2157-11-01	131	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2157-12-01	131	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2158-01-01	132	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2158-02-01	132	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2158-03-01	132	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2158-04-01	132	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2158-05-01	132	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2158-06-01	132	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2158-07-01	132	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2158-08-01	132	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2158-09-01	132	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2158-10-01	132	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2158-11-01	132	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2158-12-01	132	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2159-01-01	133	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2159-02-01	133	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2159-03-01	133	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2159-04-01	133	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2159-05-01	133	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2159-06-01	133	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2159-07-01	133	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2159-08-01	133	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2159-09-01	133	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2159-10-01	133	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2159-11-01	133	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2159-12-01	133	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2160-01-01	134	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2160-02-01	134	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2160-03-01	134	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2160-04-01	134	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2160-05-01	134	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2160-06-01	134	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2160-07-01	134	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2160-08-01	134	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2160-09-01	134	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2160-10-01	134	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2160-11-01	134	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2160-12-01	134	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2161-01-01	135	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0												

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2164-02-01	138	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2164-03-01	138	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2164-04-01	138	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2164-05-01	138	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2164-06-01	138	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2164-07-01	138	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2164-08-01	138	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2164-09-01	138	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2164-10-01	138	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2164-11-01	138	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2164-12-01	138	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2165-01-01	139	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2165-02-01	139	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2165-03-01	139	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2165-04-01	139	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2165-05-01	139	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2165-06-01	139	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2165-07-01	139	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2165-08-01	139	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2165-09-01	139	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2165-10-01	139	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2165-11-01	139	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2165-12-01	139	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2166-01-01	140	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2166-02-01	140	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2166-03-01	140	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2166-04-01	140	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2166-05-01	140	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2166-06-01	140	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2166-07-01	140	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2166-08-01	140	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2166-09-01	140	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2166-10-01</																							

Reclaimed WRD West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2164-02-01	138	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2164-03-01	138	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2164-04-01	138	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2164-05-01	138	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2164-06-01	138	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2164-07-01	138	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2164-08-01	138	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2164-09-01	138	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2164-10-01	138	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2164-11-01	138	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2164-12-01	138	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2165-01-01	139	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2165-02-01	139	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2165-03-01	139	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2165-04-01	139	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2165-05-01	139	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2165-06-01	139	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2165-07-01	139	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2165-08-01	139	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2165-09-01	139	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2165-10-01	139	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2165-11-01	139	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2165-12-01	139	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2166-01-01	140	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2166-02-01	140	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2166-03-01	140	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2166-04-01	140	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2166-05-01	140	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2166-06-01	140	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2166-07-01	1																					

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2170-11-01	144	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2170-12-01	144	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2171-01-01	145	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2171-02-01	145	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2171-03-01	145	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2171-04-01	145	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2171-05-01	145	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2171-06-01	145	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2171-07-01	145	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2171-08-01	145	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2171-09-01	145	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2171-10-01	145	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2171-11-01	145	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2171-12-01	145	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2172-01-01	146	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2172-02-01	146	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2172-03-01	146	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2172-04-01	146	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2172-05-01	146	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2172-06-01	146	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2172-07-01	146	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2172-08-01	146	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2172-09-01	146	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2172-10-01	146	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2172-11-01	146	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2172-12-01	146	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2173-01-01	147	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2173-02-01	147	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2173-03-01	147	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2173-04-01	147	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2173-05-01	147	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2173-06-01	147	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2																							

Reclaimed WRD West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2170-11-01	144	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2170-12-01	144	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2171-01-01	145	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2171-02-01	145	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2171-03-01	145	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2171-04-01	145	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2171-05-01	145	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2171-06-01	145	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2171-07-01	145	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2171-08-01	145	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2171-09-01	145	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2171-10-01	145	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2171-11-01	145	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2171-12-01	145	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2172-01-01	146	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2172-02-01	146	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2172-03-01	146	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2172-04-01	146	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2172-05-01	146	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2172-06-01	146	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2172-07-01	146	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2172-08-01	146	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2172-09-01	146	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2172-10-01	146	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2172-11-01	146	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2172-12-01	146	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2173-01-01	147	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2173-02-01	147	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2173-03-01	147	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.		

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2177-08-01	151	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2177-09-01	151	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2177-10-01	151	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2177-11-01	151	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2177-12-01	151	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2178-01-01	152	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2178-02-01	152	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2178-03-01	152	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2178-04-01	152	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2178-05-01	152	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2178-06-01	152	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2178-07-01	152	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2178-08-01	152	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2178-09-01	152	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2178-10-01	152	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2178-11-01	152	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2178-12-01	152	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2179-01-01	153	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2179-02-01	153	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2179-03-01	153	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2179-04-01	153	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2179-05-01	153	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2179-06-01	153	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2179-07-01	153	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2179-08-01	153	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2179-09-01	153	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2179-10-01	153	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2179-11-01	153	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2179-12-01	153	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2180-01-01	154	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2180-02-01	154	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2180-03-01	154	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.37												

Reclaimed WRD West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2177-08-01	151	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2177-09-01	151	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2177-10-01	151	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2177-11-01	151	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2177-12-01	151	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2178-01-01	152	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2178-02-01	152	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2178-03-01	152	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2178-04-01	152	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2178-05-01	152	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2178-06-01	152	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2178-07-01	152	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2178-08-01	152	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2178-09-01	152	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2178-10-01	152	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2178-11-01	152	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2178-12-01	152	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2179-01-01	153	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2179-02-01	153	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2179-03-01	153	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2179-04-01	153	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2179-05-01	153	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2179-06-01	153	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2179-07-01	153	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2179-08-01	153	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2179-09-01	153	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2179-10-01	153	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2179-11-01	153	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2179-12-01	153	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2180-01-01	154	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2180-02-01	154	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2180-03-01	154	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2180-04-01	154	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2180-05-01	154	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2180-06-01	154	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2180-07-01	154	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2180-08-01	154	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2180-09-01	154	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2180-10-01	154	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2180-11-01	154	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2180-12-01	154	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2181-01-01	155	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2181-02-01	155	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2181-03-01	155	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2181-04-01	155	1.205	1.205																			

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2184-05-01	158	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2184-06-01	158	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2184-07-01	158	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2184-08-01	158	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2184-09-01	158	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2184-10-01	158	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2184-11-01	158	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2184-12-01	158	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2185-01-01	159	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2185-02-01	159	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2185-03-01	159	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2185-04-01	159	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2185-05-01	159	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2185-06-01	159	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2185-07-01	159	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2185-08-01	159	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2185-09-01	159	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2185-10-01	159	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2185-11-01	159	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2185-12-01	159	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2186-01-01	160	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2186-02-01	160	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2186-03-01	160	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2186-04-01	160	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2186-05-01	160	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2186-06-01	160	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2186-07-01	160	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2186-08-01	160	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2186-09-01	160	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2186-10-01	160	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2186-11-01	160	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2186-12-01	160	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.000.			

Reclaimed WRD West Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2184-05-01	158	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2184-06-01	158	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2184-07-01	158	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2184-08-01	158	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2184-09-01	158	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2184-10-01	158	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2184-11-01	158	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2184-12-01	158	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2185-01-01	159	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2185-02-01	159	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2185-03-01	159	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2185-04-01	159	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2185-05-01	159	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2185-06-01	159	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2185-07-01	159	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2185-08-01	159	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2185-09-01	159	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2185-10-01	159	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2185-11-01	159	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2185-12-01	159	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2186-01-01	160	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2186-02-01	160	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2186-03-01	160	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2186-04-01	160	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2186-05-01	160	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2186-06-01	160	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2186-07-01	160	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2186-08-01	160	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2186-09-01	160	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2186-10-01	160	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2186-11-01	160	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2186-12-01	160	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2187-01-01	161	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2187-02-01	161	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2187-03-01	161	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2187-04-01	161	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2187-05-01	161	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2187-06-01	161	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2187-07-01	161	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2187-08-01	161	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2187-09-01	161	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2187-10-01	161	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2187-11-01	161	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2187-12-01	161	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2188-01-01	162	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0												

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2191-02-01	165	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2191-03-01	165	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2191-04-01	165	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2191-05-01	165	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2191-06-01	165	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2191-07-01	165	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2191-08-01	165	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2191-09-01	165	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2191-10-01	165	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2191-11-01	165	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2191-12-01	165	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2192-01-01	166	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2192-02-01	166	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2192-03-01	166	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2192-04-01	166	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2192-05-01	166	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2192-06-01	166	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2192-07-01	166	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2192-08-01	166	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2192-09-01	166	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2192-10-01	166	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2192-11-01	166	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2192-12-01	166	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2193-01-01	167	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2193-02-01	167	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2193-03-01	167	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2193-04-01	167	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2193-05-01	167	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2193-06-01	167	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2193-07-01	167	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2193-08-01	167	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2193-09-01	167	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708					

Reclaimed WRD West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2191-02-01	165	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2191-03-01	165	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2191-04-01	165	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2191-05-01	165	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2191-06-01	165	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2191-07-01	165	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2191-08-01	165	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2191-09-01	165	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2191-10-01	165	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2191-11-01	165	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2191-12-01	165	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2192-01-01	166	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2192-02-01	166	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2192-03-01	166	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2192-04-01	166	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2192-05-01	166	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2192-06-01	166	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2192-07-01	166	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2192-08-01	166	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2192-09-01	166	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2192-10-01	166	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2192-11-01	166	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2192-12-01	166	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2193-01-01	167	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2193-02-01	167	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2193-03-01	167	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2193-04-01	167	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2193-05-01	167	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2193-06-01	167	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2193-07-01	1																					

Reclaimed WRD West Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2197-11-01	171	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2197-12-01	171	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2198-01-01	172	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2198-02-01	172	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2198-03-01	172	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2198-04-01	172	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2198-05-01	172	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2198-06-01	172	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2198-07-01	172	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2198-08-01	172	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2198-09-01	172	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2198-10-01	172	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2198-11-01	172	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2198-12-01	172	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2199-01-01	173	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2199-02-01	173	3.019	3.45	3.67E-05	0	0	0.05462	0	0	9.18E-06	0.08193	0	0.0008265	0	0	0	3.67E-05	3.67E-05	3.67E-05	0.0002875	0.001869	0.001869	0.6831
2199-03-01	173	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2199-04-01	173	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2199-05-01	173	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2199-06-01	173	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2199-07-01	173	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2199-08-01	173	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2199-09-01	173	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2199-10-01	173	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2199-11-01	173	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2199-12-01	173	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2200-01-01	174	1.66	1.897	2.02E-05	0	0	0.03003	0	0	5.05E-06	0.04505	0	0.0004544	0	0	0	2.02E-05	2.02E-05	2.02E-05	0.0001581	0.001027	0.001027	0.3756
2200-02-01	174	2.915	3.331	3.54E-05	0	0	0.05274	0	0	8.86E-06	0.07911	0	0.000798	0	0	0	3.54E-05	3.54E-05	3.54E-05	0.0002776	0.001804	0.001804	0.6596
2200-03-01	174	13.77	15.74	0.0001672	0	0	0.2492	0	0	4.19E-05	0.3738	0	0.003771	0	0	0	0.0001672	0.0001672	0.0001672	0.001312	0.008526	0.008526	3.117
2200-04-01	174	80.56	92.07	0.0009782	0	0	1.458	0	0	0.0002449	2.187	0	0.02206	0	0	0	0.0009782	0.0009782	0.0009782	0.007672	0.04987	0.04987	18.23
2200-05-01	174	140.9	161	0.001711	0	0	2.55	0	0	0.0004284	3.825	0	0.03858	0	0	0	0.001711	0.001711	0.001711	0.01342	0.08723	0.08723	31.89
2200-06-01	174	119.3	136.3	0.001448	0	0	2.158	0	0	0.0003627	3.238	0	0.03266	0	0	0	0.001448	0.001448	0.001448	0.01136	0.07384	0.07384	27
2200-07-01	174	95.68	109.3	0.001162	0	0	1.731	0	0	0.0002909	2.597	0	0.0262	0	0	0	0.001162	0.001162	0.001162	0.009112	0.05923	0.05923	21.65
2200-08-01	174	60.5	69.14	0.0007347	0	0	1.095	0	0	0.000184	1.642	0	0.01657	0	0	0	0.0007347	0.0007347	0.0007347	0.005762	0.03745	0.03745	13.69
2200-09-01	174	71.71	81.96	0.0008708	0	0	1.298	0	0	0.000218	1.946	0	0.01964	0	0	0	0.0008708	0.0008708	0.0008708	0.00683	0.04439	0.04439	16.23
2200-10-01	174	56.83	64.95	6.90E-04	0	0	1.028	0	0	1.73E-04	1.543	0	0.01556	0	0	0	6.90E-04	6.90E-04	6.90E-04	0.005413	0.03518	0.03518	12.86
2200-11-01	174	33.45	38.23	4.06E-04	0	0	0.6053	0	0	1.02E-04	0.9079	0	0.009159	0	0	0	4.06E-04	4.06E-04	4.06E-04	0.003186	0.02071	0.02071	7.57
2200-12-01	174	7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648
2200-12-31		7.283	8.323	8.84E-05	0	0	0.1318	0	0	2.21E-05	0.1977	0	0.001994	0	0	0	8.84E-05	8.84E-05	8.84E-05	0.0006936	0.004509	0.004509	1.648

Reclaimed WRD West Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2197-11-01	171	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2197-12-01	171	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2198-01-01	172	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2198-02-01	172	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2198-03-01	172	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2198-04-01	172	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2198-05-01	172	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2198-06-01	172	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2198-07-01	172	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2198-08-01	172	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2198-09-01	172	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2198-10-01	172	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2198-11-01	172	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2198-12-01	172	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2199-01-01	173	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2199-02-01	173	0.04514	0.04514	0.04514	0.04514	0	3.019	0.05462	0.0009703	0.0004169	0.0001617	0.0001617	3.019	3.95E-05	3.95E-05	3.95E-05	3.95E-05	0.0009271	0.006468	0.006468	0.006468	0.02623
2199-03-01	173	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2199-04-01	173	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2199-05-01	173	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2199-06-01	173	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2199-07-01	173	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2199-08-01	173	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2199-09-01	173	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2199-10-01	173	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2199-11-01	173	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	1.79E-03	1.79E-03	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2199-12-01	173	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2200-01-01	174	0.02482	0.02482	0.02482	0.02482	0	1.66	0.03003	0.0005334	0.0002292	8.89E-05	8.89E-05	1.66	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.0005097	0.003556	0.003556	0.003556	0.01442
2200-02-01	174	0.04358	0.04358	0.04358	0.04358	0	2.915	0.05274	0.0009368	0.0004025	0.0001561	0.0001561	2.915	3.82E-05	3.82E-05	3.82E-05	3.82E-05	0.0008952	0.006245	0.006245	0.006245	0.02533
2200-03-01	174	0.2059	0.2059	0.2059	0.2059	0	13.77	0.2492	0.004427	0.001902	0.0007379	0.0007379	13.77	0.0001804	0.0001804	0.0001804	0.0001804	0.00423	0.02951	0.02951	0.02951	0.1197
2200-04-01	174	1.205	1.205	1.205	1.205	0	80.56	1.458	0.02589	0.01112	0.004316	0.004316	80.56	0.001055	0.001055	0.001055	0.001055	0.02474	0.1726	0.1726	0.1726	0.7001
2200-05-01	174	2.107	2.107	2.107	2.107	0	140.9	2.55	0.04529	0.01946	0.007549	0.007549	140.9	0.001845	0.001845	0.001845	0.001845	0.04328	0.302	0.302	0.302	1.225
2200-06-01	174	1.784	1.784	1.784	1.784	0	119.3	2.158	0.03834	0.01647	0.00639	0.00639	119.3	0.001562	0.001562	0.001562	0.001562	0.03664	0.2556	0.2556	0.2556	1.037
2200-07-01	174	1.431	1.431	1.431	1.431	0	95.68	1.731	0.03075	0.01321	0.005126	0.005126	95.68	0.001253	0.001253	0.001253	0.001253	0.02939	0.205	0.205	0.205	0.8315
2200-08-01	174	0.9046	0.9046	0.9046	0.9046	0	60.5	1.095	0.01945	0.008355	0.003241	0.003241	60.5	0.0007923	0.0007923	0.0007923	0.0007923	0.01858	0.1296	0.1296	0.1296	0.5258
2200-09-01	174	1.072	1.072	1.072	1.072	0	71.71	1.298	0.02305	0.009903	0.003842	0.003842	71.71	0.0009391	0.0009391	0.0009391	0.0009391	0.02203	0.1537	0.1537	0.1537	0.6232
2200-10-01	174	0.8498	0.8498	0.8498	0.8498	0	56.83	1.028	0.01827	0.007849	0.003045	0.003045	56.83	7.44E-04	7.44E-04	7.44E-04	7.44E-04	0.01746	0.1218	0.1218	0.1218	0.4939
2200-11-01	174	0.5001	0.5001	0.5001	0.5001	0	33.45	0.6053	0.01075	0.004619	0.001792	0.001792	33.45	4.38E-04	4.38E-04	4.38E-04	4.38E-04	0.01027	0.07168	0.07168	0.07168	0.2907
2200-12-01	174	0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329
2200-12-31		0.1089	0.1089	0.1089	0.1089	0	7.283	0.1318	0.002341	0.001006	0.0003902	0.0003902	7.283	9.54E-05	9.54E-05	9.54E-05	9.54E-05	0.002237	0.01561	0.01561	0.01561	0.06329

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2044-02-01	18	116.6	6.985	4.006	0.07023	9.922	0.07023	0.06204	2.87E-04	4.79E-06	0.01188	2.39E-05	1.32E-02	9.85E-03	1.44E-02	0.004301	1.14E-04	28.81	3.50E-05	4.34E-04	4.88E-05	5.47E-03	0.001968
2044-03-01	18	551.2	33.01	18.93	0.3319	46.89	0.3319	0.2932	1.36E-03	2.26E-05	0.05615	1.13E-04	6.26E-02	4.66E-02	6.81E-02	0.02033	5.41E-04	136.2	1.65E-04	2.05E-03	0.0002306	0.02582	0.0093
2044-04-01	18	3224	193.1	110.7	1.941	274.2	1.941	1.715	7.94E-03	1.32E-04	0.3284	6.60E-04	3.66E-01	2.72E-01	3.98E-01	0.1189	3.16E-03	796.4	9.67E-04	1.20E-02	0.001349	0.151	0.0544
2044-05-01	18	5639	337.7	193.7	3.395	479.7	3.395	3	1.39E-02	2.32E-04	0.5745	1.15E-03	6.40E-01	4.76E-01	6.96E-01	0.208	5.53E-03	1393	1.69E-03	2.10E-02	2.36E-03	2.64E-01	0.09515
2044-06-01	18	4773	285.9	164	2.874	406.1	2.874	2.539	1.18E-02	1.96E-04	0.4863	9.77E-04	5.42E-01	4.03E-01	5.90E-01	0.176	4.68E-03	1179	1.43E-03	1.78E-02	2.00E-03	2.24E-01	0.08055
2044-07-01	18	3829	229.3	131.5	2.305	325.7	2.305	2.037	9.43E-03	1.57E-04	0.3901	7.84E-04	4.35E-01	3.23E-01	4.73E-01	0.1412	3.76E-03	945.8	1.15E-03	1.43E-02	1.60E-03	1.79E-01	0.06461
2044-08-01	18	2421	145	83.17	1.458	206	1.458	1.288	5.96E-03	9.94E-05	0.2467	4.96E-04	2.75E-01	2.05E-01	2.99E-01	0.08929	2.38E-03	598.1	7.26E-04	9.02E-03	1.01E-03	1.13E-01	0.04085
2044-09-01	18	2870	171.9	98.58	1.728	244.1	1.728	1.527	7.06E-03	1.18E-04	0.2924	5.88E-04	3.26E-01	2.42E-01	3.54E-01	0.1058	2.82E-03	708.9	8.61E-04	1.07E-02	1.20E-03	1.35E-01	0.04842
2044-10-01	18	2274	136.2	78.13	1.369	193.5	1.369	1.21E+00	5.60E-03	9.34E-05	0.2317	4.66E-04	2.58E-01	1.92E-01	2.81E-01	8.39E-02	2.23E-03	561.8	6.82E-04	8.47E-03	9.52E-04	1.07E-01	0.03838
2044-11-01	18	1339	80.16	45.98	0.806	113.9	0.806	0.7121	0.003295	5.50E-05	0.1364	2.74E-04	0.152	0.1131	1.65E-01	0.04936	1.31E-03	330.7	4.01E-04	4.98E-03	0.00056	0.06271	0.02259
2044-12-01	18	291.4	17.45	10.01	0.1755	24.79	0.1755	0.155	0.0007174	1.20E-05	0.02969	5.97E-05	0.03309	0.02462	3.60E-02	0.01075	2.86E-04	72	8.74E-05	0.001085	0.0001219	0.01366	0.004918
2045-01-01	19	68.83	4.736	2.301	0.03999	5.65	0.03999	0.03919	0.0002855	5.22E-06	0.02839	1.68E-05	0.007719	0.005718	8.20E-03	0.005312	7.32E-05	16.59	2.75E-05	0.0003122	0.0004238	0.0035	0.1389
2045-02-01	19	125.2	8.614	4.185	0.07274	10.28	0.07274	0.07127	0.0005193	9.49E-06	0.05165	3.06E-05	0.01404	0.0104	1.49E-02	0.009662	0.0001331	30.17	5.00E-05	0.0005678	0.0007709	0.006367	0.2527
2045-03-01	19	571.2	39.3	19.09	0.3319	46.89	0.3319	0.3252	0.00237	4.33E-05	0.2356	0.0001395	0.06406	0.04746	6.81E-02	0.04409	0.0006072	137.6	0.0002281	0.002591	0.003518	0.02905	1.153
2045-04-01	19	3341	229.9	111.7	1.941	274.2	1.941	1.902	0.01386	0.0002531	1.378	0.0008159	0.3747	0.2776	3.98E-01	0.2579	0.003551	805.1	0.001334	0.01515	0.02057	0.1699	6.744
2045-05-01	19	5844	402.1	195.3	3.395	479.7	3.395	3.327	0.02424	0.0004428	2.411	0.001427	0.6554	0.4855	6.96E-01	0.4511	0.006212	1408	0.002333	0.02651	0.03599	0.2972	11.8
2045-06-01	19	4947	340.4	165.4	2.874	406.1	2.874	0.02052	3.75E-04	2.041	0.001208	0.5548	0.411	5.90E-01	0.3818	0.003259	1192	0.001975	0.02244	0.03046	0.2516	9.986	
2045-07-01	19	3968	273	132.6	2.305	325.7	2.305	2.259	0.01646	0.0003006	1.637	0.0009691	0.445	0.3297	4.73E-01	0.3063	0.004218	956.2	0.001584	0.018	0.02443	0.2018	8.01
2045-08-01	19	2509	172.6	83.87	1.458	206	1.458	1.429	0.01041	1.90E-04	1.035	0.0006128	0.2814	0.2085	2.99E-01	0.1937	0.002667	604.6	0.001002	0.01138	0.01545	0.1276	5.065
2045-09-01	19	2974	204.6	99.41	1.728	244.1	1.728	1.693	0.01234	2.25E-04	1.227	7.26E-04	0.3335	0.2471	3.54E-01	0.2296	0.003161	716.7	0.001187	0.01349	0.01831	0.1513	6.004
2045-10-01	19	2357	162.2	78.79	1.369	193.5	1.369	1.342	0.009778	1.79E-04	0.9724	5.76E-04	0.2643	0.1958	2.81E-01	0.1819	2.51E-03	568	9.41E-04	0.01069	0.01451	0.1199	4.758
2045-11-01	19	1387	95.45	46.37	0.806	113.9	0.806	0.7898	0.005755	1.05E-04	0.5723	3.39E-04	0.1556	0.1153	1.65E-01	0.1071	1.48E-03	334.3	5.54E-04	0.006292	0.008542	0.07055	2.8
2045-12-01	19	302.1	20.78	10.1	0.1755	24.79	0.1755	0.1726	0.001253	2.29E-05	0.1246	7.38E-05	0.03387	0.02509	3.60E-02	0.02331	3.21E-04	72.78	1.21E-04	0.00137	0.00186	0.01536	0.6097
2046-01-01	20	71.25	5.494	2.32	0.03999	5.65	0.03999	0.04304	0.0004076	7.70E-06	0.05002	2.00E-05	0.007898	0.005827	8.20E-03	0.008175	8.12E-05	16.76	3.50E-05	0.0003771	0.0008199	0.003889	0.2768
2046-02-01	20	129.6	9.993	4.22	0.07274	10.28	0.07274	0.07829	0.0007413	1.40E-05	0.09098	3.64E-05	0.01487	0.0106	1.49E-02	0.01487	0.0001476	30.49	6.37E-05	0.0006859	0.001491	0.007073	0.5034
2046-03-01	20	591.3	45.6	19.25	0.3319	46.89	0.3319	0.3572	0.003382	6.39E-05	0.4151	0.0001662	0.06555	0.04836	6.81E-02	0.06785	0.0006737	139.1	0.0002908	0.00313	0.006804	0.03227	2.297
2046-04-01	20	3459	266.7	112.6	1.941	274.2	1.941	2.089	0.01978	0.0003739	2.428	0.0009719	0.3834	0.2829	3.98E-01	0.3968	0.00394	813.8	0.001701	0.0183	0.0398	0.1888	13.43
2046-05-01	20	6050	466.5	197	3.395	479.7	3.395	3.655	0.03461	0.0006541	4.247	0.0017	0.6706	0.4948	6.96E-01	0.4247	0.006892	1423	0.002975	0.03202	0.06962	0.3302	23.5
2046-06-01	20	5121	394.9	166.7	2.874	406.1	2.874	3.094	0.02929	0.0005537	3.595	0.001439	0.5677	0.4188	5.90E-01	0.5876	0.005835	1205	0.002519	0.0271	0.05893	0.2795	19.89
2046-07-01	20	4108	316.7	133.7	2.305	325.7	2.305	2.481	0.0235	0.0004441	2.884	0.001154	0.4553	0.3359	4.73E-01	0.4713	0.00468	966.5	0.00202	0.02174	0.04727	0.2242	15.96
2046-08-01	20	2598	200.3	84.57	1.458	206	1.458	1.569	0.01486	0.0002808	1.824	0.0007299	0.2879	0.2124	2.99E-01	0.298	0.002959	611.2	0.001277	0.01375	0.02989	0.1418	10.09
2046-09-01	20	3079	237.4	100.2	1.728	244.1	1.728	1.86	0.01761	0.0003329	2.162	0.0008652	0.3413	0.2518	3.54E-01	0.3533	0.003508	724.4	0.001514	0.01629	0.03543	0.168	11.96
2046-10-01	20	2440	188.1	79.45	1.369	193.5	1.369	1.474	0.01396	2.64E-04	1.713	6.86E-04	0.2705	0.1996	2.81E-01	0.28	2.78E-03	574.1	1.20E-03	0.01291	0.02808	0.1332	9.478
2046-11-01	20	1436	110.7	46.76	0.806	113.9	0.806	0.8675	0.008214	1.55E-04	1.008	4.04E-04	0.1592	0.1174	1.65E-01	0.1648	1.64E-03	337.9	7.06E-04	0.0076	0.01652	0.07838	5.578
2046-12-01	20	312.7	24.11	10.18	0.1755	24.79	0.1755	0.1889	0.001789	3.38E-05	0.2195	8.79E-05	0.03466	0.02557	3.60E-02	0.03588	3.56E-04	73.57	1.54E-04	0.001655	0.003598	0.01707	1.215
2047-01-01	21	73.67	6.252	2.339	0.03999	5.65	0.03999	0.0469	0.0005296	1.02E-05	0.07165	2.32E-05	0.008077	0.005936	8.20E-03	0.01104	8.92E-05	16.94	4.26E-05	0.000442	0.001216	0.004278	0.4146
2047-02-01	21	134	11.37	4.255	0.07274	10.28	0.07274	0.0853	0.0009633	1.85E-05	0.1303	4.23E-05	0.01469	0.0108	1.49E-02	0.02008	0.0001622	30.82	7.75E-05	0.0008039	0.002212	0.00778	0.7541
2047-03-01	21	611.4	51.89	19.41	0.3319	46.89	0.3319	0.3892	0.004395	8.46E-05	0.5946	0.0001928	0.06703	0.04927	6.81E-02	0.09161	0.0007402	140.6	0.0003536	0.003668	0.01009	0.0355	3.441
2047-04-01	21	3576	303.5	113.5	1.941	274.2	1.941	2.276	0.02571	0.0004947	3.478	0.001128	0.3921	0.2881	3.98E-01	0.5358	0.004329	822.5	0.002068	0.02145	0.05902	0.2076	20.12
2047-05-01	21	6255	530.9	198.6	3.395	479.7	3.395	3.982	0.04497	0.0008654	6.084	0.001973	0.6858	0.504	6.97E-01	0.9373	0.007573	1439	0.003618	0.03753	0.1032	0.3632	35.2
2047-06-01	21	5295	449.4	168.1	2.874	406.1	2.874	3.371	0.03807	0.0007325	5.15	0.00167	0.5806	0.4267	5.90E-01	0.7934	0.006411	1218	0.003062	0.03177	0.0874	0.3075	29.8
2047-07-01	21	4247	360.5	134.9	2.305	325.7	2.305	2.704	0.03053	0.0005876	4.131	0.00134	0.4657	0.3422	4.73E-01	0.6364	0.005142	976.8	0.002456	0.02548	0.0701	0.2466	23.9
2047-08-01	21	2686	227.9	85.28	1.458	206	1.458	1.71	0.01931	0.0003715	2.612	0.0008471	0.2945	0.2164	2.99E-01	0.4024	0.003251	617.7	0.001553	0.01611	0.04433	0.1559	15.11

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2044-02-01	18	5.235	0.003341	25.06	0.06752	8.34E-03	0.004303	7.541	3.65E-03	1.03E-03	4.30E-04	7.74E-04	0.005702	1.54E-01	2.31E-03	5.73E-05	8.38E-03	1.09E-02	0.001275	0.0002386	2.29E-02	0.0003303
2044-03-01	18	24.74	0.01579	118.4	0.3191	3.94E-02	0.02034	35.64	1.72E-02	4.88E-03	2.03E-03	3.66E-03	0.02694	7.28E-01	1.09E-02	2.71E-04	3.96E-02	5.15E-02	0.006026	0.001128	1.08E-01	0.001561
2044-04-01	18	144.7	0.09235	692.6	1.866	2.30E-01	0.1189	208.4	1.01E-01	2.86E-02	1.19E-02	2.14E-02	0.1576	4.26E+00	6.40E-02	1.58E-03	2.32E-01	3.01E-01	0.03524	0.006596	6.32E-01	0.009128
2044-05-01	18	253.1	0.1615	1212	3.264	4.03E-01	0.2081	364.6	1.76E-01	5.00E-02	2.08E-02	3.74E-02	0.2757	7.45E+00	1.12E-01	2.77E-03	4.05E-01	5.27E-01	0.06165	0.01154	1.11E+00	0.01597
2044-06-01	18	214.2	0.1368	1026	2.763	3.41E-01	0.1761	308.6	1.49E-01	4.23E-02	1.76E-02	3.17E-02	0.2334	6.31E+00	9.47E-02	2.35E-03	3.43E-01	4.46E-01	0.05219	0.009767	9.36E-01	0.01352
2044-07-01	18	171.8	0.1097	822.6	2.216	2.74E-01	0.1413	247.6	1.20E-01	3.39E-02	1.41E-02	2.54E-02	0.1872	5.06E+00	7.60E-02	1.88E-03	2.75E-01	3.58E-01	0.04186	0.007834	7.51E-01	0.01084
2044-08-01	18	108.7	0.06936	520.2	1.402	1.73E-01	0.08933	156.5	7.57E-02	2.15E-02	8.93E-03	1.61E-02	0.1184	3.20E+00	4.80E-02	1.19E-03	1.74E-01	2.26E-01	0.02647	0.004954	4.75E-01	0.006856
2044-09-01	18	128.8	0.08222	616.6	1.661	2.05E-01	0.1059	185.5	8.97E-02	2.54E-02	1.06E-02	1.90E-02	0.1403	3.79E+00	5.69E-02	1.41E-03	2.06E-01	2.68E-01	0.03137	0.005872	5.63E-01	0.008126
2044-10-01	18	102.1	0.06516	488.6	1.317	1.63E-01	0.08392	147.1	7.11E-02	2.02E-02	8.39E-03	1.51E-02	0.1112	3.00E+00	4.51E-02	1.12E-03	1.63E-01	2.12E-01	2.49E-02	4.65E-03	4.46E-01	6.44E-03
2044-11-01	18	60.08	0.03835	287.6	0.7749	9.57E-02	0.04939	86.54	0.04186	1.19E-02	4.94E-03	8.88E-03	0.06544	1.768	2.66E-02	6.58E-04	9.61E-02	0.125	0.01463	0.002739	0.2626	0.00379
2044-12-01	18	13.08	0.00835	62.62	0.1687	0.02083	0.01075	18.84	0.009114	0.002582	0.001074	0.001933	0.01425	0.385	5.78E-03	1.43E-04	2.09E-02	0.02722	0.003186	0.0005963	0.05717	0.0008253
2045-01-01	19	3.031	0.01099	20.94	0.04761	0.004808	0.6095	4.357	0.002378	0.000678	0.0003352	0.0005002	0.6103	0.008789	1.33E-03	4.09E-05	0.004799	0.006392	0.002032	0.001438	0.01316	0.005463
2045-02-01	19	5.513	0.01998	38.08	0.08659	0.008745	1.109	7.925	0.004325	0.001233	0.0006097	0.0009097	1.11	0.1599	0.002418	7.44E-05	0.008728	0.01163	0.003696	0.002615	0.02393	0.009937
2045-03-01	19	25.15	0.09117	173.7	0.3951	0.0399	5.058	36.16	0.01974	0.005627	0.002782	0.004151	5.065	0.7294	0.01103	0.0003394	0.03982	0.05304	0.01686	0.01193	0.1092	0.04534
2045-04-01	19	147.1	0.5332	1016	2.311	0.2334	29.58	211.5	0.1154	0.03291	0.01627	0.02428	29.62	4.266	0.06452	0.001985	0.2329	0.3102	0.09864	0.0698	0.6386	0.2652
2045-05-01	19	257.4	0.9328	1778	4.042	0.4082	51.75	369.9	0.2019	0.05757	0.02846	0.04247	51.82	7.462	0.1129	0.003472	0.4074	0.5427	0.1725	0.1221	1.117	0.4639
2045-06-01	19	217.9	0.7896	1505	3.422	0.3456	43.81	313.2	0.1709	0.04873	0.02409	0.03595	43.86	6.317	0.09554	0.002939	0.3449	0.4594	0.1461	0.1034	0.9456	0.3927
2045-07-01	19	174.7	0.6333	1207	2.745	0.2772	35.14	251.2	0.1371	0.03909	0.01933	0.02883	35.18	5.067	0.07663	0.002357	0.2766	0.3685	0.1172	0.0829	0.7584	0.315
2045-08-01	19	110.5	0.4005	763.2	1.736	0.1753	22.22	158.8	0.08669	0.02472	0.01222	0.01823	22.25	3.204	0.04846	0.001491	0.1749	0.233	0.07408	0.05242	0.4796	0.1992
2045-09-01	19	131	0.4747	904.6	2.057	0.2077	26.34	188.3	0.1028	0.0293	0.01449	0.02161	26.37	3.798	0.05744	0.001767	0.2073	0.2762	0.08781	0.06214	0.5685	0.2361
2045-10-01	19	103.8	0.3762	716.9	1.63	0.1646	20.87	149.2	0.08144	0.02322	0.01148	0.01713	20.9	3.01	4.55E-02	1.40E-03	0.1643	0.2189	0.06959	0.04924	0.4505	0.1871
2045-11-01	19	61.09	0.2214	421.9	0.9595	0.0969	12.28	87.81	0.04793	0.01367	0.006756	0.01008	12.3	1.771	2.68E-02	8.24E-04	9.67E-02	0.1288	0.04096	0.02898	0.2652	0.1101
2045-12-01	19	13.3	0.04821	91.87	0.2089	0.0211	2.675	19.12	0.01044	0.002976	0.001471	0.002195	2.678	0.3857	5.83E-03	1.80E-04	0.02106	0.02805	0.008918	0.00631	0.05773	0.02398
2046-01-01	20	3.081	0.02007	27.6	0.05677	0.004869	1.217	4.42	0.002679	0.0007677	0.0004256	0.0005598	1.217	0.08804	0.001341	4.92E-05	0.004828	0.006581	0.003338	0.00274	0.01328	0.01074
2046-02-01	20	5.604	0.0365	50.2	0.1033	0.008857	2.213	8.039	0.004873	0.001396	0.0007741	0.001018	2.214	0.1601	0.002439	8.94E-05	0.008781	0.01197	0.006072	0.004984	0.02416	0.01953
2046-03-01	20	25.57	0.1666	229.1	0.4711	0.04041	10.1	36.68	0.02223	0.006371	0.003532	0.004646	10.1	0.7307	0.01113	0.000408	0.04006	0.05461	0.0277	0.02274	0.1102	0.08912
2046-04-01	20	149.6	0.9741	1340	2.756	0.2364	59.05	214.5	0.13	0.03726	0.02066	0.02717	59.09	4.274	0.06508	0.002386	0.2343	0.3194	0.162	0.133	0.6448	0.5213
2046-05-01	20	261.6	1.704	2344	4.82	0.4135	103.3	375.3	0.2275	0.06518	0.03614	0.04754	103.4	7.476	0.1138	0.004174	0.4099	0.5587	0.2834	0.2326	1.128	0.9118
2046-06-01	20	221.5	1.442	1984	4.08	0.35	87.44	317.7	0.1926	0.05518	0.03059	0.04024	87.49	6.328	0.09637	0.003534	0.347	0.473	0.2399	0.1969	0.9548	0.7719
2046-07-01	20	177.6	1.157	1591	3.273	0.2807	70.13	254.8	0.1545	0.04426	0.02454	0.03228	70.18	5.076	0.0773	0.002834	0.2783	0.3794	0.1924	0.158	0.7658	0.6191
2046-08-01	20	112.3	0.7316	1006	2.07	0.1775	44.35	161.1	0.09767	0.02799	0.01552	0.02041	44.38	3.21	0.04888	0.001792	0.176	0.2399	0.1217	0.09989	0.4843	0.3915
2046-09-01	20	133.1	0.8672	1193	2.453	0.2104	52.57	191	0.1158	0.03317	0.01839	0.02419	52.6	3.804	0.05794	0.002124	0.2086	0.2844	0.1442	0.1184	0.574	0.464
2046-10-01	20	105.5	0.6873	945.2	1.944	0.1668	41.66	151.4	0.09175	0.02629	0.01457	0.01917	41.69	3.015	0.04592	1.68E-03	0.1653	0.2254	0.1143	0.09383	0.4549	0.3678
2046-11-01	20	62.1	0.4045	556.3	1.144	0.09814	24.52	89.08	0.054	0.01547	0.008578	0.01128	24.53	1.774	2.70E-02	9.91E-04	9.73E-02	0.1326	0.06728	0.05522	0.2677	0.2164
2046-12-01	20	13.52	0.08807	121.1	0.2491	0.02137	5.339	19.4	0.01176	0.003369	0.001868	0.002457	5.342	0.3864	5.88E-03	2.16E-04	0.02119	0.02888	0.01465	0.01202	0.0583	0.04713
2047-01-01	21	3.131	0.02915	34.27	0.06593	0.004931	1.824	4.483	0.00298	0.0008573	0.000516	0.0006195	1.824	0.00882	0.001352	5.74E-05	0.004857	0.00677	0.004644	0.004042	0.01341	0.01601
2047-02-01	21	5.695	0.05302	62.33	0.1199	0.008969	3.317	8.154	0.005421	0.001559	0.0009385	0.001127	3.318	0.1604	0.00246	0.0001045	0.008834	0.01231	0.008447	0.007352	0.0244	0.02913
2047-03-01	21	25.99	0.2419	284.4	0.5472	0.04092	15.13	37.2	0.02473	0.007115	0.004282	0.005141	15.14	0.732	0.01122	0.0004766	0.04031	0.05618	0.03854	0.03355	0.1113	0.1329
2047-04-01	21	152	1.415	1663	3.2	0.2394	88.51	217.6	0.1447	0.04161	0.02505	0.03007	88.55	4.281	0.06564	0.002788	0.2357	0.3286	0.2254	0.1962	0.6511	0.7773
2047-05-01	21	265.9	2.475	2910	5.598	0.4187	154.8	380.6	0.2531	0.07279	0.04381	0.0526	154.9	7.489	0.1148	0.004877	0.4124	0.5748	0.3943	0.3432	1.139	1.36
2047-06-01	21	225.1	2.095	2463	4.739	0.3544	131.1	322.2	0.2142	0.06162	0.03709	0.04453	131.1	6.339	0.0972	0.004128	0.3491	0.4866	0.3338	0.2905	0.9641	1.151
2047-07-01	21	180.5	1.681	1976	3.801	0.2843	105.1	258.4	0.1718	0.04942	0.02975	0.03572	105.2	5.085	0.07796	0.003311	0.28	0.3903	0.2677	0.233	0.7733	0.9232
2047-08-01	21	114.2	1.063	1249	2.404	0.1798	66.48	163.4	0.1087	0.03125	0.01881	0.02258	66.51	3.215	0.0493	0.002094	0.1771	0.2468	0.1693	0.1474	0.489	0.5838
2047-09-01	21	135.3	1.26	1481	2.849	0.2131	78.8	193.7	0.1288	0.03704	0.0223	0.02677	78.83	3.811	0.05844	0.002482	0.2099	0.2925	0.2007	0.1747	0.5796	0.692
2047-10-01	21	107.2	0.9983	1174	2.258	0.1689	62.45	153.5	0.1021	0.02936	0.01767	0.02122	62.48	3.02	0.04631	0.001967	0.1663	0.2318	0.159	0		

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2050-11-01	24	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2050-12-01	24	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2051-01-01	25	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2051-02-01	25	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2051-03-01	25	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2051-04-01	25	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2051-05-01	25	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2051-06-01	25	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2051-07-01	25	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2051-08-01	25	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2051-09-01	25	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2051-10-01	25	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2051-11-01	25	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2051-12-01	25	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2052-01-01	26	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2052-02-01	26	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	1.44E-02	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2052-03-01	26	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2052-04-01	26	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2052-05-01	26	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2052-06-01	26	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2052-07-01	26	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2052-08-01	26	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2052-09-01	26	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2052-10-01	26	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2052-11-01	26	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2052-12-01	26	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2053-01-01	27	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2053-02-01	27	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2053-03-01	27	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2053-04-01	27	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2053-05-01	27	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2053-06-01	27	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2053-07-01	27	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2053-08-01	27	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2053-09-01	27	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2053-10-01	27	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2053-11-01	27	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2053-12-01	27	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2054-01-01	28	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2054-02-01	28	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2054-03-01	28	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2054-04-01	28	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2054-05-01	28	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2054-06-01	28	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704												

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2050-11-01	24	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2050-12-01	24	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2051-01-01	25	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2051-02-01	25	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2051-03-01	25	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2051-04-01	25	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2051-05-01	25	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2051-06-01	25	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2051-07-01	25	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2051-08-01	25	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2051-09-01	25	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2051-10-01	25	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2051-11-01	25	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2051-12-01	25	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2052-01-01	26	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2052-02-01	26	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2052-03-01	26	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2052-04-01	26	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2052-05-01	26	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2052-06-01	26	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2052-07-01	26	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2052-08-01	26	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2052-09-01	26	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2052-10-01	26	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2052-11-01	26	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2052-12-01	26	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2053-01-01	27	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2053-02-01	27	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2053-03-01	27	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2053-04-01	27	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2053-05-01	27	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2053-06-01	27	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2053-07-01	27	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2053-08-01	27	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2053-09-01	27	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2053-10-01	27	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2053-11-01	27	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2053-12-01	27	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2054-01-01	28	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2054-02-01	28	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2054-03-01	28	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2054-04-01	28	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2054-05-01	28	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2054-06-01	28	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2054-07-01	28	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2054-08-01	28	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2054-09-01	28	1																				

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2057-08-01	31	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2057-09-01	31	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2057-10-01	31	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2057-11-01	31	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2057-12-01	31	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2058-01-01	32	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2058-02-01	32	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2058-03-01	32	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2058-04-01	32	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2058-05-01	32	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2058-06-01	32	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2058-07-01	32	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2058-08-01	32	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2058-09-01	32	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2058-10-01	32	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2058-11-01	32	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2058-12-01	32	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2059-01-01	33	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2059-02-01	33	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2059-03-01	33	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2059-04-01	33	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2059-05-01	33	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2059-06-01	33	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2059-07-01	33	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2059-08-01	33	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2059-09-01	33	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2059-10-01	33	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2059-11-01	33	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2059-12-01	33	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2060-01-01	34	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2060-02-01	34	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	1.44E-02	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2060-03-01	34	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2060-04-01	34	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2060-05-01	34	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2060-06-01	34	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2060-07-01	34	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2060-08-01	34	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2060-09-01	34	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2060-10-01	34	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2060-11-01	34	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2060-12-01	34	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2061-01-01	35	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2061-02-01	35	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2061-03-01	35	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741												

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2057-08-01	31	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2057-09-01	31	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2057-10-01	31	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2057-11-01	31	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2057-12-01	31	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2058-01-01	32	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2058-02-01	32	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2058-03-01	32	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2058-04-01	32	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2058-05-01	32	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2058-06-01	32	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2058-07-01	32	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2058-08-01	32	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2058-09-01	32	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2058-10-01	32	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2058-11-01	32	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2058-12-01	32	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2059-01-01	33	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2059-02-01	33	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2059-03-01	33	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2059-04-01	33	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2059-05-01	33	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2059-06-01	33	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2059-07-01	33	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2059-08-01	33	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2059-09-01	33	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2059-10-01	33	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2059-11-01	33	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2059-12-01	33	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2060-01-01	34	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2060-02-01	34	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2060-03-01	34	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2060-04-01	34	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2060-05-01	34	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2060-06-01	34	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2060-07-01	34	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2060-08-01	34	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2060-09-01	34	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2060-10-01	34	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2060-11-01	34	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2060-12-01	34	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2061-01-01	35	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2061-02-01	35	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2061-03-01	35	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2061-04-01	35	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2061-05-01	35	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2061-06-01	35	228.7																				

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2064-05-01	38	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2064-06-01	38	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2064-07-01	38	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2064-08-01	38	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2064-09-01	38	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2064-10-01	38	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2064-11-01	38	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2064-12-01	38	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2065-01-01	39	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2065-02-01	39	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2065-03-01	39	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2065-04-01	39	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2065-05-01	39	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2065-06-01	39	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2065-07-01	39	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2065-08-01	39	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2065-09-01	39	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2065-10-01	39	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2065-11-01	39	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2065-12-01	39	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2066-01-01	40	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2066-02-01	40	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2066-03-01	40	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2066-04-01	40	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2066-05-01	40	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2066-06-01	40	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2066-07-01	40	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2066-08-01	40	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2066-09-01	40	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2066-10-01	40	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2066-11-01	40	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2066-12-01	40	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2067-01-01	41	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2067-02-01	41	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2067-03-01	41	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2067-04-01	41	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2067-05-01	41	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2067-06-01	41	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2067-07-01	41	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2067-08-01	41	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2067-09-01	41	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2067-10-01	41	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2067-11-01	41	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2067-12-01	41	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-0						

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2064-05-01	38	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2064-06-01	38	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2064-07-01	38	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2064-08-01	38	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2064-09-01	38	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2064-10-01	38	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2064-11-01	38	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2064-12-01	38	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2065-01-01	39	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2065-02-01	39	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2065-03-01	39	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2065-04-01	39	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2065-05-01	39	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2065-06-01	39	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2065-07-01	39	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2065-08-01	39	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2065-09-01	39	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2065-10-01	39	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2065-11-01	39	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2065-12-01	39	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2066-01-01	40	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2066-02-01	40	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2066-03-01	40	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2066-04-01	40	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2066-05-01	40	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2066-06-01	40	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2066-07-01	40	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2066-08-01	40	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2066-09-01	40	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2066-10-01	40	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2066-11-01	40	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2066-12-01	40	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2067-01-01	41	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2067-02-01	41	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2067-03-01	41	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2067-04-01	41	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2067-05-01	41	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2067-06-01	41	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2067-07-01	41	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2067-08-01	41	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2067-09-01	41	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2067-10-01	41	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2067-11-01	41	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2067-12-01	41	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2068-01-01	42	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2068-02-01	42	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2068-03-01	42	26.4	0.3173</																			

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2071-02-01	45	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2071-03-01	45	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2071-04-01	45	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2071-05-01	45	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2071-06-01	45	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2071-07-01	45	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2071-08-01	45	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2071-09-01	45	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2071-10-01	45	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2071-11-01	45	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2071-12-01	45	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2072-01-01	46	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2072-02-01	46	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	1.44E-02	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2072-03-01	46	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2072-04-01	46	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2072-05-01	46	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2072-06-01	46	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2072-07-01	46	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2072-08-01	46	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2072-09-01	46	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2072-10-01	46	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2072-11-01	46	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2072-12-01	46	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2073-01-01	47	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2073-02-01	47	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2073-03-01	47	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2073-04-01	47	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2073-05-01	47	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2073-06-01	47	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2073-07-01	47	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2073-08-01	47	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2073-09-01	47	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2073-10-01	47	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2073-11-01	47	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2073-12-01	47	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2074-01-01	48	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2074-02-01	48	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2074-03-01	48	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2074-04-01	48	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2074-05-01	48	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2074-06-01	48	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2074-07-01	48	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2074-08-01	48	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2074-09-01	48	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966		

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2071-02-01	45	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2071-03-01	45	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2071-04-01	45	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2071-05-01	45	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2071-06-01	45	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2071-07-01	45	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2071-08-01	45	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2071-09-01	45	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2071-10-01	45	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2071-11-01	45	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2071-12-01	45	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2072-01-01	46	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2072-02-01	46	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2072-03-01	46	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2072-04-01	46	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2072-05-01	46	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2072-06-01	46	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2072-07-01	46	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2072-08-01	46	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2072-09-01	46	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2072-10-01	46	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2072-11-01	46	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2072-12-01	46	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2073-01-01	47	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2073-02-01	47	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2073-03-01	47	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2073-04-01	47	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2073-05-01	47	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2073-06-01	47	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2073-07-01	47	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2073-08-01	47	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2073-09-01	47	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2073-10-01	47	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2073-11-01	47	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2073-12-01	47	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2074-01-01	48	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2074-02-01	48	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2074-03-01	48	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2074-04-01	48	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2074-05-01	48	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2074-06-01	48	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2074-07-01	48	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2074-08-01	48	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2074-09-01	48	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2074-10-01	48	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2074-11-01	48	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2074-12-01	48	13.96	0.1678	179.6	0.3295	0.02191																

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2077-11-01	51	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2077-12-01	51	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2078-01-01	52	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2078-02-01	52	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2078-03-01	52	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2078-04-01	52	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2078-05-01	52	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2078-06-01	52	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2078-07-01	52	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2078-08-01	52	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2078-09-01	52	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2078-10-01	52	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2078-11-01	52	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2078-12-01	52	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2079-01-01	53	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2079-02-01	53	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2079-03-01	53	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2079-04-01	53	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2079-05-01	53	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2079-06-01	53	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2079-07-01	53	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2079-08-01	53	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2079-09-01	53	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2079-10-01	53	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2079-11-01	53	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2079-12-01	53	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2080-01-01	54	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2080-02-01	54	133.6	12.31	4.142	0.07023	0.08913	0.01144	0.1638	0.00913	2.23E-05	0.1638	4.65E-05	0.0144	0.01062	1.44E-02	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2080-03-01	54	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2080-04-01	54	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2080-05-01	54	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2080-06-01	54	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2080-07-01	54	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2080-08-01	54	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2080-09-01	54	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2080-10-01	54	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2080-11-01	54	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2080-12-01	54	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2081-01-01	55	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2081-02-01	55	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2081-03-01	55	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2081-04-01	55	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2081-05-01	55	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2081-06-01	55	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704												

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2077-11-01	51	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2077-12-01	51	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2078-01-01	52	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2078-02-01	52	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2078-03-01	52	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2078-04-01	52	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2078-05-01	52	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2078-06-01	52	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2078-07-01	52	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2078-08-01	52	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2078-09-01	52	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2078-10-01	52	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2078-11-01	52	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2078-12-01	52	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2079-01-01	53	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2079-02-01	53	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2079-03-01	53	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2079-04-01	53	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2079-05-01	53	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2079-06-01	53	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2079-07-01	53	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2079-08-01	53	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2079-09-01	53	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2079-10-01	53	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2079-11-01	53	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2079-12-01	53	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2080-01-01	54	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2080-02-01	54	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001193	0.001065	0.001235	4.27	0.1552	0.002395	0.0001154	0.008886	0.01222	0.01045	0.009385	0.02378	0.03739
2080-03-01	54	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2080-04-01	54	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2080-05-01	54	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2080-06-01	54	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2080-07-01	54	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2080-08-01	54	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2080-09-01	54	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2080-10-01	54	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2080-11-01	54	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2080-12-01	54	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2081-01-01	55	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2081-02-01	55	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2081-03-01	55	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2081-04-01	55	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2081-05-01	55	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2081-06-01	55	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2081-07-01	55	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2081-08-01	55	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2081-09-01	55																					

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2084-08-01	58	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2084-09-01	58	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2084-10-01	58	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2084-11-01	58	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2084-12-01	58	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2085-01-01	59	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2085-02-01	59	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2085-03-01	59	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2085-04-01	59	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2085-05-01	59	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2085-06-01	59	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2085-07-01	59	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2085-08-01	59	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2085-09-01	59	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2085-10-01	59	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2085-11-01	59	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2085-12-01	59	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2086-01-01	60	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2086-02-01	60	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2086-03-01	60	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2086-04-01	60	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2086-05-01	60	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2086-06-01	60	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2086-07-01	60	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2086-08-01	60	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2086-09-01	60	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2086-10-01	60	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2086-11-01	60	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2086-12-01	60	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2087-01-01	61	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2087-02-01	61	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2087-03-01	61	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2087-04-01	61	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2087-05-01	61	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2087-06-01	61	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2087-07-01	61	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2087-08-01	61	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2087-09-01	61	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2087-10-01	61	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2087-11-01	61	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2087-12-01	61	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2088-01-01	62	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2088-02-01	62	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	1.44E-02	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2088-03-01	62	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741												

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2084-08-01	58	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2084-09-01	58	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2084-10-01	58	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2084-11-01	58	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2084-12-01	58	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2085-01-01	59	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2085-02-01	59	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2085-03-01	59	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2085-04-01	59	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2085-05-01	59	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2085-06-01	59	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2085-07-01	59	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2085-08-01	59	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2085-09-01	59	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2085-10-01	59	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2085-11-01	59	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2085-12-01	59	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2086-01-01	60	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2086-02-01	60	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2086-03-01	60	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2086-04-01	60	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2086-05-01	60	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2086-06-01	60	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2086-07-01	60	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2086-08-01	60	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2086-09-01	60	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2086-10-01	60	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2086-11-01	60	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2086-12-01	60	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2087-01-01	61	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2087-02-01	61	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2087-03-01	61	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2087-04-01	61	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2087-05-01	61	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2087-06-01	61	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2087-07-01	61	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2087-08-01	61	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2087-09-01	61	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2087-10-01	61	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2087-11-01	61	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2087-12-01	61	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2088-01-01	62	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2088-02-01	62	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2088-03-01	62	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2088-04-01	62	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2088-05-01	62	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2088-06-01	62	228.7																				

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2091-05-01	65	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2091-06-01	65	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2091-07-01	65	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2091-08-01	65	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2091-09-01	65	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2091-10-01	65	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2091-11-01	65	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2091-12-01	65	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2092-01-01	66	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2092-02-01	66	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	1.44E-02	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2092-03-01	66	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2092-04-01	66	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2092-05-01	66	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2092-06-01	66	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2092-07-01	66	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2092-08-01	66	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2092-09-01	66	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2092-10-01	66	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2092-11-01	66	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2092-12-01	66	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2093-01-01	67	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2093-02-01	67	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2093-03-01	67	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2093-04-01	67	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2093-05-01	67	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2093-06-01	67	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2093-07-01	67	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2093-08-01	67	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2093-09-01	67	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2093-10-01	67	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2093-11-01	67	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2093-12-01	67	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2094-01-01	68	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2094-02-01	68	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2094-03-01	68	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2094-04-01	68	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2094-05-01	68	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2094-06-01	68	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2094-07-01	68	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2094-08-01	68	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2094-09-01	68	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2094-10-01	68	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2094-11-01	68	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2094-12-01	68	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101							

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2091-05-01	65	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2091-06-01	65	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2091-07-01	65	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2091-08-01	65	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2091-09-01	65	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2091-10-01	65	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2091-11-01	65	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2091-12-01	65	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2092-01-01	66	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2092-02-01	66	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2092-03-01	66	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2092-04-01	66	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2092-05-01	66	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2092-06-01	66	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2092-07-01	66	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2092-08-01	66	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2092-09-01	66	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2092-10-01	66	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2092-11-01	66	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2092-12-01	66	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2093-01-01	67	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2093-02-01	67	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2093-03-01	67	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2093-04-01	67	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2093-05-01	67	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2093-06-01	67	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2093-07-01	67	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2093-08-01	67	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2093-09-01	67	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2093-10-01	67	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2093-11-01	67	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2093-12-01	67	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2094-01-01	68	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2094-02-01	68	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2094-03-01	68	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2094-04-01	68	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2094-05-01	68	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2094-06-01	68	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2094-07-01	68	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2094-08-01	68	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2094-09-01	68	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2094-10-01	68	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2094-11-01	68	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2094-12-01	68	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2095-01-01	69	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2095-02-01	69	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2095-03-01	69	26.4	0.3173</																			

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2098-02-01	72	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2098-03-01	72	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2098-04-01	72	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2098-05-01	72	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2098-06-01	72	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2098-07-01	72	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2098-08-01	72	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2098-09-01	72	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2098-10-01	72	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2098-11-01	72	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2098-12-01	72	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2099-01-01	73	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2099-02-01	73	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2099-03-01	73	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2099-04-01	73	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2099-05-01	73	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2099-06-01	73	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2099-07-01	73	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2099-08-01	73	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2099-09-01	73	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2099-10-01	73	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2099-11-01	73	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2099-12-01	73	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2100-01-01	74	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2100-02-01	74	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	1.44E-02	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2100-03-01	74	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2100-04-01	74	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2100-05-01	74	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2100-06-01	74	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2100-07-01	74	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2100-08-01	74	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2100-09-01	74	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2100-10-01	74	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2100-11-01	74	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2100-12-01	74	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2101-01-01	75	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2101-02-01	75	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2101-03-01	75	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2101-04-01	75	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2101-05-01	75	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2101-06-01	75	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2101-07-01	75	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2101-08-01	75	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2101-09-01	75	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3								

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2098-02-01	72	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2098-03-01	72	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2098-04-01	72	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2098-05-01	72	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2098-06-01	72	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2098-07-01	72	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2098-08-01	72	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2098-09-01	72	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2098-10-01	72	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2098-11-01	72	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2098-12-01	72	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2099-01-01	73	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2099-02-01	73	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2099-03-01	73	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2099-04-01	73	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2099-05-01	73	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2099-06-01	73	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2099-07-01	73	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2099-08-01	73	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2099-09-01	73	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2099-10-01	73	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2099-11-01	73	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2099-12-01	73	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2100-01-01	74	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2100-02-01	74	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.008858	0.01222	0.01045	0.009385	0.02378	0.03739
2100-03-01	74	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2100-04-01	74	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2100-05-01	74	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2100-06-01	74	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2100-07-01	74	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2100-08-01	74	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2100-09-01	74	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2100-10-01	74	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2100-11-01	74	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2100-12-01	74	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2101-01-01	75	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2101-02-01	75	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2101-03-01	75	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2101-04-01	75	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2101-05-01	75	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2101-06-01	75	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2101-07-01	75	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2101-08-01	75	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2101-09-01	75	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2101-10-01	75	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2101-11-01	75	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2101-12-01	75	13.96	0.1678	179.6	0.3295	0.02191</																

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2104-11-01	78	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2104-12-01	78	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2105-01-01	79	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2105-02-01	79	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2105-03-01	79	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2105-04-01	79	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2105-05-01	79	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2105-06-01	79	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2105-07-01	79	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2105-08-01	79	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2105-09-01	79	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2105-10-01	79	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2105-11-01	79	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2105-12-01	79	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2106-01-01	80	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2106-02-01	80	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2106-03-01	80	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2106-04-01	80	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2106-05-01	80	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2106-06-01	80	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2106-07-01	80	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2106-08-01	80	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2106-09-01	80	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2106-10-01	80	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2106-11-01	80	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2106-12-01	80	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2107-01-01	81	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2107-02-01	81	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2107-03-01	81	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2107-04-01	81	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2107-05-01	81	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2107-06-01	81	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2107-07-01	81	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2107-08-01	81	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2107-09-01	81	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2107-10-01	81	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2107-11-01	81	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2107-12-01	81	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2108-01-01	82	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2108-02-01	82	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	1.44E-02	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2108-03-01	82	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2108-04-01	82	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2108-05-01	82	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2108-06-01	82	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704												

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2104-11-01	78	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2104-12-01	78	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2105-01-01	79	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2105-02-01	79	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2105-03-01	79	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2105-04-01	79	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2105-05-01	79	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2105-06-01	79	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2105-07-01	79	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2105-08-01	79	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2105-09-01	79	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2105-10-01	79	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2105-11-01	79	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2105-12-01	79	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2106-01-01	80	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2106-02-01	80	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2106-03-01	80	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2106-04-01	80	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2106-05-01	80	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2106-06-01	80	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2106-07-01	80	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2106-08-01	80	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2106-09-01	80	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2106-10-01	80	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2106-11-01	80	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2106-12-01	80	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2107-01-01	81	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2107-02-01	81	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2107-03-01	81	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2107-04-01	81	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2107-05-01	81	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2107-06-01	81	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2107-07-01	81	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2107-08-01	81	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2107-09-01	81	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2107-10-01	81	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2107-11-01	81	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2107-12-01	81	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2108-01-01	82	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2108-02-01	82	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2108-03-01	82	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2108-04-01	82	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2108-05-01	82	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2108-06-01	82	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2108-07-01	82	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2108-08-01	82	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2108-09-01	82	1																				

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2111-08-01	85	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2111-09-01	85	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2111-10-01	85	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2111-11-01	85	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2111-12-01	85	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2112-01-01	86	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2112-02-01	86	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	1.44E-02	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2112-03-01	86	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2112-04-01	86	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2112-05-01	86	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2112-06-01	86	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2112-07-01	86	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2112-08-01	86	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2112-09-01	86	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2112-10-01	86	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2112-11-01	86	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2112-12-01	86	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2113-01-01	87	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2113-02-01	87	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2113-03-01	87	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2113-04-01	87	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2113-05-01	87	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2113-06-01	87	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2113-07-01	87	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2113-08-01	87	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2113-09-01	87	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2113-10-01	87	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2113-11-01	87	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2113-12-01	87	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2114-01-01	88	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2114-02-01	88	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2114-03-01	88	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2114-04-01	88	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2114-05-01	88	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2114-06-01	88	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2114-07-01	88	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2114-08-01	88	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2114-09-01	88	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2114-10-01	88	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2114-11-01	88	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2114-12-01	88	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2115-01-01	89	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2115-02-01	89	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2115-03-01	89	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741												

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2111-08-01	85	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2111-09-01	85	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2111-10-01	85	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2111-11-01	85	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2111-12-01	85	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2112-01-01	86	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2112-02-01	86	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2112-03-01	86	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2112-04-01	86	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2112-05-01	86	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2112-06-01	86	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2112-07-01	86	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2112-08-01	86	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2112-09-01	86	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2112-10-01	86	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2112-11-01	86	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2112-12-01	86	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2113-01-01	87	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2113-02-01	87	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2113-03-01	87	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2113-04-01	87	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2113-05-01	87	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2113-06-01	87	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2113-07-01	87	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2113-08-01	87	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2113-09-01	87	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2113-10-01	87	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2113-11-01	87	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2113-12-01	87	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2114-01-01	88	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2114-02-01	88	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2114-03-01	88	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2114-04-01	88	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2114-05-01	88	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2114-06-01	88	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2114-07-01	88	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2114-08-01	88	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2114-09-01	88	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2114-10-01	88	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2114-11-01	88	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2114-12-01	88	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2115-01-01	89	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2115-02-01	89	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2115-03-01	89	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2115-04-01	89	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2115-05-01	89	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2115-06-01	89	228.7																				

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2118-05-01	92	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2118-06-01	92	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2118-07-01	92	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2118-08-01	92	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2118-09-01	92	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2118-10-01	92	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2118-11-01	92	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2118-12-01	92	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2119-01-01	93	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2119-02-01	93	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2119-03-01	93	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2119-04-01	93	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2119-05-01	93	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2119-06-01	93	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2119-07-01	93	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2119-08-01	93	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2119-09-01	93	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2119-10-01	93	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2119-11-01	93	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2119-12-01	93	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2120-01-01	94	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2120-02-01	94	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	1.44E-02	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2120-03-01	94	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2120-04-01	94	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2120-05-01	94	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2120-06-01	94	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2120-07-01	94	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2120-08-01	94	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2120-09-01	94	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2120-10-01	94	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2120-11-01	94	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2120-12-01	94	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.27E-04	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2121-01-01	95	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	8.20E-03	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2121-02-01	95	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	1.49E-02	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2121-03-01	95	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2121-04-01	95	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2121-05-01	95	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	6.97E-01	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2121-06-01	95	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	5.90E-01	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2121-07-01	95	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	4.73E-01	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2121-08-01	95	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	2.99E-01	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2121-09-01	95	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	3.55E-01	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2121-10-01	95	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	9.06E-04	0.2827	0.207	2.81E-01	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2121-11-01	95	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	1.65E-01	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2121-12-01	95	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	3.60E-02	0.06101	4.2						

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2118-05-01	92	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2118-06-01	92	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2118-07-01	92	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2118-08-01	92	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2118-09-01	92	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2118-10-01	92	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2118-11-01	92	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2118-12-01	92	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2119-01-01	93	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2119-02-01	93	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2119-03-01	93	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2119-04-01	93	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2119-05-01	93	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2119-06-01	93	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2119-07-01	93	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2119-08-01	93	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2119-09-01	93	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2119-10-01	93	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2119-11-01	93	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2119-12-01	93	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2120-01-01	94	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2120-02-01	94	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2120-03-01	94	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2120-04-01	94	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2120-05-01	94	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2120-06-01	94	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2120-07-01	94	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2120-08-01	94	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2120-09-01	94	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2120-10-01	94	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2120-11-01	94	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2120-12-01	94	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2121-01-01	95	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2121-02-01	95	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2121-03-01	95	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2121-04-01	95	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2121-05-01	95	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2121-06-01	95	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2121-07-01	95	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2121-08-01	95	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2121-09-01	95	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2121-10-01	95	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2121-11-01	95	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	2.75E-02	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2121-12-01	95	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	5.99E-03	2.88E-04	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2122-01-01	96	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2122-02-01	96	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2122-03-01	96	26.4	0.3173</																			

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2125-02-01	99	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2125-03-01	99	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2125-04-01	99	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2125-05-01	99	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2125-06-01	99	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2125-07-01	99	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2125-08-01	99	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2125-09-01	99	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2125-10-01	99	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2125-11-01	99	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2125-12-01	99	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2126-01-01	100	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2126-02-01	100	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2126-03-01	100	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2126-04-01	100	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2126-05-01	100	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2126-06-01	100	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2126-07-01	100	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2126-08-01	100	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2126-09-01	100	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2126-10-01	100	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2126-11-01	100	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2126-12-01	100	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2127-01-01	101	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2127-02-01	101	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2127-03-01	101	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2127-04-01	101	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2127-05-01	101	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2127-06-01	101	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2127-07-01	101	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2127-08-01	101	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2127-09-01	101	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2127-10-01	101	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2127-11-01	101	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2127-12-01	101	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2128-01-01	102	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2128-02-01	102	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	0.01441	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2128-03-01	102	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2128-04-01	102	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2128-05-01	102	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2128-06-01	102	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2128-07-01	102	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2128-08-01	102	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2128-09-01	102	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2128																							

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2125-02-01	99	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2125-03-01	99	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2125-04-01	99	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2125-05-01	99	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2125-06-01	99	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2125-07-01	99	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2125-08-01	99	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2125-09-01	99	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2125-10-01	99	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2125-11-01	99	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2125-12-01	99	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2126-01-01	100	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2126-02-01	100	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2126-03-01	100	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2126-04-01	100	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2126-05-01	100	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2126-06-01	100	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2126-07-01	100	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2126-08-01	100	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2126-09-01	100	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2126-10-01	100	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2126-11-01	100	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2126-12-01	100	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2127-01-01	101	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2127-02-01	101	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2127-03-01	101	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2127-04-01	101	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2127-05-01	101	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2127-06-01	101	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2127-07-01	101	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2127-08-01	101	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2127-09-01	101	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2127-10-01	101	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2127-11-01	101	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2127-12-01	101	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2128-01-01	102	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2128-02-01	102	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2128-03-01	102	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2128-04-01	102	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2128-05-01	102	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2128-06-01	102	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2128-07-01	102	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2128-08-01	102	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2128-09-01	102	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2128-10-01	102	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2128-11-01	102	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2128-12-01	102	13.96	0.1678																			

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2131-11-01	105	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2131-12-01	105	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2132-01-01	106	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2132-02-01	106	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.01062	0.01062	0.01441	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2132-03-01	106	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2132-04-01	106	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2132-05-01	106	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2132-06-01	106	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2132-07-01	106	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2132-08-01	106	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2132-09-01	106	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2132-10-01	106	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2132-11-01	106	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2132-12-01	106	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2133-01-01	107	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2133-02-01	107	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2133-03-01	107	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2133-04-01	107	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2133-05-01	107	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2133-06-01	107	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2133-07-01	107	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2133-08-01	107	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2133-09-01	107	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2133-10-01	107	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2133-11-01	107	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2133-12-01	107	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2134-01-01	108	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2134-02-01	108	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2134-03-01	108	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2134-04-01	108	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2134-05-01	108	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2134-06-01	108	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2134-07-01	108	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2134-08-01	108	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2134-09-01	108	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2134-10-01	108	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2134-11-01	108	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2134-12-01	108	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2135-01-01	109	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2135-02-01	109	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2135-03-01	109	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2135-04-01	109	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2135-05-01	109	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2135-06-01	109	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901											

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2131-11-01	105	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2131-12-01	105	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2132-01-01	106	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2132-02-01	106	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2132-03-01	106	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2132-04-01	106	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2132-05-01	106	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2132-06-01	106	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2132-07-01	106	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2132-08-01	106	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2132-09-01	106	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2132-10-01	106	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2132-11-01	106	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2132-12-01	106	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2133-01-01	107	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2133-02-01	107	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2133-03-01	107	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2133-04-01	107	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2133-05-01	107	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2133-06-01	107	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2133-07-01	107	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2133-08-01	107	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2133-09-01	107	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2133-10-01	107	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2133-11-01	107	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2133-12-01	107	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2134-01-01	108	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2134-02-01	108	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2134-03-01	108	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2134-04-01	108	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2134-05-01	108	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2134-06-01	108	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2134-07-01	108	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2134-08-01	108	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2134-09-01	108	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2134-10-01	108	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2134-11-01	108	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2134-12-01	108	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2135-01-01	109	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2135-02-01	109	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2135-03-01	109	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2135-04-01	109	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2135-05-01	109	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2135-06-01	109	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2135-07-01	109	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2135-08-01	109	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4	

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2138-08-01	112	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2138-09-01	112	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2138-10-01	112	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2138-11-01	112	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2138-12-01	112	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2139-01-01	113	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2139-02-01	113	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2139-03-01	113	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2139-04-01	113	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2139-05-01	113	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2139-06-01	113	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2139-07-01	113	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2139-08-01	113	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2139-09-01	113	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2139-10-01	113	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2139-11-01	113	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2139-12-01	113	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2140-01-01	114	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2140-02-01	114	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	0.01441	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2140-03-01	114	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2140-04-01	114	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2140-05-01	114	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2140-06-01	114	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2140-07-01	114	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2140-08-01	114	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2140-09-01	114	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2140-10-01	114	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2140-11-01	114	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2140-12-01	114	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2141-01-01	115	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2141-02-01	115	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2141-03-01	115	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2141-04-01	115	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2141-05-01	115	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2141-06-01	115	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2141-07-01	115	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2141-08-01	115	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2141-09-01	115	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2141-10-01	115	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2141-11-01	115	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2141-12-01	115	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2142-01-01	116	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2142-02-01	116	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2142-03-01	116	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06										

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2138-08-01	112	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2138-09-01	112	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2138-10-01	112	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2138-11-01	112	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2138-12-01	112	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2139-01-01	113	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2139-02-01	113	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2139-03-01	113	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2139-04-01	113	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2139-05-01	113	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2139-06-01	113	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2139-07-01	113	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2139-08-01	113	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2139-09-01	113	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2139-10-01	113	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2139-11-01	113	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2139-12-01	113	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2140-01-01	114	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2140-02-01	114	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2140-03-01	114	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2140-04-01	114	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2140-05-01	114	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2140-06-01	114	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2140-07-01	114	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2140-08-01	114	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2140-09-01	114	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2140-10-01	114	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2140-11-01	114	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2140-12-01	114	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2141-01-01	115	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2141-02-01	115	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2141-03-01	115	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2141-04-01	115	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2141-05-01	115	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2141-06-01	115	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2141-07-01	115	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2141-08-01	115	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2141-09-01	115	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2141-10-01	115	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2141-11-01	115	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2141-12-01	115	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2142-01-01	116	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2142-02-01	116	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2142-03-01	116	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2142-04-01	116	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2142-05-01	116	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate kg/d	Chloride kg/d	Bromide kg/d	Nitrite kg/d	Nitrate kg/d	Total Ammonia kg/d	Fluoride kg/d	Chromium VI kg/d	Mercury kg/d	Aluminum kg/d	Silver kg/d	Arsenic kg/d	Barium kg/d	Beryllium kg/d	Boron kg/d	Bismuth kg/d	Calcium kg/d	Cadmium kg/d	Cobalt kg/d	Chromium III kg/d	Copper kg/d	Iron kg/d
2145-05-01	119	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2145-06-01	119	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2145-07-01	119	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2145-08-01	119	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2145-09-01	119	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2145-10-01	119	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2145-11-01	119	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2145-12-01	119	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2146-01-01	120	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2146-02-01	120	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2146-03-01	120	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2146-04-01	120	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2146-05-01	120	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2146-06-01	120	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2146-07-01	120	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2146-08-01	120	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2146-09-01	120	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2146-10-01	120	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2146-11-01	120	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2146-12-01	120	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2147-01-01	121	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2147-02-01	121	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2147-03-01	121	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2147-04-01	121	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2147-05-01	121	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2147-06-01	121	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2147-07-01	121	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2147-08-01	121	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2147-09-01	121	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2147-10-01	121	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2147-11-01	121	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2147-12-01	121	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2148-01-01	122	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2148-02-01	122	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	0.01441	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2148-03-01	122	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2148-04-01	122	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2148-05-01	122	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2148-06-01	122	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2148-07-01	122	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2148-08-01	122	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2148-09-01	122	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2148-10-01	122	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2148-11-01	122	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2148-12-01	122	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2149-01-01	1																						

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2145-05-01	119	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2145-06-01	119	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2145-07-01	119	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2145-08-01	119	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2145-09-01	119	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2145-10-01	119	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2145-11-01	119	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2145-12-01	119	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2146-01-01	120	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2146-02-01	120	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2146-03-01	120	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2146-04-01	120	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2146-05-01	120	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2146-06-01	120	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2146-07-01	120	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2146-08-01	120	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2146-09-01	120	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2146-10-01	120	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2146-11-01	120	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2146-12-01	120	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2147-01-01	121	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2147-02-01	121	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2147-03-01	121	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2147-04-01	121	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2147-05-01	121	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2147-06-01	121	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2147-07-01	121	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2147-08-01	121	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2147-09-01	121	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2147-10-01	121	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2147-11-01	121	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2147-12-01	121	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2148-01-01	122	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2148-02-01	122	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2148-03-01	122	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2148-04-01	122	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2148-05-01	122	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2148-06-01	122	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2148-07-01	122	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2148-08-01	122	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2148-09-01	122	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2148-10-01	122	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2148-11-01	122	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2148-12-01	122	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2149-01-01	123	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2149-02-01	123	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872</

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2152-02-01	126	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	0.01441	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2152-03-01	126	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2152-04-01	126	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2152-05-01	126	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2152-06-01	126	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2152-07-01	126	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2152-08-01	126	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2152-09-01	126	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2152-10-01	126	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2152-11-01	126	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2152-12-01	126	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2153-01-01	127	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2153-02-01	127	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2153-03-01	127	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2153-04-01	127	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2153-05-01	127	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2153-06-01	127	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2153-07-01	127	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2153-08-01	127	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2153-09-01	127	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2153-10-01	127	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2153-11-01	127	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2153-12-01	127	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2154-01-01	128	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2154-02-01	128	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2154-03-01	128	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2154-04-01	128	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2154-05-01	128	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2154-06-01	128	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2154-07-01	128	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2154-08-01	128	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2154-09-01	128	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2154-10-01	128	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2154-11-01	128	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2154-12-01	128	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2155-01-01	129	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2155-02-01	129	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2155-03-01	129	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2155-04-01	129	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2155-05-01	129	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2155-06-01	129	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2155-07-01	129	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2155-08-01	129	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2155-09-01	129	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007</							

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2152-02-01	126	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2152-03-01	126	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2152-04-01	126	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2152-05-01	126	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2152-06-01	126	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2152-07-01	126	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2152-08-01	126	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2152-09-01	126	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2152-10-01	126	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2152-11-01	126	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2152-12-01	126	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2153-01-01	127	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2153-02-01	127	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2153-03-01	127	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2153-04-01	127	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2153-05-01	127	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2153-06-01	127	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2153-07-01	127	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2153-08-01	127	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2153-09-01	127	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2153-10-01	127	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2153-11-01	127	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2153-12-01	127	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2154-01-01	128	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2154-02-01	128	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2154-03-01	128	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2154-04-01	128	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2154-05-01	128	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2154-06-01	128	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2154-07-01	128	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2154-08-01	128	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2154-09-01	128	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2154-10-01	128	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2154-11-01	128	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2154-12-01	128	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2155-01-01	129	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2155-02-01	129	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2155-03-01	129	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2155-04-01	129	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2155-05-01	129	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2155-06-01	129	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2155-07-01	129	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2155-08-01	129	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2155-09-01	129	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2155-10-01	129	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2155-11-01	129	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2155-12-01	129	13.96																				

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2158-11-01	132	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2158-12-01	132	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2159-01-01	133	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2159-02-01	133	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2159-03-01	133	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2159-04-01	133	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2159-05-01	133	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2159-06-01	133	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2159-07-01	133	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2159-08-01	133	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2159-09-01	133	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2159-10-01	133	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2159-11-01	133	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2159-12-01	133	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2160-01-01	134	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2160-02-01	134	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	0.01441	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2160-03-01	134	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2160-04-01	134	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2160-05-01	134	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2160-06-01	134	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2160-07-01	134	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2160-08-01	134	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2160-09-01	134	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2160-10-01	134	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2160-11-01	134	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2160-12-01	134	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2161-01-01	135	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2161-02-01	135	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2161-03-01	135	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2161-04-01	135	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2161-05-01	135	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2161-06-01	135	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2161-07-01	135	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2161-08-01	135	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2161-09-01	135	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2161-10-01	135	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2161-11-01	135	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2161-12-01	135	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2162-01-01	136	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2162-02-01	136	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2162-03-01	136	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2162-04-01	136	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2162-05-01	136	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2162-06-01	136	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901</											

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2158-11-01	132	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2158-12-01	132	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2159-01-01	133	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2159-02-01	133	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2159-03-01	133	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2159-04-01	133	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2159-05-01	133	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2159-06-01	133	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2159-07-01	133	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2159-08-01	133	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2159-09-01	133	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2159-10-01	133	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2159-11-01	133	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2159-12-01	133	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2160-01-01	134	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2160-02-01	134	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2160-03-01	134	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2160-04-01	134	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2160-05-01	134	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2160-06-01	134	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2160-07-01	134	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2160-08-01	134	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2160-09-01	134	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2160-10-01	134	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2160-11-01	134	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2160-12-01	134	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2161-01-01	135	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2161-02-01	135	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2161-03-01	135	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2161-04-01	135	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2161-05-01	135	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2161-06-01	135	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2161-07-01	135	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2161-08-01	135	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2161-09-01	135	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2161-10-01	135	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2161-11-01	135	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2161-12-01	135	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2162-01-01	136	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2162-02-01	136	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2162-03-01	136	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2162-04-01	136	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2162-05-01	136	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2162-06-01	136	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2162-07-01	136	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2162-08-01	136	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4	

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2165-08-01	139	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2165-09-01	139	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2165-10-01	139	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2165-11-01	139	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2165-12-01	139	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2166-01-01	140	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2166-02-01	140	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2166-03-01	140	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2166-04-01	140	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2166-05-01	140	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2166-06-01	140	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2166-07-01	140	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2166-08-01	140	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2166-09-01	140	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2166-10-01	140	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2166-11-01	140	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2166-12-01	140	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2167-01-01	141	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2167-02-01	141	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2167-03-01	141	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2167-04-01	141	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2167-05-01	141	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2167-06-01	141	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2167-07-01	141	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2167-08-01	141	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2167-09-01	141	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2167-10-01	141	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2167-11-01	141	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2167-12-01	141	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2168-01-01	142	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2168-02-01	142	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	0.01441	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2168-03-01	142	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2168-04-01	142	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2168-05-01	142	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2168-06-01	142	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2168-07-01	142	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2168-08-01	142	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2168-09-01	142	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2168-10-01	142	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2168-11-01	142	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2168-12-01	142	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2169-01-01	143	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2169-02-01	143	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2169-03-01	143	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.068										

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2165-08-01	139	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2165-09-01	139	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2165-10-01	139	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2165-11-01	139	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2165-12-01	139	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2166-01-01	140	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2166-02-01	140	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2166-03-01	140	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2166-04-01	140	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2166-05-01	140	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2166-06-01	140	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2166-07-01	140	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2166-08-01	140	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2166-09-01	140	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2166-10-01	140	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2166-11-01	140	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2166-12-01	140	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2167-01-01	141	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2167-02-01	141	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2167-03-01	141	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2167-04-01	141	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2167-05-01	141	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2167-06-01	141	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2167-07-01	141	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2167-08-01	141	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2167-09-01	141	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2167-10-01	141	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2167-11-01	141	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2167-12-01	141	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2168-01-01	142	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2168-02-01	142	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.000858	0.01222	0.01045	0.009385	0.02378	0.03739
2168-03-01	142	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2168-04-01	142	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2168-05-01	142	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2168-06-01	142	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2168-07-01	142	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2168-08-01	142	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2168-09-01	142	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2168-10-01	142	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2168-11-01	142	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2168-12-01	142	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2169-01-01	143	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2169-02-01	143	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2169-03-01	143	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2169-04-01	143	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2169-05-01	143	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.1	

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2172-05-01	146	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2172-06-01	146	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2172-07-01	146	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2172-08-01	146	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2172-09-01	146	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2172-10-01	146	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2172-11-01	146	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2172-12-01	146	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2173-01-01	147	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2173-02-01	147	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2173-03-01	147	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2173-04-01	147	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2173-05-01	147	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2173-06-01	147	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2173-07-01	147	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2173-08-01	147	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2173-09-01	147	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2173-10-01	147	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2173-11-01	147	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2173-12-01	147	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2174-01-01	148	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2174-02-01	148	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2174-03-01	148	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2174-04-01	148	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2174-05-01	148	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2174-06-01	148	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2174-07-01	148	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2174-08-01	148	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2174-09-01	148	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2174-10-01	148	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2174-11-01	148	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2174-12-01	148	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2175-01-01	149	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2175-02-01	149	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2175-03-01	149	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2175-04-01	149	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2175-05-01	149	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2175-06-01	149	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2175-07-01	149	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2175-08-01	149	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2175-09-01	149	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2175-10-01	149	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2175-11-01	149	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2175-12-01	149	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20				

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2172-05-01	146	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2172-06-01	146	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2172-07-01	146	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2172-08-01	146	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2172-09-01	146	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2172-10-01	146	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2172-11-01	146	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2172-12-01	146	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2173-01-01	147	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2173-02-01	147	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2173-03-01	147	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2173-04-01	147	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2173-05-01	147	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2173-06-01	147	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2173-07-01	147	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2173-08-01	147	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2173-09-01	147	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2173-10-01	147	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2173-11-01	147	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2173-12-01	147	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2174-01-01	148	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2174-02-01	148	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2174-03-01	148	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2174-04-01	148	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2174-05-01	148	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2174-06-01	148	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2174-07-01	148	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2174-08-01	148	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2174-09-01	148	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2174-10-01	148	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2174-11-01	148	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2174-12-01	148	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2175-01-01	149	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2175-02-01	149	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2175-03-01	149	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2175-04-01	149	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2175-05-01	149	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2175-06-01	149	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2175-07-01	149	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2175-08-01	149	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2175-09-01	149	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2175-10-01	149	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2175-11-01	149	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2175-12-01	149	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2176-01-01	150	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2176-02-01	150	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739</

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2179-02-01	153	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2179-03-01	153	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2179-04-01	153	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2179-05-01	153	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2179-06-01	153	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2179-07-01	153	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2179-08-01	153	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2179-09-01	153	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2179-10-01	153	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	0.0009058	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2179-11-01	153	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2179-12-01	153	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2180-01-01	154	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2180-02-01	154	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	0.01441	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2180-03-01	154	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2180-04-01	154	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2180-05-01	154	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2180-06-01	154	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2180-07-01	154	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2180-08-01	154	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2180-09-01	154	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2180-10-01	154	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	0.0009058	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2180-11-01	154	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2180-12-01	154	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2181-01-01	155	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2181-02-01	155	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2181-03-01	155	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2181-04-01	155	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2181-05-01	155	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2181-06-01	155	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2181-07-01	155	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2181-08-01	155	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2181-09-01	155	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2181-10-01	155	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	0.0009058	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2181-11-01	155	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2181-12-01	155	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2182-01-01	156	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2182-02-01	156	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2182-03-01	156	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2182-04-01	156	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2182-05-01	156	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2182-06-01	156	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2182-07-01	156	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2182-08-01	156	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2182-09-01	156	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.600							

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2179-02-01	153	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2179-03-01	153	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2179-04-01	153	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2179-05-01	153	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2179-06-01	153	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2179-07-01	153	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2179-08-01	153	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2179-09-01	153	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2179-10-01	153	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2179-11-01	153	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2179-12-01	153	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2180-01-01	154	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2180-02-01	154	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2180-03-01	154	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2180-04-01	154	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2180-05-01	154	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2180-06-01	154	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2180-07-01	154	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2180-08-01	154	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2180-09-01	154	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2180-10-01	154	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2180-11-01	154	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2180-12-01	154	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2181-01-01	155	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2181-02-01	155	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2181-03-01	155	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2181-04-01	155	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2181-05-01	155	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2181-06-01	155	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2181-07-01	155	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2181-08-01	155	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2181-09-01	155	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2181-10-01	155	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2181-11-01	155	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2181-12-01	155	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2182-01-01	156	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2182-02-01	156	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2182-03-01	156	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2182-04-01	156	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2182-05-01	156	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2182-06-01	156	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2182-07-01	156	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2182-08-01	156	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2182-09-01	156	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2182-10-01	156	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2182-11-01	156	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2182-12-01	156	13.96																				

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2185-11-01	159	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2185-12-01	159	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2186-01-01	160	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2186-02-01	160	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2186-03-01	160	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2186-04-01	160	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2186-05-01	160	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2186-06-01	160	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2186-07-01	160	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2186-08-01	160	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2186-09-01	160	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2186-10-01	160	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2186-11-01	160	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2186-12-01	160	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2187-01-01	161	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2187-02-01	161	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2187-03-01	161	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2187-04-01	161	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2187-05-01	161	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2187-06-01	161	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2187-07-01	161	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2187-08-01	161	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2187-09-01	161	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2187-10-01	161	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2187-11-01	161	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2187-12-01	161	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2188-01-01	162	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2188-02-01	162	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	0.01441	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2188-03-01	162	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2188-04-01	162	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2188-05-01	162	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2188-06-01	162	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2188-07-01	162	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2188-08-01	162	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2188-09-01	162	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2188-10-01	162	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2188-11-01	162	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2188-12-01	162	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2189-01-01	163	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2189-02-01	163	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2189-03-01	163	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2189-04-01	163	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2189-05-01	163	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2189-06-01	163	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901</											

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2185-11-01	159	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2185-12-01	159	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2186-01-01	160	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2186-02-01	160	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2186-03-01	160	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2186-04-01	160	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2186-05-01	160	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2186-06-01	160	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2186-07-01	160	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2186-08-01	160	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2186-09-01	160	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2186-10-01	160	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2186-11-01	160	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2186-12-01	160	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2187-01-01	161	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2187-02-01	161	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2187-03-01	161	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2187-04-01	161	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2187-05-01	161	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2187-06-01	161	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2187-07-01	161	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2187-08-01	161	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2187-09-01	161	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2187-10-01	161	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2187-11-01	161	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2187-12-01	161	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2188-01-01	162	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2188-02-01	162	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2188-03-01	162	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2188-04-01	162	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2188-05-01	162	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2188-06-01	162	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2188-07-01	162	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2188-08-01	162	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2188-09-01	162	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2188-10-01	162	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2188-11-01	162	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2188-12-01	162	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2189-01-01	163	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2189-02-01	163	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2189-03-01	163	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2189-04-01	163	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2189-05-01	163	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2189-06-01	163	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2189-07-01	163	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2189-08-01	163	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4	

Reclaimed TMF Load to Env

Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2192-08-01	166	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2192-09-01	166	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2192-10-01	166	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2192-11-01	166	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2192-12-01	166	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2193-01-01	167	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2193-02-01	167	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2193-03-01	167	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2193-04-01	167	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2193-05-01	167	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2193-06-01	167	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2193-07-01	167	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2193-08-01	167	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2193-09-01	167	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2193-10-01	167	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2193-11-01	167	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2193-12-01	167	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2194-01-01	168	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2194-02-01	168	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2194-03-01	168	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2194-04-01	168	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2194-05-01	168	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2194-06-01	168	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2194-07-01	168	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2194-08-01	168	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2194-09-01	168	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2194-10-01	168	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2194-11-01	168	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2194-12-01	168	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2195-01-01	169	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2195-02-01	169	138.4	12.75	4.29	0.07274	10.28	0.07274	0.09232	0.001185	2.31E-05	0.1697	4.81E-05	0.01502	0.011	0.01492	0.02529	0.0001768	31.14	9.13E-05	0.000922	0.002932	0.008487	1.005
2195-03-01	169	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2195-04-01	169	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2195-05-01	169	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2195-06-01	169	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2195-07-01	169	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2195-08-01	169	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2195-09-01	169	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2195-10-01	169	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2195-11-01	169	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2195-12-01	169	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2196-01-01	170	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2196-02-01	170	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	0.01441	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2196-03-01	170	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.068										

Reclaimed TMF Load to Env

Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2192-08-01	166	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2192-09-01	166	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2192-10-01	166	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2192-11-01	166	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2192-12-01	166	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2193-01-01	167	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2193-02-01	167	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2193-03-01	167	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2193-04-01	167	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2193-05-01	167	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2193-06-01	167	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2193-07-01	167	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2193-08-01	167	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2193-09-01	167	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2193-10-01	167	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2193-11-01	167	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2193-12-01	167	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2194-01-01	168	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2194-02-01	168	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2194-03-01	168	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2194-04-01	168	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2194-05-01	168	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2194-06-01	168	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2194-07-01	168	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2194-08-01	168	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2194-09-01	168	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2194-10-01	168	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2194-11-01	168	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2194-12-01	168	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2195-01-01	169	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2195-02-01	169	5.787	0.06954	74.45	0.1366	0.009081	4.421	8.268	0.005969	0.001722	0.001103	0.001235	4.422	0.1607	0.002481	0.0001195	0.008886	0.01266	0.01082	0.00972	0.02463	0.03872
2195-03-01	169	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2195-04-01	169	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2195-05-01	169	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2195-06-01	169	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2195-07-01	169	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2195-08-01	169	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2195-09-01	169	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2195-10-01	169	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2195-11-01	169	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2195-12-01	169	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2196-01-01	170	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2196-02-01	170	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2196-03-01	170	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2196-04-01	170	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2196-05-01	170	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	

Reclaimed TMF Load to Env																							
Date	Mine Year	Sulphate	Chloride	Bromide	Nitrite	Nitrate	Total Ammonia	Fluoride	Chromium VI	Mercury	Aluminum	Silver	Arsenic	Barium	Beryllium	Boron	Bismuth	Calcium	Cadmium	Cobalt	Chromium III	Copper	Iron
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2199-05-01	173	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2199-06-01	173	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2199-07-01	173	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2199-08-01	173	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2199-09-01	173	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2199-10-01	173	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2199-11-01	173	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	5.33E-04	0.1664	0.1218	0.1653	0.2802	1.96E-03	345.1	1.01E-03	0.01022	0.03249	0.09405	11.13
2199-12-01	173	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	1.16E-04	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	2.20E-04	0.002224	0.007074	0.02048	2.424
2200-01-01	174	76.09	7.011	2.359	0.03999	5.65	0.03999	0.05076	0.0006517	1.27E-05	0.09328	2.65E-05	0.008256	0.006045	0.008203	0.0139	9.72E-05	17.12	5.02E-05	0.0005069	0.001612	0.004666	0.5524
2200-02-01	174	133.6	12.31	4.142	0.07023	9.922	0.07023	0.08913	0.001144	2.23E-05	0.1638	4.65E-05	0.0145	0.01062	0.01441	0.02441	0.0001707	30.07	8.81E-05	0.0008902	0.002831	0.008195	0.9701
2200-03-01	174	631.5	58.18	19.57	0.3319	46.89	0.3319	0.4212	0.005408	0.0001052	0.7741	0.0002195	0.06852	0.05017	0.06808	0.1154	0.0008067	142.1	0.0004164	0.004207	0.01338	0.03873	4.584
2200-04-01	174	3694	340.3	114.5	1.941	274.2	1.941	2.464	0.03163	0.0006155	4.528	0.001284	0.4008	0.2934	0.3982	0.6748	0.004718	831.2	0.002435	0.02461	0.07825	0.2265	26.81
2200-05-01	174	6461	595.3	200.3	3.395	479.7	3.395	4.31	0.05533	0.001077	7.92	0.002246	0.701	0.5133	0.6965	1.18	0.008253	1454	0.00426	0.04304	0.1369	0.3962	46.9
2200-06-01	174	5469	503.9	169.5	2.874	406.1	2.874	3.648	0.04684	0.0009114	6.704	0.001901	0.5934	0.4345	0.5896	0.9992	0.006987	1231	0.003606	0.03643	0.1159	0.3354	39.7
2200-07-01	174	4387	404.2	136	2.305	325.7	2.305	2.926	0.03757	0.000731	5.378	0.001525	0.476	0.3485	0.4729	0.8014	0.005604	987.1	0.002892	0.02922	0.09293	0.269	31.85
2200-08-01	174	2774	255.6	85.98	1.458	206	1.458	1.85	0.02376	0.0004623	3.4	0.0009643	0.301	0.2204	0.299	0.5068	0.003544	624.2	0.001829	0.01848	0.05877	0.1701	20.14
2200-09-01	174	3288	302.9	101.9	1.728	244.1	1.728	2.193	0.02816	0.0005479	4.031	0.001143	0.3568	0.2612	0.3545	0.6007	0.0042	739.9	0.002168	0.0219	0.06966	0.2016	23.87
2200-10-01	174	2606	240.1	80.77	1.369	193.5	1.369	1.738	0.02232	4.34E-04	3.194	0.0009058	0.2827	0.207	0.2809	0.4761	0.003329	586.4	0.001718	0.01736	0.0552	0.1598	18.92
2200-11-01	174	1534	141.3	47.53	0.806	113.9	0.806	1.023	0.01313	2.56E-04	1.88	0.0005331	0.1664	0.1218	0.1653	0.2802	0.001959	345.1	0.001011	0.01022	0.03249	0.09405	11.13
2200-12-01	174	333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	0.0001161	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	0.0002202	0.002224	0.007074	0.02048	2.424
2200-12-31		333.9	30.77	10.35	0.1755	24.79	0.1755	0.2227	0.00286	5.57E-05	0.4093	0.0001161	0.03623	0.02653	0.036	0.06101	0.0004266	75.14	0.0002202	0.002224	0.007074	0.02048	2.424

Reclaimed TMF Load to Env																						
Date	Mine Year	Potassium	Lithium	Magnesium	Manganese	Molybdenum	Silicon	Sodium	Nickel	Lead	Antimony	Selenium	Tin	Strontium	Titanium	Thallium	Uranium	Vanadium	Tungsten	Yttrium	Zinc	Phosphorous
		kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d	kg/d
2199-05-01	173	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2199-06-01	173	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2199-07-01	173	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2199-08-01	173	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2199-09-01	173	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2199-10-01	173	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2199-11-01	173	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	1.32E-03	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2199-12-01	173	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2200-01-01	174	3.181	0.03823	40.93	0.07509	0.004993	2.431	4.546	0.003282	0.0009469	0.0006063	0.0006792	2.431	0.08836	0.001364	6.57E-05	0.004886	0.006959	0.00595	0.005344	0.01354	0.02129
2200-02-01	174	5.587	0.06715	71.89	0.1319	0.008768	4.268	7.983	0.005763	0.001663	0.001065	0.001193	4.27	0.1552	0.002395	0.0001154	0.00858	0.01222	0.01045	0.009385	0.02378	0.03739
2200-03-01	174	26.4	0.3173	339.7	0.6232	0.04144	20.17	37.73	0.02723	0.007858	0.005032	0.005637	20.18	0.7333	0.01132	0.0005453	0.04055	0.05775	0.04938	0.04435	0.1124	0.1767
2200-04-01	174	154.4	1.856	1987	3.645	0.2423	118	220.7	0.1593	0.04596	0.02943	0.03297	118	4.289	0.0662	0.003189	0.2372	0.3378	0.2888	0.2594	0.6573	1.033
2200-05-01	174	270.1	3.246	3476	6.376	0.4239	206.4	386	0.2786	0.0804	0.05148	0.05767	206.4	7.502	0.1158	0.005579	0.4148	0.5908	0.5052	0.4538	1.15	1.808
2200-06-01	174	228.7	2.748	2942	5.397	0.3589	174.7	326.7	0.2359	0.06806	0.04358	0.04882	174.8	6.351	0.09803	0.004722	0.3512	0.5001	0.4277	0.3841	0.9733	1.53
2200-07-01	174	183.4	2.204	2360	4.329	0.2878	140.1	262.1	0.1892	0.05459	0.03496	0.03916	140.2	5.094	0.07863	0.003788	0.2817	0.4012	0.343	0.3081	0.7807	1.227
2200-08-01	174	116	1.394	1492	2.738	0.182	88.61	165.7	0.1196	0.03452	0.0221	0.02476	88.64	3.221	0.04972	0.002395	0.1781	0.2537	0.2169	0.1948	0.4937	0.7761
2200-09-01	174	137.5	1.652	1769	3.245	0.2157	105	196.4	0.1418	0.04092	0.0262	0.02935	105.1	3.818	0.05893	0.002839	0.2111	0.3007	0.2571	0.2309	0.5851	0.9199
2200-10-01	174	109	1.309	1402	2.572	0.171	83.24	155.7	0.1124	0.03243	0.02076	0.02326	83.26	3.026	0.04671	0.00225	0.1673	0.2383	0.2038	0.183	0.4637	0.7291
2200-11-01	174	64.12	0.7706	825	1.513	0.1006	48.99	91.62	0.06614	0.01908	0.01222	0.01369	49	1.781	0.02749	0.001324	0.09847	0.1402	0.1199	0.1077	0.2729	0.4291
2200-12-01	174	13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343
2200-12-31		13.96	0.1678	179.6	0.3295	0.02191	10.67	19.95	0.0144	0.004155	0.002661	0.002981	10.67	0.3877	0.005985	0.0002883	0.02144	0.03054	0.02611	0.02345	0.05943	0.09343