2023-24 Annual Report

Waste Discharge License 177-10







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Authorisation

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Certification

I, Michelle Li (Director), have reviewed this report and I confirm that to the best of my knowledge and ability all the information provided in the report is true and accurate.



Michelle Li

21/5/2024

Date

EXECUTIVE SUMMARY

As part of the Waste Discharge Licence (WDL177-10), NTR is required to complete and provide to the Northern Territory Environmental Protection Agency (NT EPA) a Waste Discharge Licence Annual Monitoring Report. This report documents the Project site's environmental monitoring of the surface waters from 1 May 2023 to 30 April 2024 as per Condition 39 of WDL 177-10.

The Annual Monitoring Report has also been produced in adherence to the requirements set out in Northern Territory Environment Protection Authority Guideline for Reporting on Environmental Monitoring May 2016.

The Project is located 7 km northwest of Batchelor, approximately 105 km by road (Stuart Highway, Batchelor Road and Rum Jungle Road) south of Darwin in the Northern Territory. It is located to the north-east of Litchfield National Park and within the upper catchment of the Finniss River. To the immediate east, and upstream, of the site is the former Rum Jungle Mine, which contains former mine workings including flooded open pits and waste rock dumps/stockpiles.

The treatment process currently involves pumping the poor quality and/or contaminated surface and storm water into a CCD, a thickener tank within the plant, where it is treated with a lime solution and a flocculent/coagulant. The lime raises the pH of the water which causes the metals to precipitate thereby decreasing bioavailable metal concentrations markedly. Flocculent/coagulants turn the precipitated metals into a sludge which is then thickened and pumped to the TSF. The treated water overflows from the thickener and is directed via the site drainage network to the Main Sediment Dam.

The current surface water management strategy aims at preventing the likelihood of poor quality water entering the Open Pit and Main Sediment Dam. Areas that generate poor quality water are currently isolated with bunds and pumps to facilitate treatment of the water prior to release to the Pre-Settlement Ponds. These ponds capture treated and clean site runoff waters and were constructed in 2011 to decrease flow velocity and increase time for particulates to settle out of the water column before overflowing into the Main Sediment Dam.

Water discharged from the Licensed Discharge Point at Site 5 was generally compliant with the trigger levels specified in the WDL177-10. It was routinely noted during the months where discharge occurred that water quality in the East Finniss River measured at Site GS200 (not in WDL 177-10, ref Figure 2), Site 1 and Site 4 was of substantially poorer quality compared to water discharged from Site 5. In several instances, water flowing from upstream (Site 4) adversely affected water quality measured at the compliance point, Site 5, and contributed to reported non-compliance of the water quality limit conditions specified in this WDL. There are no discernible trends evident from the monitoring data since 2021 apart from seasonal effects.

Table of Contents

EXECUTIVE SUMMARY 0

1. Introduction 3

2. Monitoring objective 4

3. Monitoring method 4

3.1 Water Management Strategy and Receiving Environment 6

3.2 Surface Water Monitoring Program 7

3.3 Surface Water Sampling Procedure 10

Field measurements 10

Laboratory measurements 10

3.4 Surface Water Trigger Values 11

3.5 Quality control 11

Laboratory quality control 11

Field quality control 11

4. Results 12

Site 1 13

Site 2 14

Site 4 16

Site 5 17

Treat01 22

5. Pollutant loads 24

6. Quality Assurance 24

7. Discussion 24

8. Conclusions 26

9. References 26

Appendix A – field parameters for 1 May 2023 – 30 April 2024 27

Appendix B – laboratory results for 1 May 2023 – 30 April 2024 28

Appendix C- graphs of field and laboratory data by monitoring site 29

Appendix D – graphs of trend data for 2021 - 2024 30

Appendix E– QAQC calculations and results for 1 May 2023 – 30 April 2024 31

Appendix F – Chain of Custody documentation for 1 May 2023 – 30 April 2024 32

Appendix G – 2023/24 Monthly Discharge Reports 33

Appendix H – 2023/24 Investigation Reports 34

Tables

Table 1 WDL117-10 sampling schedule and trigger values 9
Table 2 Water treatment, rainfall and discharge for 2023-24 12
Table 3 Site 1 water quality parameters basic statistics for 2023 to 2024 13
Table 4 Site 1 inorganics results basic statistics for 2023 to 2024 14
Table 5 Site 1 filtered metals results basic statistics for 2023 to 2024 14
Table 6 Site 2 water quality parameters basic statistics for 2023 to 2024 15
Table 7 Site 2 inorganics results basic statistics for 2023 to 2024 15
Table 8 Site 2 filtered metals results basic statistics for 2023 to 2024 15
Table 9 Site 4 water quality parameters basic statistics for 2023 to 2024 16
Table 10 Site 4 inorganics results basic statistics for 2023 to 2024 17
Table 11 Site 4 filtered metals results basic statistics for 2023 to 2024 17
Table 12 Site 5 water quality parameters basic statistics for 2023 to 2024 18
Table 13 Site 5 inorganics results basic statistics for 2023 to 2024 19
Table 14 Site 5 filtered metals results basic statistics for 2023 to 2024 20
Table 15 Exceedances of Site 5 trigger values for 2023 to 2024 21
Table 16 Site Treat01 water quality parameters basic statistics for 2023 to 2024 22
Table 17 Site Treat01 inorganics results basic statistics for 2023 to 2024 23
Table 18 Site Treat01 filtered metals results basic statistics for 2023 to 2024 23
Table 19 Load of discharged filterable copper for 2023 to 2024 24

Figures

Figure 1: Location of project area 3
Figure 2 Site layout and surface water sampling sites (DAMOUT1 is the controlled discharge outlet from the Main Sediment Dam) 5
Figure 3 Site rainfall and river height @ GS200 18
Figure 4 pH and EC from Site 5 19
Figure 5 Comparison of filtered Cu from Site 5, Site 1 and GS200 25

1. INTRODUCTION

As part of the Waste Discharge Licence (WDL177-10), NTR is required to complete and provide to the Northern Territory Environmental Protection Agency (NT EPA) a Waste Discharge Licence Annual Monitoring Report. This report documents the Project site's environmental monitoring of the surface waters from 1 May 2023 to 30 April 2024.

The Report has also been produced in adherence to the requirements set out in Northern Territory Environment Protection Authority Guideline for Reporting on Environmental Monitoring May 2016.

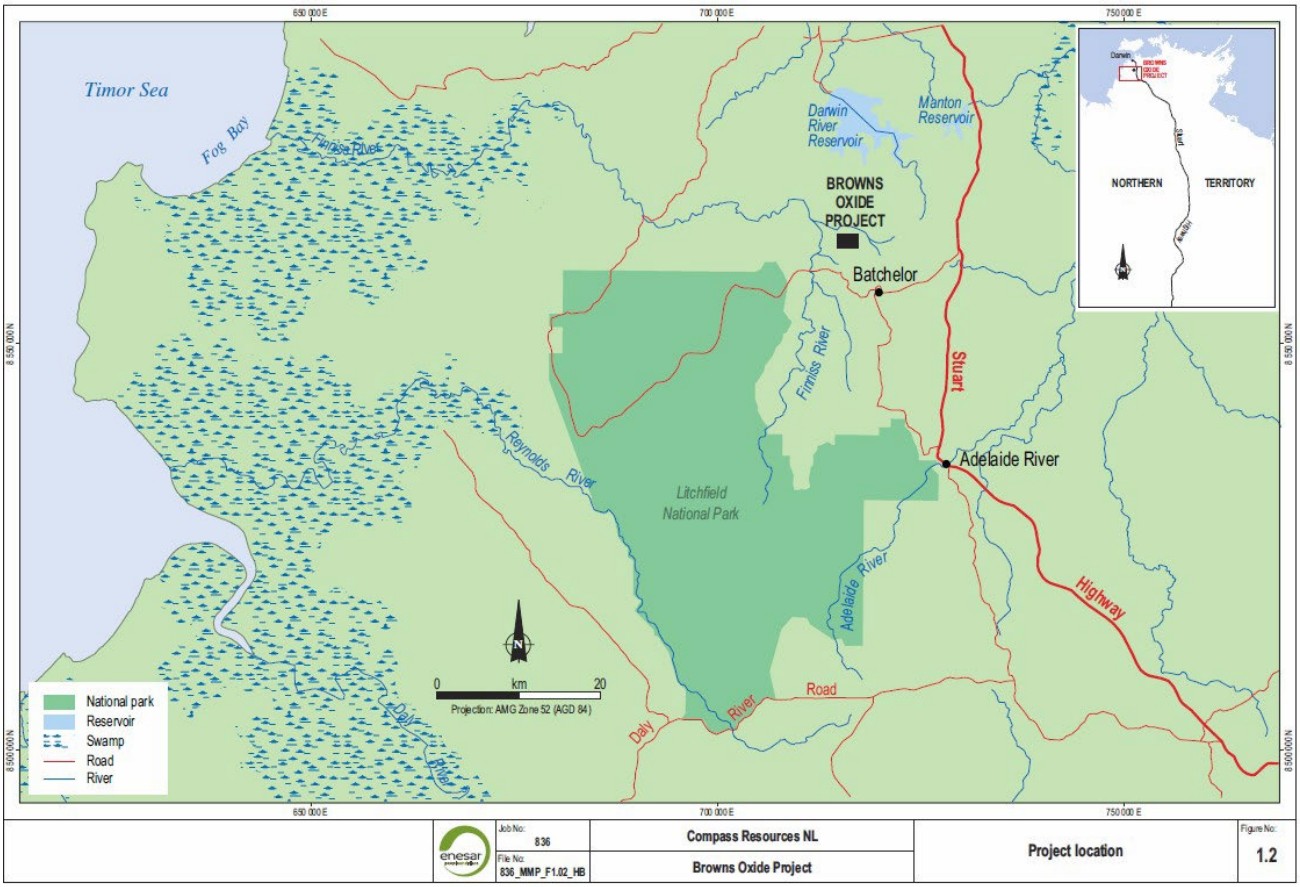


Figure 1: Location of project area

2. MONITORING OBJECTIVE

The objective of the water quality monitoring undertaken is to ensure compliance with Waste Discharge License (WDL) 177-10 that was granted on 25 November 2022. Prior to that date, NTR operated in accordance with WDL177-09.

Specific monitoring requirements within WDL177-10 are specified on Condition 27 and Appendix 2.

3. MONITORING METHOD

A map of the Brown's Site showing WDL177-10 water quality monitoring locations is shown in Figure 2 as well as Appendix 1 of the WDL177-10.



Figure 2 Site layout and surface water sampling sites (DAMOUT1 is the controlled discharge outlet from the Main Sediment Dam)

3.1 Water Management Strategy and Receiving Environment

The site entered a care and maintenance phase in January 2009 following operational activities from July 2007. Water management infrastructure was generally built during and immediately following the site entering care and maintenance. Water at the site is managed using the following mechanisms:

Storm water drainage systems comprising drains and diversion and containment bunds with sumps, pipes and pumps to facilitate pumping contaminated storm water for treatment and discharge to the Main Sediment Dam.

The Browns Project site has a small network of open and underground drains, bunded containment areas and concrete sumps to collect contact water. This contact water is pumped from the containment areas to the water treatment circuit (or 'WTP') within the plant facility. Contact water is captured and pumped to the feed pump box in the WTP. The pipe configuration allows for the feed water input lines to be operated individually or at the same time depending on site requirements. The pit water only slightly exceeds the WDL trigger values and is used as the main feed source to the WTP and is used to blend the stockpile contact water.

Feed water enters the treatment system via Tank #1 and then flows by gravity through Tank #3, Tank #5 and then Tank #7. These three tanks have agitators in place to facilitate the circulation of the lime through the water column. Flocculant is introduced into Tank #7 via a distribution pipeline at a constant flow rate. The flocculant aggregates the precipitated metal particles while gently agitating the water to keep the particles in suspension. This water is then gravity fed into CCD1 and LTT Tanks concurrently. These tanks provide no agitation. This enables the metal precipitate to settle to the bottom of the tanks where it collects as a metal precipitate slurry.

Treated water flows over the launders at the top of the tanks where it collects in each of the respective overflow tanks. From these overflow tanks the water is then pumped to the CCD2 Tank. This tank represents the 'clean' (treated) water which is then piped via the underflow pump to the Pre-Settlement Ponds within the Sediment Dam facility. There is a water quality sampling point (TREAT1) under CCD2 Tank. This sampling point is a WDL 177-10 monitoring site.

Water released from the Pre-Settlement Ponds meanders through a series of vegetated ponds connected via vegetated channels that facilitate the natural filtration of the water. Water from the Sediment Dam is discharged by a valve-controlled pipeline to a naturally-vegetated wetland area that also receives unimpacted flows from Middlebrook Creek. The compliance point (SITE5) for WDL177-10 is about 200 m downstream of the wetland near the fence line that separates the Browns Site from the former Rum Jungle mine site.

The current surface water management strategy aims at preventing the likelihood of poor quality water entering the Open Pit and Main Sediment Dam. Areas that generate poor quality water are currently isolated with bunds and pumps to facilitate treatment of the water prior to release to the Pre- Settlement Ponds. These ponds capture treated and clean site runoff waters and were constructed in 2011 to decrease flow velocity and increase time for particulates to settle out of the water column before overflowing into the Main Sediment Dam.

The open pit is located in the northeast corner of the project area and was bunded in 2010 to prevent contaminated water from the stockpiles from entering the Mine Pit. The eastern wall was also heightened in 2011 following the flooding of the pit by overflow from the East Finniss River during Cyclone Carlos.

Historically, the water level in the open pit was held at a level between 55 and 60 m AHD. Assessments in 2011 indicated that the water level in the oxide open pit should be maintained at a level not higher than 55.8 m AHD (at a level slightly below the bed of the East Finniss River) to inhibit seepage from the pit. Water is currently actively managed via pumping to the CCDs for treatment before being discharged to the Main Sediment Dam.

The water quality entering and leaving the Main Sediment Dam is currently monitored regularly in accordance with the schedule specified in WDL177-10. Water quality in the Main Sediment Dam must be of sufficient quality so that water at WDL Site 5 can meet the trigger values listed in WDL 177-10 (see Table 1). Management actions are to be evaluated if the water quality at WDL Site 5 exceed the trigger values listed.

The Main Sediment Dam has a siphon installed which is utilised to discharge water from storage when the flows within the East Finniss River are above 1.5 m at GS8501200.

3.2 Surface Water Monitoring Program

Current monitoring locations are in accordance with the current Waste Discharge Licence 177-10. Sample frequency and water quality monitoring parameters at the WDL locations (WDL Sites 1, 2, 4, 5 and Treat01) are stipulated as part of the WDL.

Figure 2 illustrates the locations, which were stipulated in Appendix 1 of Waste Discharge Licence (WDL177-10), for surface water sample collection points. There are five surface water collection locations.

- Site 1 is upstream of the discharge point from the Browns Project Site on the East Finniss River and the location was stipulated by Waste Discharge Licence (WDL177-10) conditions. This point represents the receiving water body and allows the comparison of water quality of the treated storm water to the receiving water quality. This site is not influenced by the activities of the Browns Project.
- Site 2 is in the sediment dam (see Damout1 on Figure 2). This dam captures treated storm water and is discharged to the East Finniss River as per Waste Discharge Licence (WDL177-10) conditions.
- Site 4 is Middlebrook Creek which is upstream of discharge point and originates offsite. This creek runs on to site.
- Site 5 is the authorised discharge point in the Waste Discharge Licence (WDL177-10) and is the location Site 4 (Middlebrook Creek) exits the site after mixing with project discharge water and flows into the East Finniss River.
- Treat01 is the point located in the Water Treatment Plant immediately after the water comes out of the Plant. This water is pumped from the Water Treatment Plant to Site 2.

In addition, GS200 is monitored downstream of Site 5 to facilitate hardness corrections for determination of Site 5 compliance for filtered metals (where appropriate).

The receiving environment of the discharge water is downstream of a contaminated legacy mine site, the former Rum Jungle mine. This site was a copper and uranium mine with several open pits and also contained a number of other associated metals. The mine was operational during the 1950's and 1960's and was closed with minimal rehabilitation leading to major environmental problems that exist today.

There are a total of five surface water monitoring locations which will be utilised across the Project area for the current licence. Sampling locations will only be sampled when they are flowing. The locations and sampling frequencies and, water quality monitoring parameters are detailed in Table 1 and their locations are displayed Figure 2.

Table 1 WDL117-10 sampling schedule and trigger values

Site Code				**Site 1**	**Site 2**	**Site 4**	**Site 5**	**Treat01**	
Parameter	Abbr.	Unit	Analysis	Monitoring Frequency					Trigger Values1
Field Measurements									
Water Level		m	In Situ	W	W	W	D	W	N/A
pH	pH	pH							6.5-8.5
Electrical Conductivity	C	µS/cm							700[2]
Dissolved Oxygen	DO	% sat.							N/A
Turbidity	NTU	NTU							10
Temperature	T	C							N/A
Dissolved Metals									
Aluminium	Al	µg/L	Filtered (0.45 um)	W	W	W	W	W	80
Cadmium	Cd								0.4
Chromium	Cr								6[4]
Cu	Co								13
Copper	Cu								2.5
Iron	Fe								ND
Lead	Pb								6.6
Manganese	Mn								2500
Nickel	Ni								13[4]
Uranium	U								ND
Zinc	Zn								15[4]
Major Chemistry									
Total Suspended Solids	TSS	mg/L	Filtered (0.45 um)	W	W	W	W	W	6
Carbonate	CO3								ND
Hardness	CaCO3								ND
Bicarbonate	HCO3								ND
Calcium	Ca								ND
Magnesium	Mg								ND
Potassium	K								ND
Sodium	Na								ND
Chloride	Cl								ND
Sulfate	SO4								ND

KEY:
C = Continuous
D = Daily during discharge and at least once per discharge event.
P = Prior to discharge
W =Weekly during the discharge period, starting within 24 hours of start of discharge and continuing until 14 days after the last discharge event of the season.

[1] Trigger Values are default ANZG (2018) values at 90% species protection level (unless otherwise specified) and are to be applied to dissolved metal concentrations a the Compliance Point (Site 5) only.
[2] Trigger Value for EC is the average concentration of EC at SITE 1, derived using data from the 2016/17 and 2017/18 Wet seasons.
[3] Trigger Value for copper (Cu) is based on the default ANZG (2018) value at 80% species protection level, taking into account background levels of Cu at Site 4.
[4] Concentrations may be modified to account for hardness, on a 'per sample' basis at the frequency specified at Site 5, as measured at GS8150200 and in accordance with the ANZECC 2000 Guidelines.
[5] Trigger values for Turbidity and Total Suspended Solids are based on 80th percentile of data from Site 4 from the 2020/21 and 2021/22 wet seasons. If trigger values are exceeded upstream of the compliance point (Site4) on the date of sampling, exceedances at Site 5 do not count towards notifiable incidents specified at Item 10.

N/A – Not Applicable.

A flow meter installed at DAMOUT1 measures the volume of water discharged via Site 5. The total volume of water discharged during 2023/24 was 1,168ML.

3.3 Surface Water Sampling Procedure

Field measurements

Surface water monitoring is to be undertaken in accordance with the following:

- Complete surface water quality sheet for location.
- Measure water quality parameters using calibrated probes

Record field water quality parameters by either suspending the water quality meter within the water body or collecting a sample and placing into a bucket for measurements to be taken.

Laboratory measurements

Surface water monitoring is to be undertaken in accordance with the following:

1. Complete surface water quality sheet for location.
2. Collect sample using appropriate lab supplied bottles
3. Grab Sample

Rinse long arm sampler container in the water body to be sampled three times. Place long arm sampler directly into water body, open end vertically down and fill with an arc motion with the bottle mouth facing upstream. Take care to avoid collecting surface films. For waters less than half a metre in depth, collect a grab sample at half the water depth. For waters greater than half a metre in depth, a grab sample should be taken at 20 to 30 cm below the surface water.

A total metals sample (not filtered) and a dissolved metal sample should be collected. The dissolved metal sample required field filtration through a disposable 0.45 µm filter.

4. Waste Disposal

Excess surface water is to be returned to ground and all disposable sampling equipment used should be stored for disposal at the site office including filters.

5. Electronic Transfer

All water quality results, duplicate locations and Chain of Custody (CoC) are to be scanned and kept on file. All data, both field and laboratory, is to be entered into ESdat for storage and retrieval.

3.4 Surface Water Trigger Values

The assessment guideline values adopted from the Project are adopted from default ANZG (2018) freshwater trigger values for 90% aquatic ecosystem protection. The trigger values are to be applied at WDL Site 5 as per the WDL 177-10. Trigger Values may be modified to account for hardness, on a per sample basis, as measured at GS8150200 and in accordance with the ANZECC 2000 Guidelines.

3.5 Quality control

Laboratory quality control

Samples are analysed at a NATA accredited laboratory - Eurofins. The laboratory quality assurance processes include reagent blanks, matrix spikes, internal standards and surrogate spikes.

Field quality control

The QC program is to be undertaken in accordance with the general relevant requirements set out in the Australian Standard AS4482.1 (2005). QC samples provide information that discounts or potentially identifies any errors due to possible sources of cross contamination, inconsistencies in sampling and analytical techniques used. The QC program to be completed includes a split duplicate.

Field quality control procedures will include the collection and analysis of the following:

- Blind field duplicates (BFDs): Comprise a single sample that is divided into two separate sampling containers. Both samples are sent anonymously to the primary Project laboratory. Blind duplicates provide an indication of the analytical precision of the laboratory, but are inherently influenced by other factors such as sampling techniques and sample media heterogeneity.

4. RESULTS

All water quality monitoring results are provided in:

- Appendix A – field parameters for 1 May 2023 to 30 April 2024
- Appendix B – laboratory results for 1 May 2023 to 30 April 2024
- Appendix C- graphs of field and laboratory data by monitoring site for 1 May 2023 to 30 April 2024
- Appendix D – graphs of data for 1 May 2021 to 30 April 2024
- Attached excel files

Table 2 shows the volume of rainfall, water treatment on site, discharge from DAMOUT1 (Site 2) and water used for dust suppression during 2023-24

Table 2 Water treatment, rainfall and discharge for 2023-24

2023/24	Rainfall (mm)	Water Treated (m3)	Total Water Discharged (m3)	Dust suppression (m3)
May-23	0	53,559	0	745.2
Jun-23	0	33,174	0	601.89
Jul-23	0	3,012	0	580.44
Aug-23	0	38,643	0	597.88
Sep-23	0	17,582	0	888.46
Oct-23	22.2	24,767	0	632.2
Nov-23	169.1	7,160	0	604.54
Dec-23	280.7	7,990	0	753.22
Jan-24	984.7	120,628	500,648	226.1
Feb-24	347.7	170,317	294,131	0
Mar-24	335.7	167,746	286,371	0
Apr-24	54	132,449	87,376	502
Total	**2194.1**	**777,027**	**1,168,526**	**6,132**

Site 1

Appendix A show Site 1 water quality parameters pH, conductivity, temperature, dissolved oxygen, redox potential and turbidity. The data Table 3 below illustrates the minimum, maximum, average and standard deviation of the data from 1 May 2023 to 30 April 2024. As with the previous site there is a small dilution effect from the wet season.

The site is downstream of where the Rum Jungle contamination enters the East branch of the Finniss River. Appendix C graphs the data and shows that average pH is low for a natural site and conductivity is high. Average Turbidity is also high. This site is slightly downstream of the confluence of where contaminated AMD waters flow into the river from Rum Jungle.

Table 3 Site 1 water quality parameters basic statistics for 2023 to 2024

Site 1	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
	oC	mg/L	mV	%	µS/cm	-	NTU
Min	17.7	3.0	135.0	38.5	59.5	4.5	2.7
Max	31.1	6.0	1798.0	507.0	1752.0	7.4	90.8
Average	26.5	4.0	285.6	65.0	426.1	6.7	14.8
StDev	3.0	0.6	354.2	88.4	472.3	0.6	18.1

Table 4 and Table 5 (from Appendix B) show the min, max, average and standard deviation of the inorganic data and the metal data for Site 1 respectively. Both data sets show elevated readings for SO_4 and $CaCO_3$ for the organics, and elevated results for Pb, Al, Cd, Ca, Co, Fe, Mn, Mg, Ni, K and Zn. These elevated results would be a result of the Acid Mine Drainage (AMD) that is present at the Rum Jungle site and the mobilisation of these metals through the AMD. These results are at their highest during first flush events which is associated with the early wet season.

Table 4 Site 1 inorganics results basic statistics for 2023 to 2024

Site 1	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)
Minimum	1.4	1.7	8.9	19.0	6.1
Maximum	17.0	4.5	860.0	880.0	60.0
Average	3.4	3.1	124.9	139.7	19.5
StDev	3.4	0.8	188.9	185.3	15.4

Table 5 Site 1 filtered metals results basic statistics for 2023 to 2024

Site 1	Aluminium (filtered)	Cadmium (filtered)	Calcium	Chromium (III+VI) (filtered)	Cobalt (filtered)	Copper (filtered)	Iron (filtered)	Lead (filtered)	Magnesium	Manganese (filtered)	Nickel (filtered)	Potassium	Uranium (filtered)	Zinc (filtered)
Min	0.1	0.0	1.4	0.0	0.0	0.0	0.1	0.0	3.8	0.0	0.0	0.6	5.0	0.0
Max	0.2	0.0	70.0	0.0	1.1	0.7	4.9	0.0	170.0	4.0	1.5	2.5	13.0	3.5
Avg	0.1	0.0	10.9	0.0	0.1	0.1	0.9	0.0	26.9	0.4	0.1	1.1	8.8	0.3
Std	0.0	0.0	14.8	0.0	0.2	0.2	2.0	0.0	36.0	0.9	0.3	0.5	3.9	0.7

Site 2

Appendix A show Site 2 water quality parameters pH, conductivity, temperature, dissolved oxygen, redox potential and turbidity. The data in Table 6 below illustrates theminimum, maximum, average and standard deviation of the data from 1 May 2023 to 30 April 2024. Appendix C graphs the data and shows that average pH is within a normal range and conductivity is also within a normal range. Average Turbidity is within normal ranges. This site is the receiver of treated water from the Browns Water Treatment Plant and the water quality is reasonable prior to its discharge from Site 5.

Table 6 Site 2 water quality parameters basic statistics for 2023 to 2024

Site 2	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
	oC	mg/L	mV	%	µS/cm	-	NTU
Min	20.4	2.7	47.8	35.2	4.3	6.9	1.0
Max	34.5	65.0	264.0	75.8	594.0	8.1	19.8
Average	28.1	4.7	166.0	45.1	434.4	7.6	5.2
StDev	3.2	8.5	42.9	6.4	114.7	0.3	3.9

Table 7 and Table 8 (from Appendix B) show the min, max, average and standard deviation of the inorganic data and the metal data for Site 2 respectively. Both data sets show results that are within acceptable limits for all the parameters that are analysed. Most metal data are low, indicating that the main sediment dam is not storing potentially polluted water that could, in a major wet weather overflow, be discharged from the site.

Table 7 Site 2 inorganics results basic statistics for 2023 to 2024

Site 2	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)
	mg/L	mg/L	mg/L	mg/L	mg/L
Min	2.0	2.6	80.0	100.0	<5
Max	35.0	9.7	1200.0	370.0	12.0
Avg	5.0	6.5	186.8	224.0	<5
Stdev	4.7	1.9	158.0	64.0	0.0

Table 8 Site 2 filtered metals results basic statistics for 2023 to 2024

Site 2	Aluminium (filtered)	Cadmium (filtered)	Calcium	Chromium (III+VI) (filtered)	Cobalt (filtered)	Copper (filtered)	Iron (filtered)	Lead (filtered)	Magnesium	Manganese (filtered)	Nickel (filtered)	Potassium	Uranium (filtered)	Zinc (filtered)
	mg/L													
Min	0.000	0.000	14.000	0.001	0.001	0.004	0.000	0.001	16.000	0.006	0.002	0.550	0.000	0.005
Max	0.000	0.000	30.000	0.001	0.004	0.011	0.000	0.002	73.000	0.200	0.012	1.500	0.000	0.016
Avg	0.000	0.000	21.667	0.001	0.002	0.007	0.000	0.000	41.229	0.051	0.005	0.945	0.000	0.008
Stdev	0.000	0.000	4.521	0.000	0.001	0.002	0.000	0.000	13.254	0.054	0.002	0.225	0.000	0.004

Site 4

Appendix A show Site 4 water quality parameters pH, conductivity, temperature, dissolved oxygen, redox potential and turbidity. The data shown in Table 9 below illustrates the minimum, maximum, average and standard deviation of the data from 1 May 2023 to 30 April 2024. Appendix A shows that average pH is generally low during the wet season and conductivity is also within a normal range. Average Turbidity is within normal ranges, noting that in high rainfall events elevated turbidity is measured. This site is a natural ephemeral creek that enters the mine site from the East and exits feeding the wet land area and into the East branch of the Finniss River downstream of the Rum Jungle affected Site 1 and GS200. Water from Site 4 flow through the WDL compliance point, Site 5. It is unaffected by Browns Project during its transit through the site. The site is generally dry in the dry season and no sampling occurs in that period.

Table 9 Site 4 water quality parameters basic statistics for 2023 to 2024

Site 4	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
	oC	mg/L	mV	%	µS/cm	-	NTU
Min	17.5	1.8	-3.0	23.0	11.5	5.2	-0.4
Max	176.7	5.5	257.0	69.4	234.2	8.5	108.3
Average	28.1	3.2	152.4	39.4	29.6	5.9	7.9
StDev	13.9	0.6	49.1	8.0	24.6	0.5	14.3

Table 10 and Table 11 (from Appendix B) show the min, max, average and standard deviation of the inorganic data and the metal data for Site 4 respectively. Most metal data are in the normal range, with some elevated readings due to natural first flush cycles and ongoing acid mine drainage from Rum Jungle.

Table 10 Site 4 inorganics results basic statistics for 2023 to 2024

Site 4	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)
	mg/L	mg/L	mg/L	mg/L	mg/L
Min	1.3	1.5	7.0	5.3	6.3
Max	5.4	3.6	7.0	11.0	20.0
Avg	2.4	2.4	7.0	7.6	11.0
Stdev	0.9	0.6	0.0	3.0	5.0

Table 11 Site 4 filtered metals results basic statistics for 2023 to 2024

Site 4	Aluminium (filtered)	Cadmium (filtered)	Calcium	Chromium (III+VI) (filtered)	Cobalt (filtered)	Copper (filtered)	Iron (filtered)	Lead (filtered)	Magnesium	Manganese (filtered)	Nickel (filtered)	Potassium	Uranium (filtered)	Zinc (filtered)
	mg/L													
Min	0.056	0.000	0.800	0.000	0.002	0.001	0.060	0.001	0.500	0.005	0.000	0.600	0.000	0.005
Max	0.140	0.000	0.800	0.000	0.002	0.004	0.330	0.001	2.300	0.120	0.000	2.100	0.000	0.014
Avg	0.086	0.000	0.800	0.000	0.000	0.002	0.119	0.000	0.815	0.020	0.000	0.947	0.000	0.010
Stdev	0.030	0.000	0.000	0.000	0.000	0.001	0.075	0.000	0.384	0.030	0.000	0.312	0.000	0.000

Site 5

Discharge at Site 5 is only permitted when the level of the East Finnis River at GS200 exceeds 1.5 m. Discharge commenced on 12 January 2024 and continued until 15 April 2024, with a short additional discharge between 18-20 April 2024. During the discharge period, the level in the River exceeded 1.5 m as shown in Figure 3.

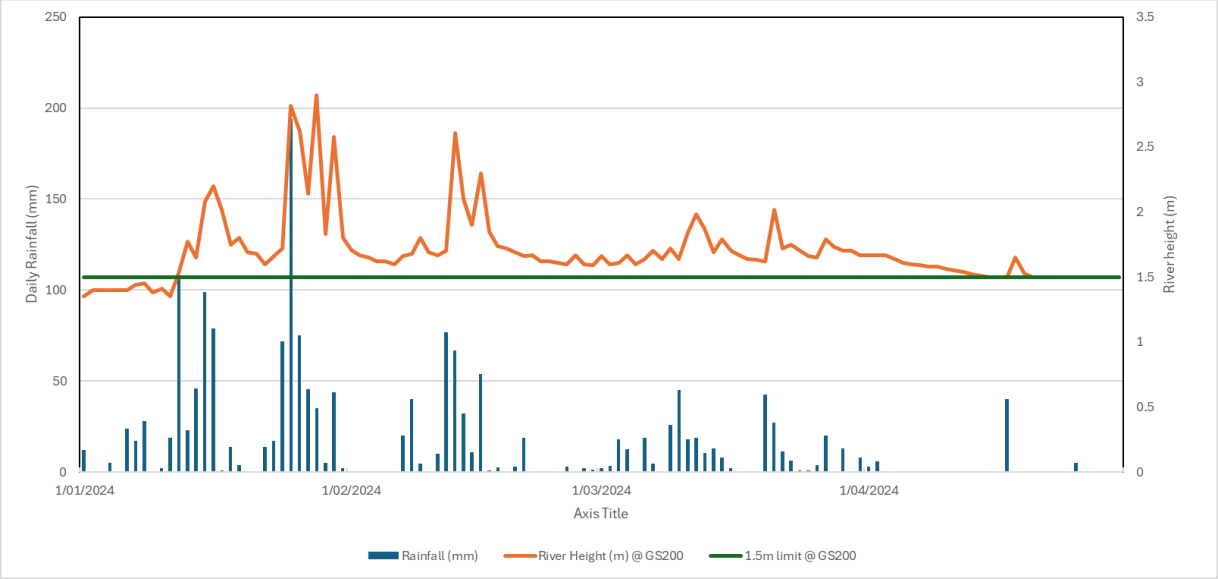


Figure 3 Site rainfall and river height @ GS200

Appendix A show Site 5 water quality parameters pH, conductivity, temperature, dissolved oxygen, redox potential and turbidity. The data Table 12 below illustrates the minimum, maximum, average and standard deviation of the data from 1 May 2023 to 30 April 2024. Appendix A shows that average pH is within a normal range (although sometime influenced by low pH water flowing from Site 4 upstream) and conductivity is also within a normal range. Average Turbidity is within normal ranges, although high turbidity can be experienced during high rainfall events and is influenced by Site 4. This site is the compliance point for the Water Discharge Licence (WDL 177-10). Results have been recorded and reported as per the monthly reports to NTEPA Appendix G.

Table 12 Site 5 water quality parameters basic statistics for 2023 to 2024

Site 5	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
	oC	mg/L	mV	%	µS/cm	-	NTU
Min	14.9	1.8	-24.0	23.3	0.6	6.1	0.2
Max	138.2	266.0	1776.0	65.3	655.0	7.8	151.0
Average	27.6	4.8	164.2	36.0	221.9	6.8	7.6
StDev	9.9	22.3	160.7	5.9	153.4	0.3	15.2

Figure 4 shows pH and EC at Site 5 during the reporting period. During the periods where discharge was occurring, pH and EC generally complied with the WDL discharge trigger values.

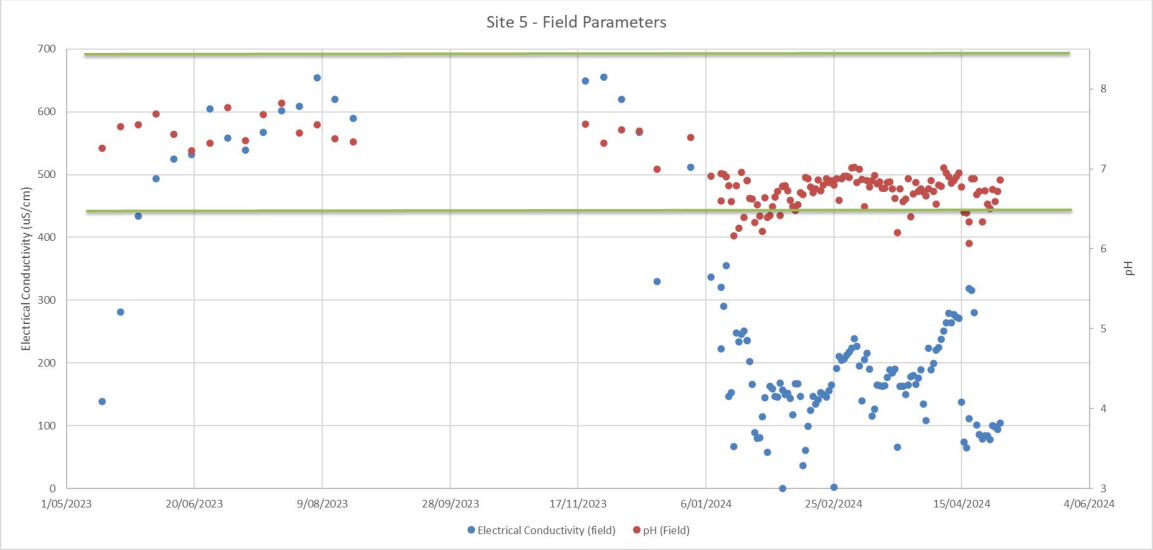


Figure 4 pH and EC from Site 5

Table 13 and Table 14 (from Appendix B and Appendix E) show the min, max, average and standard deviation of the inorganic data and the metal data for Site 5 respectively. The inorganic data show an acceptable average. During periods of discharge, the 3 x Trigger Levels values were not exceeded.

Table 13 Site 5 inorganics results basic statistics for 2023 to 2024

Site 5	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)
	mg/L	mg/L	mg/L	mg/L	mg/L
Min	1.2	2.3	8.5	26.0	5.0
Max	25.0	41.0	290.0	430.0	57.0
Avg	4.6	11.8	67.4	146.2	13.7
Stdev	5.1	11.0	53.0	106.2	17.1

Table 14 Site 5 filtered metals results basic statistics for 2023 to 2024

Site 5	Aluminium (filtered)	Cadmium (filtered)	Calcium	Chromium (III+VI) (filtered)	Cobalt (filtered)	Copper (filtered)	Iron (filtered)	Lead (filtered)	Magnesium	Manganese (filtered)	Nickel (filtered)	Potassium	Uranium (filtered)	Zinc (filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	mg/L
Min	0.1	0.0	2.4	0.0	0.0	0.0	0.1	0.0	4.7	0.0	0.0	0.5	5.3	0.0
Max	0.070	0.000	64.000	0.000	0.010	0.011	0.370	0.021	65.000	0.9	0.007	5.100	9.000	0.028
Avg	0.000	0.000	19.589	0.000	0.003	0.003	0.114	0.000	20.915	0.1	0.003	1.113	6.833	0.009
Stdev	0.000	0.000	17.794	0.000	0.002	0.002	0.064	0.000	15.076	0.2	0.002	0.002	1.454	0.003

As described in the Monthly Discharger Reports (see Appendix G), 24 generally minor exceedances of the Site 5 trigger levels were recorded during the first flush period in January 2024 with the onset of the wet season. These exceedances are summarised in Table 15.

In most if not all instances, adverse water quality measured at Site 5 was influenced by low pH, turbid and high dissolved copper concentrations flowing from Site 4.

Table 15 Exceedances of Site 5 trigger values for 2023 to 2024

Date	Exceedance	Comments
22 January 2024 25 January 2024	NTU 15.9 NTU 15.2	High rainfall caused elevated turbidity and TSS within the catchment. Flows from upstream caused this non-compliance
17 January 2024 19 January 2024 21 January 2024 25 January 2024 27 January 2024 28 January 2024 30 January 2024 31 January 2024	pH 6.16 pH 6.26 pH 6.39 pH 6.33 pH 6.41 pH 6.22 pH 6.39 pH 6.42	Generally acidic water measured at Site 4 during January 2024 – pH generally ~1 pH unit less than Site 5
12 January 2024 22 January 2024 22 January 2024	Filtered Cu – 0.007 mg/L Filtered Cu – 0.003 mg/L Filtered Cu – 0.004 mg/L	Exceedances very small – Cu measured at Site 1 significantly higher. No impact.
12 January 2024 15 January 2024	TSS – 57 mg/L TSS – 11 mg/L	Exceedances on 12 Jan 24 exceeded 3 x trigger level. High rainfall caused very dirty water from upstream.
14 February 2024	NTU 10.5	High rainfall caused elevated turbidity and TSS within the catchment. Flows from upstream caused this non-compliance
4 February 2024 10 February 2024	pH 6.42 pH 6.48	Generally acidic water measured at Site 4 during February 2024 – pH generally ~1 pH unit less than Site 5
7 March 2024 11 March 2024 21 March 2024	NTU 10.4 NTU 11.6 NTU 20.6	High rainfall caused elevated turbidity within the catchment. Minor non-compliance
21 March 2024 26 March 2024	pH 6.2 pH 6.4	Generally acidic water measured at Site 4 during March 2024 – pH generally ~1 pH unit less than Site 5
18 April 2024	pH 6.07	Generally acidic water measured at Site 4 during April 2024 – pH generally ~1 pH unit less than Site 5

Treat01

Appendix A show Treat01 water quality parameters pH, conductivity, temperature, dissolved oxygen, redox potential and turbidity. Table 16 below illustrates the minimum, maximum, average and standard deviation of the data from 1 May 2023 to 30 April 2023. Appendix A shows that average pH is high because of the water treatment process which artificially raises the pH with a reagent so as to precipitate out the contaminate metals before being pumped to (Sediment Dam). All other parameters are within a normal ranges at this site which is situated in the Water Treatment Plant after the water is treated and before it is pumped to the main sediment dam (Site 2).

Table 16 Site Treat01 water quality parameters basic statistics for 2023 to 2024

Treat01	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
	oC	mg/L	mV	%	µS/cm	-	NTU
Min	22.1	3.3	44.0	41.0	231.0	7.7	2.0
Max	30.9	309.0	184.0	56.7	568.0	9.6	15.2
Average	27.8	22.9	121.5	47.8	404.9	9.2	6.5
StDev	2.4	75.1	44.9	4.2	103.8	0.4	3.5

Table 17 and Table 18 (from Appendix B) show the min, max, average and standard deviation of the inorganic data and the metal data for Treat01 respectively. The inorganic and metals data show an acceptable average.

Table 17 Site Treat01 inorganics results basic statistics for 2023 to 2024

Treat01	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)
	mg/L	mg/L	mg/L	mg/L	mg/L
Min	2.1	1.9	50.0	99.0	5.0
Max	24.0	7.0	270.0	300.0	16.0
Avg	4.4	4.3	133.4	184.1	9.3
Stdev	4.3	1.2	56.5	50.5	3.1

Table 18 Site Treat01 filtered metals results basic statistics for 2023 to 2024

Treat01	Aluminium (filtered)	Cadmium (filtered)	Calcium	Chromium (III+VI) (filtered)	Cobalt (filtered)	Copper (filtered)	Iron (filtered)	Lead (filtered)	Magnesium	Manganese (filtered)	Nickel (filtered)	Potassium	Uranium (filtered)	Zinc (filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	mg/L
Min	0.059	0.000	8.700	0.002	0.001	0.001	0.000	0.002	14.000	0.006	0.001	0.570	0.000	0.008
Max	0.059	0.000	40.000	0.002	0.004	0.009	0.000	0.055	65.000	0.025	0.005	1.300	0.000	0.008
Avg	0.059	0.000	15.483	0.000	0.002	0.003	0.000	0.013	35.458	0.016	0.002	0.833	0.000	0.008
Stdev	0.000	0.000	6.451	0.000	0.001	0.002	0.000	0.019	13.161	0.013	0.001	0.191	0.000	0.000

5. POLLUTANT LOADS

Pollutant loads measured at Site 5 were calculated for dissolved copper – see Table 19. The loads of other metals were not calculated due to them generally being below the limits of detection.

Table 19 Load of discharged filterable copper for 2023 to 2024

Month	Discharge volume (m3)	Avg Conc Cu (mg/L)	Load Cu (kg)
January	500648	0.003	1.502
February	294131	0.002	0.599
March	286371	0.001	0.383
April	87376	0.001	0.105
Total			**2.589**

6. QUALITY ASSURANCE

All laboratory data were measured and reported at a NATA accredited laboratory, Eurofins.

Duplicate samples were generally taken at Site 5 for QAQC and comparison purposes.

Field probes were calibrated according to the manufacturer's instructions.

Additional information is provided at:

- Appendix E– QAQC calculations and results for 1 May 2023 to 30 April 2024
- Appendix F – Chain of Custody documentation for 1 May 2023 to 30 April 2024

7. DISCUSSION

Monitoring was undertaken in accordance with the requirements of WDL177-010 during the 2023-24 reporting period. Monthly discharge reports were submitted where discharge occurred during the months January 2024-April 2024. During the period where discharge was occurring, the discharge water quality measured at Site 5 generally complied with the trigger levels specified in WDL177-10 (noting that a non-compliance requires three consecutive exceedances of the WDL trigger level or an exceedance of the three time trigger level during periods of discharge). Several minor exceedances of pH, turbidity and TSS were measured during periods of intense rainfall and/or generally attributed to poor quality water flowing from Site 4 and influencing the water quality at Site 5. Several minor exceedances of the dissolved coper trigger were recorded, however no instances of three consecutive exceedance of the trigger value during discharge was recorded.

Monitoring data for Site 1 and GS200 which is located upstream and downstream, respectively, of Site 5 and located in the East Finnis River is provided in Appendix B (NB: GS200 is additional to the monitoring requirements specified in WDL17-10) and graphically shown in Appendix C where upstream results (GS200, Site 1) are compared to the discharge water quality (Site 5). Of note is the consistently higher concentration of copper, cobalt, nickel and zinc in samples collected at Site 1 and GS200 site. This is illustrated in Figure 5 for dissolved copper. Similarly, pH is often lower and EC higher at the upstream locations. The general observation is that during the wet season high frequency monitoring period, monitoring at Site 1 and GS200 results exceed the copper, cobalt, nickel and zinc concentration measured at the Site 5 monitoring location generally by an order of magnitude (or in some instances more). Similarly, pH at Site 4 was generally around one pH unit less than that measured at Site 5.

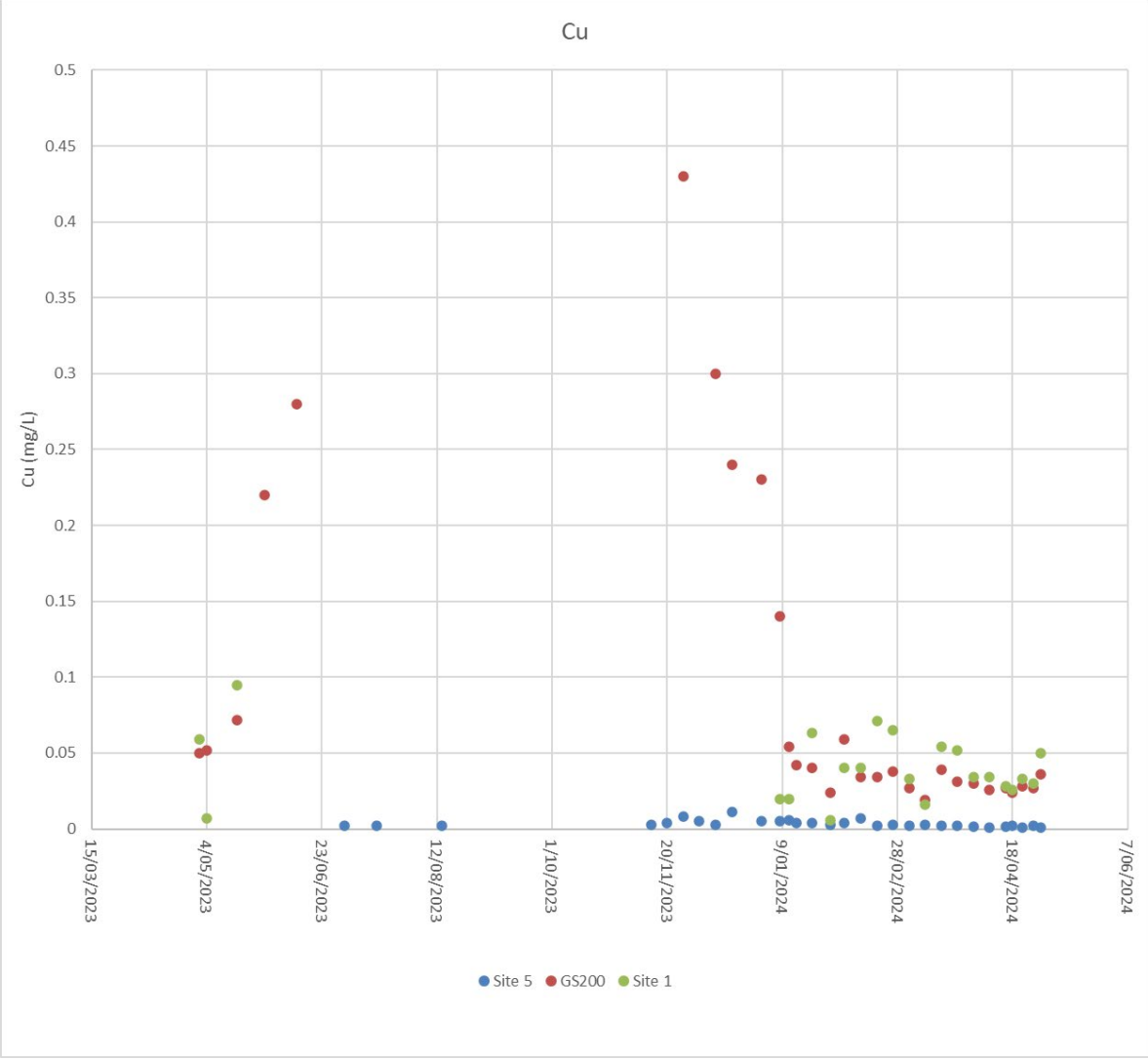


Figure 5 Comparison of filtered Cu from Site 5, Site 1 and GS200

Water quality monitoring data measured at Site 2 and Treat01 are all consistent with previous monitoring results, indicating that the Brown Site is performing in a generally stable manner. Water quality treatment

on site is precipitating metals under high pH/alkalinity, and further polishing is occurring in water quality ponds as measured at Site 2. No additional management actions were implemented during the reporting period in response to monitoring undertaken in accordance with WDL177-10, other than routine operation and maintenance of the Water Treatment Plant as well as the site water management system which comprises several pumps, pipelines and earthen dams, bunds, diversion and the like.

There are no discernible trends evident from the data since 2021 apart from the seasonal effects of wet and dry seasons. Copper has been above trigger values on several occasions at Site 5 during this period, however this generally occurs when discharge is not occurring and is more reflective of water quality in the East Finnis River (see Site 1, Site 4 and GS200 data).

8. CONCLUSIONS

Water quality monitoring has been undertaken in accordance with the requirements of WDL177-10. It is apparent that wet season water quality in the East Finnis River is generally worse than the discharge water quality at Site 5.

Site 5 generally complied with the discharge trigger requirements during period of discharge. Of the non-exceedances measured at Site 5, most of these can be attributed to poor water quality flowing from Site 4 influencing the result. During discharge periods, there were a no exceedances of the 3 x Trigger Levels.

The water quality management, monitoring and reporting framework is working well and NTR does not recommend any change to the treatment/discharge system or WDL177-10 at this stage.

9. REFERENCES

ANZECC & ARMCANZ 2000. Australian and New Zealand guidelines for fresh and marine water quality. National Water Quality Management Strategy Paper No 4, Australian and New Zealand Environment and Conservation Council & Agriculture and Resource Management Council of Australia and New Zealand, Canberra.

Australian Standard AS 4482.1—2005. Guide to the investigation and sampling of sites with potentially contaminated soil Part 1: Non-volatile and semi-volatile compounds. Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia

NHMRC, NRMMC (2011) Australian Drinking Water Guidelines Paper 6 National Water Quality Management Strategy. National Health and Medical Research Council, National Resource Management Ministerial Council, Commonwealth of Australia, Canberra.

Northern Territory Environmental Protection Authority 2016, Guideline for Reporting on Environmental Monitoring.

APPENDIX A – FIELD PARAMETERS FOR 1 MAY 2023 – 30 APRIL 2024

				Field						Inorganics
				Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
				oC	mg/L	mV	%	µS/cm	-	NTU
Field ID	Date	Time	Sample Comments							
SITE1	01 May 2023	8:44:00	colour= clear, flow= low, depth= 0.2	27.8	5.95	198	49.1	262	6.88	6
SITE1	04 May 2023	7:45:00	colour= clear, flow=low, depth=0.15	25	4.32	265	51.1	321	6.46	12.2
SITE1	08 May 2023	9:48:00	colour= clear, flow= low, depth= 0.15	25.7	4.64	215	55	361	7.2	10.9
SITE1	15 May 2023	7:34:00	colour= clear, flow= low, depth= 0.2	24.3	4.02	229	47.5	601	7.14	12.3
SITE1	22 May 2023	7:15:00	colour= yellow tinge, flow= very slow, depth= 0.1	17.7	5.12	138	52.9	1,013	6.99	19.1
SITE1	29 May 2023	7:37:00	colour=disc, flow= very low, depth= 0.15	18.2	4.2	474	42.8	1,404	6.31	25.8
SITE1	05 Jun 2023	7:37:00	colour= yellow, flow= almost nil, depth= 0.1	22.4	3.8	153	43.4	1,752	5.99	23.3
SITE1	26 Jun 2023	8:48:00	colour= yellow, flow= no flow, depth= 0.15,	26.1	3.38	239	41.7	1,610	6.63	4
SITE1	12 Jan 2024	18:34:00	Colour= dirty, Depth = .5, Flow	27.8	3.69	297	45.6	804	4.51	50
SITE1	15 Jan 2024	8:09:00	colour= , flow= fast, depth= 1	26	3.67	151	45.2	92	6.58	90.8
SITE1	22 Jan 2024	8:16:00	colour= clear, flow= med, depth= .3	28.2	3.92	BM	49.4	183.3	6.63	6.6
SITE1	29 Jan 2024	9:29:00	colour= clear, flow= med, depth= .3	27.3	3.83	BM	47.2	196	5.58	10.4
SITE1	05 Feb 2024	8:28:00	colour= clear, flow= med, depth= .3	29.7	4.26	225	55.3	254	6.51	4.3
SITE1	12 Feb 2024	8:21:00	colour= clear, flow= med, depth= .3	26.9	4.21	193	52.4	215	7.07	4.4
SITE1	19 Feb 2024	9:45:00	colour= clear, flow= med, depth= .5	31.1	4.11	187	53.9	144	7.23	6.1
SITE1	26 Feb 2024	7:34:00	colour= clear, flow= med, depth= .3	28.1	3.04	218	38.5	181	6.69	7.3
SITE1	04 Mar 2024	9:03:00	colour= clear, flow= med, depth= .3	27.7	3.88	174	507	128	7.42	7.6
SITE1	11 Mar 2024	8:19:00	colour= disc, flow= fast, depth= 1.5	26.9	3.22	135	40.8	59.5	6.9	17.7
SITE1	18 Mar 2024	8:00:00	colour= clear, flow= med, depth= .3	27.4	3.68	1,798	46.2	171	7.13	6.1
SITE1	25 Mar 2024	7:49:00	colour= clear, flow= med, depth= .3	28.1	3.92	192	49.8	141	6.71	3.7
SITE1	01 Apr 2024	8:03:00	colour= clear, flow= med, depth= .5	28.2	3.89	157	48.8	115	6.75	2.7
SITE1	08 Apr 2024	8:25:00	colour= clear, flow= low, depth= .5	26.7	4.12	166	50.7	182	6.67	6.6
SITE1	15 Apr 2024	8:28:00	colour= clear, flow= low, depth= .25	27.7	3.65	194	45.4	239	6.81	11.9
SITE1	18 Apr 2024	8:47:00	Colour= slightly disc, Depth = .5, Flow = med	26.9	4.02		51	147	6.48	20.9
SITE1	22 Apr 2024	8:35:00	colour= clear, flow= low, depth= .3	25.9	4.13		49.8	259	6.76	7
SITE1	27 Apr 2024	8:54:00	colour= clear, flow= low, depth= .2	28.2	3.47		43.8	302	6.76	14.3
SITE1	30 Apr 2024	8:51:00	colour= clear, flow= low, depth= .25	29.6	4.07		51	368	6.81	7.6

Site 1	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
	oC	mg/L	mV	%	µS/cm	-	NTU
Min	17.7	3.0	135.0	38.5	59.5	4.5	2.7
Max	31.1	6.0	1798.0	507.0	1752.0	7.4	90.8
Average	26.5	4.0	285.6	65.0	426.1	6.7	14.8
StDev	3.0	0.6	354.2	88.4	472.3	0.6	18.1

				Field						Inorganics
				Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
				oC	mg/L	mV	%	µS/cm	-	NTU
Field ID	Date	Time	Sample Comments							
SITE2	01 May 2023	9:40:00	dam gauge ht = .76, colour = clear	30.4	4.09	186	53.8	355	7.41	4.6
SITE2	04 May 2023	8:58:00	dam gauge ht = .89, colour =clear	28.6	3.73	209	47.4	352	6.9	4
SITE2	08 May 2023	8:57:00	dam gauge ht = 1.04, colour = clear	26.9	4.01	185	49.4	365	7.37	3.7
SITE2	15 May 2023	8:42:00	dam gauge ht = .1.2, colour = clear	26	4.01	203	48.9	412	6.98	3.5
SITE2	22 May 2023	8:13:00	dam gauge ht = .1.29, colour = clear	21.4	65	208	51.9	403	7.07	2.8
SITE2	29 May 2023	8:17:00	dam gauge ht = .1.38, colour = clear	22	4.31	99	48.6	419	7.81	2.2
SITE2	05 Jun 2023	8:47:00	dam gauge ht = 1.33, colour = clear	25	3.75	129	45.9	428	7.87	1.8
SITE2	12 Jun 2023	9:01:00	dam gauge ht = 1.36, colour = clear	25.7	3.6	157	43.7	436	7.89	1.9
SITE2	19 Jun 2023	8:06:00	dam gauge ht = 1.54, colour = clear	23.9	3.98	180	46.7	478	7.59	1.9
SITE2	26 Jun 2023	8:10:00	dam gauge ht = 1.58, colour = clear	26.6	3.87	159	48.3	482	7.73	1.7
SITE2	03 Jul 2023	9:26:00	dam gauge ht = 1.57, colour = clear	23.4	6.29	206	75.8	456	7.4	2.1
SITE2	10 Jul 2023	8:17:00	dam gauge ht = 1.5, colour = clear	24.1	2.99	235	36.6	483	7.23	2.1
SITE2	17 Jul 2023	8:34:00	dam gauge ht = 1.42, colour = clear	25.3	3.27	179	40.2	465	8.06	5
SITE2	24 Jul 2023	8:15:00	dam gauge ht = 1.35, colour = clear	20.4	4.1	189	47.4	465	7.96	4.3
SITE2	31 Jul 2023	7:48:00	dam gauge ht = 1.29, colour = clear	22.9	3.82	242	46.6	484	7.91	2.5
SITE2	07 Aug 2023	7:45:00	dam gauge ht = 1.29, colour = clear	24.4	3.74	210	45.9	503	7.53	1.4
SITE2	14 Aug 2023	9:06:00	dam gauge ht = 1.45, colour = clear	26.4	3.67	211	47.1	504	7.46	3.3
SITE2	21 Aug 2023	8:14:00	dam gauge ht = 1.45, colour = clear	25.6	3.49	232	40.8	493	7.41	3.3
SITE2	27 Aug 2023	8:19:00	dam gauge ht = 1.45, colour = clear	25.5	3.57	201	45.1	511	7.49	4
SITE2	04 Sep 2023	8:15:00	dam gauge ht = 1.47, colour = clear	23.8	3.69	209	46.2	569	7.79	3.5
SITE2	11 Sep 2023	7:45:00	dam gauge ht = 1.5, colour = clear	27.7	3.31	264	43	546	7.74	3.7
SITE2	18 Sep 2023	7:35:00	dam gauge ht = 1.4, colour = clear	26.5	3.45	197	44	538	7.54	2
SITE2	25 Sep 2023	7:56:00	dam gauge ht = 1.37, colour = clear	28.6	3.21	133	41.9	553	7.46	3.7
SITE2	23 Oct 2023	7:31:00	dam gauge ht = 1.21, colour = clear	29.7	2.89	171	39	574	7.88	7.6
SITE2	30 Oct 2023	7:34:00	dam gauge ht = 1.28, colour = clear	30.5	2.66	178	36.4	574	7.88	8.2
SITE2	06 Nov 2023	8:13:00	dam gauge ht = 1.28, colour = clear	30.2	2.73	168	37.7	586	7.89	7.9
SITE2	13 Nov 2023	8:47:00	dam gauge ht = 1.3, colour = clear	30.6	3.32	129	44.3	571	7.84	7.1
SITE2	20 Nov 2023	7:55:00	dam gauge ht = 1.28, colour = clear	31.5	3.02	173	41.1	588	7.86	5.7
SITE2	27 Nov 2023	8:18:00	dam gauge ht = 1.35, colour = clear	30.3	2.67	160	35.2	574	7.71	4.8
SITE2	04 Dec 2023	8:05:00	dam gauge ht = 1.21, colour = clear	30.8	2.73	170	36.1	594	7.76	6.4
SITE2	11 Dec 2023	8:23:00	dam gauge ht = , colour =	31.9	2.85	142	38.2	581	7.81	7.3
SITE2	18 Dec 2023	9:25:00	dam gauge ht = 1.4, colour = clear	31.8	3.32	155	45	4.31	7.56	7.8
SITE2	31 Dec 2023	9:54:00	dam gauge ht = 1.2, colour =	34.5	3.11	138	43.9	521	7.45	4.6
SITE2	08 Jan 2024	8:45:00	dam gauge ht = 1.2, colour = clear	32.3	2.67	131	36.9	509	7.38	5.2
SITE2	12 Jan 2024	19:46:00	Colour=clear, Flow=	30.3	3.19	171	41.9	496	7.52	14.7
SITE2	15 Jan 2024	9:38:00	dam gauge ht = 1.1, colour = clear	27.9	3.93	47.8	50.3	441	7.23	18.5
SITE2	22 Jan 2024	9:01:00	dam gauge ht = .28, colour = clear	29.3	3.82	BM	49.7	355	7.11	4.3
SITE2	29 Jan 2024	8:30:00	dam gauge ht = .69, colour = clear	27.1	3.15	BM	39.7	239	6.98	19.8
SITE2	05 Feb 2024	9:52:00	dam gauge ht = .25, colour = clear	30.9	3.66	149	49.3	253	7.24	1.2
SITE2	12 Feb 2024	9:45:00	dam gauge ht = .28, colour = clear	30	3.57	141	47.2	299	7.32	1
SITE2	19 Feb 2024	9:05:00	dam gauge ht = .27, colour = clear	31.8	3.97	130	53.4	279	7.27	6.4
SITE2	26 Feb 2024	8:53:00	dam gauge ht = .28, colour = slight disc	30.4	3.24	140	43.1	322	7.51	6.1
SITE2	04 Mar 2024	8:08:00	dam gauge ht = .28, colour = clear	30.4	3.06	176	40.3	346	7.72	7.5
SITE2	11 Mar 2024	9:40:00	dam gauge ht = .29, colour = slight disc	29.9	3.18	107	42.1	324	7.93	11.7
SITE2	18 Mar 2024	9:28:00	dam gauge ht = .27, colour = clear	29.7	3.22	108	42.7	323	7.85	9.6
SITE2	25 Mar 2024	9:33:00	dam gauge ht = .27, colour = clear	31.2	2.99	104	41.3	309	7.75	3.1
SITE2	01 Apr 2024	9:39:00	dam gauge ht = .27, colour = clear	30.7	3.27	119	43.8	329	7.51	3.7
SITE2	08 Apr 2024	9:55:00	dam gauge ht = .27, colour = clear	29.1	3.3	115	42.2	359	7.83	5.2
SITE2	15 Apr 2024	9:45:00	dam gauge ht = .25, colour = clear	30.2	3.62	156	48	377	7.61	4.5
SITE2	18 Apr 2024	6:14:00	colour = clear, Depth = .52	28.1	3.9		49.4	397	7.63	6.2
SITE2	22 Apr 2024	9:10:00	dam gauge ht = .41, colour = clear	27.5	4.29		53.5	395	7.84	3.6
SITE2	27 Apr 2024	9:30:00	dam gauge ht = .8, colour = clear	30.4	3.84		50.5	399	7.49	3.6
SITE2	30 Apr 2024	8:15:00	dam gauge ht = .1, colour = clear	29.1	3.512		44.2	403	7.45	2.9

Site 2	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
	oC	mg/L	mV	%	µS/cm	-	NTU
Min	20.4	2.7	47.8	35.2	4.3	6.9	1.0
Max	34.5	65.0	264.0	75.8	594.0	8.1	19.8
Average	28.1	4.7	166.0	45.1	434.4	7.6	5.2
StDev	3.2	8.5	42.9	6.4	114.7	0.3	3.9

During discharge
Immediately before discharge

				Field						Inorganics
				Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
				oC	mg/L	mV	%	µS/cm	-	NTU
Field ID	Date	Time	Sample Comments							
SITE4	01 May 2023	8:13:00	colour= clear, flow=low, depth= 0.1	25.7	4.06	237	48.6	41.6	7.89	5.9
SITE4	04 May 2023	7:20:00	colour=clear, flow=low, depth= 0.1	23.2	3.89	257	44.2	46.9	6.58	7.1
SITE4	08 May 2023	9:09:00	colour= flow=, depth=	23.1	4.87	206	56.4	28.8	7.7	6.7
SITE4	15 May 2023	8:57:00	colour= clear, flow=low, depth= 0.1	24.1	4.33	216	51.5	34.7	7.12	5.7
SITE4	22 May 2023	8:26:00	colour= clear, flow=low, depth= 0.75	17.5	5.12	213	53.6	28.6	7.52	5.9
SITE4	29 May 2023	9:26:00	colour= clear, flow= very slow, depth= 0.05	176.7	5.48	123	55.89	40.2	8.5	12.4
SITE4	18 Dec 2023	8:53:00	Colour = disc, brown, Flow = just enough to sample,	28.8	2.31	184	29.7	54.9	5.89	24.7
SITE4	08 Jan 2024	8:33:00	colour= slight disc, flow= low, depth=0.05	28.3	2.48	192	31.7	34.9	5.96	24.8
SITE4	12 Jan 2024	19:32:00	Colour= dirty, Depth = .15, Flow =	27.4	2.79	190	35	33.2	5.88	68
SITE4	13 Jan 2024	15:27:00	Colour= dirty,Clarity = dirty, Flow= steady, Depth= .1	28.5	2.66	23.4	33.9	21.09	5.67	70.2
SITE4	14 Jan 2024	7:45:00	Colour= brownish, Clarity = clear, Flow=low, Depth=	27	2.89	2.9	37.7	27.5	8.43	28.3
SITE4	15 Jan 2024	9:23:00	Colour=discoloured, Clarity = , Flow= fast, Depth= .2	26.6	3.39	75.8	42.5	20.8	5.65	33
SITE4	16 Jan 2024	10:43:00	Colour= dirty, Flow= fast, Depth= .15	27.1	3.61	2.3	45.5	56.4	5.29	52.2
SITE4	17 Jan 2024	6:50:00	Colour=discoloured, Flow= high, Depth= .3	25.8	3.12	-3	38.8	32.3	5.17	21.6
SITE4	18 Jan 2024	6:41:00	Colour=clear, Flow= med, Depth= .15	26.9	3.14	13.2	38.8	26.2	5.36	14
SITE4	19 Jan 2024	8:40:00	Colour= clear, Clarity = clear, Flow= steady, Depth= .	27.4	3.02	95	38	21.9	5.42	10.2
SITE4	20 Jan 2024	8:40:00	Colour = clear, clarity = clear, flow =steady, depth = (	27.1	3.08	194	36.9	19.34	5.93	8.1
SITE4	21 Jan 2024	8:50:00	Colour = clear, clarity = clear, flow = steady, depth =	27.6	3.29	BM	45	18.29	5.8	8.1
SITE4	22 Jan 2024	9:15:00	Colour = clear, clarity = , flow = med, depth = 0.2	28.5	3.31	BM	43	36.2	5.83	4.5
SITE4	23 Jan 2024	6:42:00	Colour = clear, clarity = , flow =med, depth = 0.15	27.2	2.94	BM	36.3	47.2	5.65	4.9
SITE4	24 Jan 2024	6:30:00	Colour = clear, clarity = , flow = med, depth = 0.15	26.4	3.08	BM	38.3	48	5.67	10.6
SITE4	25 Jan 2024	6:30:00	Colour = clear, clarity = , flow =fast, depth = 0.25	26.1	3.58	BM	44.1	43.9	5.53	5.5
SITE4	26 Jan 2024	10:54:00	Colour = crystal, clarity =clear , flow v good, depth =	27.7	2.95	BM	39.4	42.1	5.67	9.2
SITE4	27 Jan 2024	11:50:00	Colour = crystal clarity = clean , flow = v good, depth	27.7	3.31	BM	42	42.1	5.46	4.2
SITE4	28 Jan 2024	9:00:00	Colour = clear, clarity = clear , flow = steady depth =	26.9	3.44	BM	46.5	16.68	5.94	3.4
SITE4	29 Jan 2024	8:14:00	Colour = clarity = , flow = depth =	26.7	3.13	BM	38.9	17.1	5.8	5.4
SITE4	30 Jan 2024	13:40:00	Colour = dirty, clarity = dirty , flow = fast, depth = .85	24.6	2.9	BM	44.3	26.1	5.4	108.3
SITE4	31 Jan 2024	7:06:00	Colour = clear, clarity = , flow = fast, depth = .25	26.2	2.87	222	35.3	85.2	5.67	3.9
SITE4	01 Feb 2024	7:30:00	Colour= clear, Clarity = clean, Flow= good, Depth= .1	27.5	2.21	194	28.7	18.03	5.84	2.7
SITE4	02 Feb 2024	7:15:00	Colour= clear, Clarity = clean, Flow=good, Depth= .9	28.1	3.06	193.2	37.5	17.71	6.03	2.4
SITE4	03 Feb 2024	7:20:00	Colour= clear, Clarity = clean, Flow= good, Depth= .6	27.9	2.4	199.2	31	20.2	5.78	2.9
SITE4	04 Feb 2024	7:05:00	Colour= clear, Flow= med, Depth= .2	27.7	2.59	196	32.7	22.8	5.69	4.1
SITE4	05 Feb 2024	9:38:00	Colour= clear, Flow= med, Depth= .2	28.7	3.86	168	45.7	18.71	5.99	2.9
SITE4	06 Feb 2024	7:00:00	Colour=clear, Clarity = cleart, Flow= low, Depth= .1 -	27.2	3.27	201.8	40.7	24.9	5.67	2.1
SITE4	07 Feb 2024	7:40:00	Colour= clear, Clarity = clear, Flow= low, Depth= .1	28	3.05	200.6	27.7	22.7	5.69	1.8
SITE4	08 Feb 2024	6:50:00	Colour = clear, clarity = clear, flow = low, depth = 0.1	26.6	3.13	202.4	39.2	20.2	5.53	1.2
SITE4	09 Feb 2024	10:55:00	Colour = crystal, clarity = clear, flow = v good, depth	31.1	4.23	142.4	41.7	41.1	5.62	3.6
SITE4	10 Feb 2024	12:30:00	Colour = crystal, clarity = clear, flow = good, depth =	30.1	3.94	146.1	52.1	17.75	5.84	1.4
SITE4	11 Feb 2024	9:50:00	Colour = clear, clarity = crystal, flow = good, depth =	29.7	3.94	163.8	52.1	136.3	5.81	1.6
SITE4	12 Feb 2024	9:28:00	Colour = clear, clarity = , flow = med, depth = 0.2	27.6	3.49	170	44.1	19.4	5.97	1

SITE4	13 Feb 2024	7:30:00	Colour = brownish, clarity = brownish, flow = med-fa	25.7	3.78	152.4	48.8	16.88	5.48	16.6
SITE4	14 Feb 2024	7:22:00	Colour = clear, clarity = clear , flow = med, depth = (	25.9	3.59	196.3	44	17.49	5.46	6
SITE4	15 Feb 2024	7:09:00	Colour = clear, clarity = clear , flow = low - med, dep	26.7	3.35	190.9	41.4	25.6	5.61	11.5
SITE4	16 Feb 2024	6:56:00	Colour = clear, clarity = clear , flow = low, depth = .1	27.7	3.08	177.4	38.7	18.87	5.87	1.2
SITE4	17 Feb 2024	13:10:00	Colour = clear, clarity = clean, flow = yes, depth = 1(	32.1	4.05	162.7	56	15.33	6.05	0.6
SITE4	18 Feb 2024	7:25:00	Colour = clear, clarity = clean , flow = good, depth =	27.5	3.05	141.9	38.5	16.95	5.74	-0.4
SITE4	19 Feb 2024	8:50:00	Colour = clear, clarity = , flow = med, depth = .25	28.5	3.29	151	42.1	18.6	5.87	3
SITE4	20 Feb 2024	8:20:00	Colour = clear, clarity = clean , flow = good, depth =	28.2	3.25	125	41.2	17.11	6	4
SITE4	21 Feb 2024	6:55:00	Colour = clear, clarity = clear , flow = low - med, dep	27.5	2.98	2.9	41.3	20.46	5.43	3.8
SITE4	22 Feb 2024	6:55:00	Colour = clear, clarity = clear , flow = low - med dept	27.1	3.01	185	37.9	18.95	5.65	2.9
SITE4	23 Feb 2024	6:51:00	Colour = clear, clarity = clear, flow = low, depth = .1	27.5	2.77	192	36.1	22.7	5.54	2.5
SITE4	24 Feb 2024	7:12:00	Colour = clear, clarity = clear , flow = low - med, dept	28.1	2.52	193.2	32.7	31.3	5.63	3.6
SITE4	25 Feb 2024	12:12:00	Colour = crystal, clarity = clear , flow = good, depth =	32.9	4.99	139.1	69.4	31.7	6.17	2.5
SITE4	26 Feb 2024	8:39:00	Colour = clear, clarity = , flow = med, depth = .25	27.7	2.8	170	35.3	19.3	6.04	3
SITE4	27 Feb 2024	11:25:00	Colour = crystal, clarity = clear, flow = good, depth	29.8	3.92	139.4	52.4	22.6	5.66	3.2
SITE4	28 Feb 2024	10:52:00	Colour = crystal, clarity = clear , flow = good depth =	29.8	4.02	168.8	52.1	33.7	5.86	2.7
SITE4	29 Feb 2024	9:13:00	Colour = clear, clarity = clear , flow = low depth = .1	28.1	3.69	150.1	46.3	23.1	5.75	3.1
SITE4	01 Mar 2024	7:17:00	Colour= clear, Clarity = clear, Flow= low, Depth= .1	27.4	3.18	154.9	38.8	19.6	5.72	2.8
SITE4	02 Mar 2024	6:51:00	Colour= clear, Clarity = clear, Flow= low, Depth= .1	27.4	2.34	195.1	28.5	20.1	5.63	2.8
SITE4	03 Mar 2024	6:58:00	Colour= clear, Clarity = clear, Flow= low, Depth= .1	27.3	3.04	184.1	37.2	21.3	5.68	2.4
SITE4	04 Mar 2024	7:51:00	Colour= clear, Flow= med, Depth= .15	27	3.14	163	39	23.1	5.76	3.5
SITE4	05 Mar 2024	7:40:00	Colour= clear, clarity = clean, Flow= good, Depth= .5	27.6	2.06	133.8	26.1	19.21	5.86	2.4
SITE4	06 Mar 2024	7:40:00	Colour=clear, Clarity = clean, Flow= good, Depth= .5	27.7	2.66	146	33.9	19.16	5.91	2.3
SITE4	07 Mar 2024	9:30:00	Colour= clear, Clarity = clean, Flow= good, Depth= 1	26.9	2.52	167.9	31.8	16.34	5.98	5.7
SITE4	08 Mar 2024	7:55:00	Colour = clear, clarity = clear, flow = steady, depth =	27	3.21	121.6	43.5	17.92	5.95	2
SITE4	09 Mar 2024	9:20:00	Colour = clear, clarity = clear, flow = steady, depth =	27.9	3.38	136.1	46.2	17.02	6.21	2.6
SITE4	10 Mar 2024	8:15:00	Colour = clear, clarity = clear, flow = steady, depth =	27.5	3.71	143.7	49.4	16.14	6.08	2.9
SITE4	11 Mar 2024	9:26:00	Colour = clear, clarity = flow = fast, depth = 0.2	27	3.27	168	41.8	17.2	5.93	6
SITE4	12 Mar 2024	11:28:00	Colour = crystal, clarity = clear, flow = good, depth =	28.6	3.51	163.3	44.2	42.2	5.97	6.1
SITE4	13 Mar 2024	11:10:00	Colour = crystal clarity = clear, flow = good, depth = (	27.9	3.75	132.6	47.8	50.3	5.58	5.8
SITE4	14 Mar 2024	10:45:00	Colour = crystal, clarity = clear , flow = good, depth	27.5	3.36	120.1	41.9	55.6	5.76	4.7
SITE4	15 Mar 2024	11:22:00	Colour = crystal, clarity = clear , flow = good, depth =	27.4	3.14	144.6	39.4	22.19	5.69	4.3
SITE4	16 Mar 2024	7:20:00	Colour = clear, clarity = clear , flow = low, depth = .1	26.3	3.57	126.3	43	18.84	5.41	4.4
SITE4	17 Mar 2024	7:29:00	Colour = clear, clarity = clear, flow = low, depth = .1	26.8	3.29	161.7	39.2	24.3	5.73	4.6
SITE4	18 Mar 2024	9:14:00	Colour = clear, clarity = , flow = med, depth = .2	27.9	3.45	160	43.9	24	5.95	5
SITE4	19 Mar 2024	7:20:00	Colour = clear, clarity = clear, flow = med, depth = .2	26.9	2.62	187	33.4	20.14	5.7	4.9
SITE4	20 Mar 2024	8:45:00	Colour = clear, clarity = clean , flow = good, depth =	26.8	2.44	136.7	30.8	20.5	5.7	5
SITE4	21 Mar 2024	10:10:00	Colour = clear, clarity = clean , flow = good, depth =	25.9	3.01	161.9	37.5	11.46	5.55	9.9
SITE4	22 Mar 2024	11:15:00	Colour = clear, clarity = clean , flow = good, depth =	28.5	3.77	122.8	49.1	17.4	5.86	6.1
SITE4	23 Mar 2024	7:25:00	Colour = clear, clarity = clean, flow = good, depth =	27.1	2.24	133.1	27.5	21.6	5.77	5.2
SITE4	24 Mar 2024	7:55:00	Colour = clear, clarity = clear , flow = steady, depth =	26.7	3.22	125	35.7	16.72	5.96	4.2
SITE4	25 Mar 2024	9:17:00	colour= clear, flow= med, depth= 0.2	27.6	3.45	154	44.1	18.5	6.07	1.8
SITE4	26 Mar 2024	8:10:00	Colour = clear, clarity = clear, flow = steady, depth =	26.6	2.35	127	29.9	18.38	5.9	0.7
SITE4	27 Mar 2024	7:50:00	Colour = clear, clarity = clear, flow = steady, depth	27.1	2.42	123.2	29.4	17.23	6.03	1
SITE4	28 Mar 2024	10:54:00	Colour = crystal, clarity = clear , flow = good depth =	27.8	3.94	135.6	51.2	44.1	5.58	2.1
SITE4	29 Mar 2024	10:17:00	Colour = clear, clarity = clear , flow = good, depth = .2	28.2	2.98	122.6	37.4	38.4	5.95	0.8
SITE4	30 Mar 2024	9:44:00	Colour = clear, clarity = clear , flow = good, depth = .2	27.1	3.24	120.2	40.6	42.8	5.66	0.6
SITE4	31 Mar 2024	11:57:00	Colour = clear, clarity = clear , flow = good, depth = .2	29.3	3.62	123.7	47.9	70.5	5.96	0.7
SITE4	01 Apr 2024	9:23:00	Colour= clear, Clarity = Flow= med, Depth= .2	27.3	3.39	154	42.6	18.1	6.06	1.7

SITE4	02 Apr 2024	7:11:00	Colour= clear, Clarity = Flow= med, Depth= .2	26.5	2.58	173	32.4	32.3	5.98	3.3
SITE4	03 Apr 2024	8:18:00	Colour= clear, Clarity = clear, Flow= low, Depth= .1	27.2	2.96	180.8	35.2	23.1	5.71	1.3
SITE4	04 Apr 2024	7:09:00	Colour= clear, clarity = clear, Flow= low, Depth= .1	26.7	3.01	173.1	38.7	21.9	5.52	1.6
SITE4	05 Apr 2024	7:55:00	Colour=clear, Clarity = clean, Flow= good, Depth= .1	26.4	2.37	149.3	29.5	20.42	5.77	1.5
SITE4	06 Apr 2024	7:30:00	Colour= clear, Clarity = clean, Flow= good, Depth= .1	25.9	2.49	154.2	30.6	20.1	5.88	2.6
SITE4	07 Apr 2024	8:40:00	Colour = clear, clarity = clear, flow = good depth = 0.	25.4	2.81	147.5	34.3	19.42	6	1.4
SITE4	08 Apr 2024	9:42:00	Colour = clear, clarity = flow = med depth = 0.15	25.8	4.19	160	52	17.9	5.85	5
SITE4	09 Apr 2024	7:10:00	Colour = clear, clarity = flow = med-low depth = .15	23.9	2.86	156	34.5	27.3	5.83	5.2
SITE4	10 Apr 2024	7:00:00	Colour = clear, clarity = flow = low-med, depth = 0.1	23.3	3.42	155	41	25.6	5.85	6.4
SITE4	11 Apr 2024	7:50:00	Colour = clear, clarity = clear, flow = steady, depth =	23.1	2.97	151.1	35.2	19.32	5.71	5.4
SITE4	12 Apr 2024	8:00:00	Colour = clear clarity = clear, flow = steady, depth = (	23.7	2.6	160.3	31.6	20.4	5.86	9.9
SITE4	13 Apr 2024	8:40:00	Colour = clean, clarity = clear , flow = average, dept	24.7	2.71	146.9	32.4	28	5.82	5.6
SITE4	14 Apr 2024	9:23:00	Colour = clean, clarity = clear , flow = ave depth = .1	25.8	3.39	161.5	42.3	42.2	5.89	5.5
SITE4	15 Apr 2024	9:31:00	Colour = clear, clarity = , flow = low, depth = .1	26.3	3.29	198	41.6	20.9	5.97	6.4
SITE4	16 Apr 2024	8:50:00	Colour = clear, clarity = flow = poor, depth = 900m	25.6	3.76		45.9	27.1	5.51	6.3
SITE4	17 Apr 2024	7:15:00	Colour = clear, clarity = clear, flow = low, depth = 5-	26	3.14		37.8	28.5	5.54	6.9
SITE4	18 Apr 2024	9:37:00	Colour = clarity = flow = depth =	26.7	3.47		43.5	22.7	5.8	6.3
SITE4	19 Apr 2024	7:07:00	Colour = clear, clarity = clear , flow = low, depth = 5	25.7	2.53		30.5	25.6	5.69	5.9
SITE4	20 Apr 2024	7:16:00	Colour = clear, clarity = clear , flow = low, depth = 5-	24.3	2.72		32.6	24.9	5.78	5.3
SITE4	21 Apr 2024	7:25:00	Colour = clear, clarity = clean , flow = good, depth =	23.3	2.42		28.8	22.1	6	6
SITE4	22 Apr 2024	8:10:00	Colour = clear, clarity = flow = low, depth = .1	23.7	2.97		34.5	234.2	5.92	25.5
SITE4	23 Apr 2024	8:40:00	Colour = clear, clarity = clean , flow = good, depth = .	25.3	2.38		29.1	22.6	6.03	3.9
SITE4	24 Apr 2024	7:35:00	Colour = clear, clarity = clean, flow = good, depth =	26.1	2.14		26.1	22.5	6.01	4.1
SITE4	25 Apr 2024	7:45:00	Colour = clear, clarity = clear, flow = steady, depth =	27.3	1.79		23	23.1	5.97	7
SITE4	26 Apr 2024	7:55:00	Colour = clear, clarity = clear, flow = steady, depth	27.1	2.1		26.6	22.9	5.78	3.6
SITE4	27 Apr 2024	8:09:00	Colour = clear, clarity = , flow = low, depth = .15	25.7	2.62		31.3	23.5	5.95	3.5
SITE4	28 Apr 2024	7:45:00	Colour = clear, clarity = clear , flow = trickling depth =	24.7	2.36		28.8	24	6.05	3.9
SITE4	29 Apr 2024	9:50:00	Colour = clear, clarity = , flow = ave. depth = .12	25.5	3.22		38.6	37.6	5.74	3.2
SITE4	30 Apr 2024	7:28:00	colour= clear, flow= low, depth= 0.15	25.9	2.23		27	29.6	6.17	3.7

Site 4	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
	oC	mg/L	mV	%	µS/cm	-	NTU
Min	17.5	1.8	-3.0	23.0	11.5	5.2	-0.4
Max	176.7	5.5	257.0	69.4	234.2	8.5	108.3
Average	28.1	3.2	152.4	39.4	29.6	5.9	7.9
StDev	13.9	0.6	49.1	8.0	24.6	0.5	14.3

During discharge
Immediately before discharge

During discharge
Immediately before discharge

				Field						Inorganics
				Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
				oC	mg/L	mV	%	µS/cm	-	NTU
WDL177-10 Trigger Values								700	6.5-8.5	

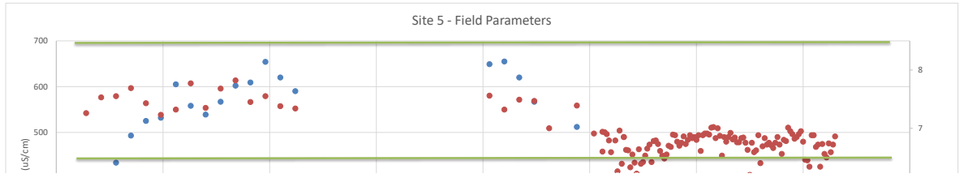
Field ID	Date	Time	Sample Comments	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
SITE5	01 May 2023	8:28:00	colour=clear, flow=low, depth= .3	26.3	2.95	221	36.1	79.2	6.85	6.6
SITE5	04 May 2023	8:30:00	colour=clear, flow= low, depth= .27	24	3.22	242	37.9	77.5	7.05	7.4
SITE5	08 May 2023	8:32:00	colour=clear, flow=low, depth= .25	24.1	3.68	198	43.3	95.6	7.37	8.8
SITE5	15 May 2023	8:18:00	colour=clear, flow= low, depth= .23	23	3.39	187	39.1	139	7.26	6.2
SITE5	22 May 2023	7:49:00	colour=clear, flow= low, depth= .2	17.7	4.54	160	46.8	281	7.53	5.9
SITE5	29 May 2023	9:09:00	colour=clear, flow= very slow, depth= 1.22	18.7	4.04	109	43.5	434	7.55	6.3
SITE5	05 Jun 2023	8:20:00	colour=clear, flow=low, depth= .12	21.3	2.97	125	33.7	493	7.69	3.5
SITE5	12 Jun 2023	7:51:00	colour=clear, flow= v low, depth= .2	20.3	2.81	226	30.7	525	7.43	4.2
SITE5	19 Jun 2023	7:54:00	colour=clear, flow= v low, depth= .2	19.5	3.74	192	40.8	532	7.23	4
SITE5	26 Jun 2023	7:53:00	colour=clear, flow= v low, depth= .2	24.1	2.68	191	31.4	605	7.32	3.5
SITE5	03 Jul 2023	9:03:00	colour=clear, flow= v low, depth= .21	19.3	3.59	219	40.7	558	7.77	3.9
SITE5	10 Jul 2023	7:45:00	colour=clear, flow= v low, depth= .22	20.3	2.71	259	31	539	7.35	5.3
SITE5	17 Jul 2023	8:13:00	colour=clear, flow= low, depth= 1.22	21	2.86	186	33.9	567	7.68	3.1
SITE5	24 Jul 2023	7:59:00	colour=clear, flow= v slow, depth= .12	14.9	3.86	191	40.6	602	7.82	3.9
SITE5	31 Jul 2023	7:30:00	colour=clear, flow= v low, depth= 1.2	20.3	3.37	244	30.3	609	7.45	2.5
SITE5	07 Aug 2023	7:26:00	colour=clear, flow= v Slow, depth= .2	20	2.89	230	32.8	654	7.55	3.6
SITE5	14 Aug 2023	8:06:00	colour=clear, flow= v low, depth= .12	20.4	2.48	238	29	620	7.38	2.4
SITE5	21 Aug 2023	7:53:00	colour=clear, flow= v slow, depth= .2	19.2	3.3	226	37.1	590	7.34	3.2
SITE5	20 Nov 2023	7:02:00	Colour = clear, flow= very low, depth= .2	26.5	2.09	171	25.6	649	7.56	7.7
SITE5	27 Nov 2023	8:09:00	Colour = clear, flow= low, depth= .2	25.7	2.9	168	35.2	655	7.32	3
SITE5	04 Dec 2023	7:54:00	Colour = clear, flow= low, depth= .22	26.4	2.36	175	29.4	620	7.49	3.5
SITE5	11 Dec 2023	8:13:00	Colour = clear, flow= very low, depth= .19	26.7	2.84	163	35.2	567	7.47	2.5
SITE5	18 Dec 2023	8:35:00	Colour = flow= low, depth= .28	28	3.22	186	41.7	330	7	13.6
SITE5	31 Dec 2023	9:30:00	Colour = clear, flow= very low, depth= .2	29.7	3.66	175	37	512	7.39	23.1
SITE5	08 Jan 2024	08:01AM	colour, flow=low, depth=0.28	27.2	2.33	177	29.6	337	6.91	15
SITE5	12 Jan 2024	17:50:00	Colour= Depth= .52,	27.8	2.31	176	29.4	222	6.6	151
SITE5	12 Jan 2024	19:18:00	Colour= dirty, Depth = 1.61, Flow=	28	2.44	171	30.6	321	6.94	85.1
SITE5	13 Jan 2024	15:00:00	Colour = cloudy, Clarity = cloudy, flow = fast, depth = 0.7	28.9	2.28	20.6	30.3	290	6.93	26.5
SITE5	14 Jan 2024	7:57:00	Colour = clear, Clarity = clear, flow = med, depth = 0.64	28.2	3.85	24.9	45	355	6.9	11.3
SITE5	15 Jan 2024	8:52:00	Colour = dirty, flow = high, depth = 0.84	26	4.03	59.4	48.6	146.7	6.79	35.4
SITE5	16 Jan 2024	11:05:00	Colour =discoloured, flow = fast, depth = 0.8	26.9	3.27	-24	41.9	153	6.59	20.4
SITE5	17 Jan 2024	7:08:00	Colour = discoloured, flow = fast, depth = 0.96	25.6	2.97	-23	37	67	6.16	25
SITE5	18 Jan 2024	6:57:00	Colour =slight disc, flow = fast, depth = 0.68	27.2	2.7	12.3	34.1	248	6.79	9.1
SITE5	19 Jan 2024	8:20:00	Colour = clear, clarity = clear, flow = fast, depth = 0.66	27.4	2.76	179	34.8	234	6.26	8.2
SITE5	20 Jan 2024	8:25:00	Colour = clear, clarity = clear, flow = fast, depth = 0.5	27.6	3.67	175	43	246	6.96	6.1
SITE5	21 Jan 2024	8:30:00	Colour = clear, clarity = clear, flow = fast, depth = 0.5	27.5	3.13	BM	37.8	251	6.39	5.8
SITE5	22 Jan 2024	10:06:00	Colour = clear, clarity = , flow = med, depth = 0.5	28.3	2.9	BM	37.1	236	6.85	15.9
SITE5	22 Jan 2024	10:46:00	colour = clear, flow=med, depth=0.5	28.3	2.9	BM	37.1	236	6.85	15.9
SITE5	23 Jan 2024	6:56:00	Colour = clear, clarity = , flow = med, depth = 0.45	27.9	2.51	BM	32.1	202	6.63	2
SITE5	24 Jan 2024	6:47:00	Colour = clear, clarity = , flow = med, depth = 0.5	26.9	2.41	BM	30.1	166	6.62	6.7
SITE5	25 Jan 2024	6:44:00	Colour = clear, clarity = , flow = fast, depth = 0.74	26.2	3.57	BM	44.6	88.6	6.33	15.2
SITE5	26 Jan 2024	11:16:00	Colour = brownish, clarity = murky , flow = v good, depth = 6.6	27.5	3.82	BM	48.4	80.1	6.55	9.8
SITE5	27 Jan 2024	12:05:00	Colour = murky, clarity = none , flow = v good, depth = .65	28	3.56	BM	44.9	80.5	6.41	8.2
SITE5	28 Jan 2024	8:40:00	Colour = clear clarity = clear , flow = fast, depth = .6	26.9	2.62	BM	32.3	114.2	6.22	4.6
SITE5	29 Jan 2024	7:39:00	Colour = clear clarity = , flow = fast, depth = .58	26.6	2.83	BM	35.9	145	6.64	6.7
SITE5	30 Jan 2024	13:20:00	Colour = dirty, clarity = dirty , flow = fast, depth = .85	24.6	3.5	BM	40.5	57.5	6.39	24.7
SITE5	31 Jan 2024	6:50:00	Colour = clear, clarity = , flow = fast, depth = .58	26.2	3.13	209	37.9	163	6.42	4.7
SITE5	01 Feb 2024	7:15:00	Colour = clear Clarity = clean, flow = good, depth = .55	28	2.19	200	27.2	158.4	6.53	2.1
SITE5	02 Feb 2024	7:00:00	Colour = clear, Clarity = clean, flow = good, depth = 0.49	28.5	266	185	32.1	147	6.65	2.8
SITE5	03 Feb 2024	7:15:00	Colour = clear, clarity = clean, flow = good, depth = 0.46	28.4	1.97	185.6	25	145.8	6.72	1.3
SITE5	04 Feb 2024	6:40:00	Colour = clear, flow = med, depth = 0.42	26.2	3.26	1,776	34.6	168	6.42	1.7
SITE5	05 Feb 2024	8:06:00	Colour = clear, flow = med, depth = .44	29	2.69	189	35.1	157	6.78	2.3
SITE5	05 Feb 2024	9:06:00	colour = clear, flow=med, depth=0.44	29	2.69	189	35.1	0.57	6.78	2.3
SITE5	06 Feb 2024	7:17:00	Colour = clear, clarity = clear, flow =low-med, depth = 0.43	28.4	2.74	182.2	35.2	150.2	6.79	1.9
SITE5	07 Feb 2024	7:55:00	Colour = clear, clarity = clear, flow = low, depth = 0.41	29	2.73	176.9	35	151.4	6.73	0.9
SITE5	08 Feb 2024	7:06:00	Colour = clear, clarity = clear, flow = low - med, depth = 0.45	27.9	2.69	183.2	34.5	143.6	6.61	1.8
SITE5	09 Feb 2024	11:10:00	Colour = brownish, clarity = murky, flow = good, depth = 0.68	31.1	3.59	147.6	48.1	117.4	6.53	6.8
SITE5	10 Feb 2024	12:15:00	Colour = murky brown, clarity = clear, flow = good, depth = 0.46	29.9	3.34	130.1	44.1	167.2	6.48	0.5
SITE5	11 Feb 2024	10:06:00	Colour = crystal clean, clarity = clear, flow = good, depth = 0.45	29.7	3.03	164.5	39.3	166.4	6.55	2.7
SITE5	12 Feb 2024	9:01:00	Colour = clear, clarity = , flow = med, depth = 0.5	28.3	2.63	149	33.6	147	6.7	1.8
SITE5	13 Feb 2024	8:04:00	Colour = brownish, clarity = brownish, flow = high, depth = 0.93	25.5	5.01	170.1	65.3	36.2	6.68	30
SITE5	14 Feb 2024	7:37:00	Colour = clear, clarity = clear , flow = med, depth = 85	25.7	4.62	178	58.1	60.7	6.89	10.5
SITE5	15 Feb 2024	7:25:00	Colour = clear, clarity = clear , flow = med depth = .62	26.9	3.52	173.7	45.9	99	6.88	2.4
SITE5	16 Feb 2024	7:23:00	Colour = clear clarity = clear , flow = med, depth = .51	27.9	2.94	176.5	37	124.2	6.77	0.5
SITE5	17 Feb 2024	13:00:00	Colour = clean, clarity = clear , flow = yes depth = .58	30.7	2.88	156.6	37.9	146.4	6.7	0.2
SITE5	18 Feb 2024	7:15:00	Colour = clear, clarity = clear , flow = good, depth = .5	28.1	2.89	124.1	36.7	134.7	6.75	2.4
SITE5	19 Feb 2024	8:19:00	Colour = clear, clarity = , flow = fast, depth = .50	28.2	2.62	157	33.1	142	6.86	4.4
SITE5	20 Feb 2024	8:10:00	Colour = clear, clarity = clean, flow = good, depth = 4.7	28.8	2.51	107.9	32.7	152.3	6.73	3.4
SITE5	21 Feb 2024	7:19:00	Colour = clear, clarity = clear , flow = low - med depth = .45	28.4	2.88	136.8	36.6	149.5	6.8	3.1
SITE5	22 Feb 2024	7:38:00	Colour = clear, clarity = clear , flow = med, depth = .47	28.2	3.57	157.9	44.3	145.6	6.88	3.7
SITE5	23 Feb 2024	7:05:00	Colour = clear clarity = clear, flow = low - med, depth = .43	28.9	2.54	151.3	33.1	156.2	6.83	2.5
SITE5	24 Feb 2024	7:29:00	Colour = clear, clarity = clear, , flow = low - med, depth = .54	29.4	3.07	163.9	38.6	164.5	6.85	3.5
SITE5	25 Feb 2024	12:26:00	Colour = crystal, clarity = clear, flow = good, depth = .44	32.2	3.01	139.8	39.7	2	6.8	2.5
SITE5	26 Feb 2024	8:10:00	Colour = clear, clarity = , flow = med, depth = .43	28.7	2.59	150	33.4	191	6.88	2.3
SITE5	27 Feb 2024	11:10:00	Colour = crystal, clarity = clear, flow = good depth = .45	29.7	3.11	122.5	40.1	210.3	6.61	2.9
SITE5	28 Feb 2024	11:06:00	Colour = crystal, clarity = clear , flow = good, depth = .43	30.2	3.1	151.6	40.9	204.1	6.88	3.2
SITE5	29 Feb 2024	9:28:00	Colour = clear, clarity = , flow = low - med, depth = .42	29.4	3.11	137.4	41.2	206.8	6.91	1.5
SITE5	01 Mar 2024	7:33:00	Colour = clear Clarity = clear, flow = low - med, depth = .41	28.7	2.42	129.1	32.3	212	6.91	5.7
SITE5	02 Mar 2024	7:07:00	Colour = clear, Clarity = clear, flow = low - med, depth = 0.4	29.1	2.71	137.3	35.6	217	6.89	1.6
SITE5	03 Mar 2024	7:13:00	Colour = clear, clarity = clear, flow = low - med, depth = 0.4	29.1	2.71	155.1	35.2	224	7.01	1.6
SITE5	04 Mar 2024	10:54:00	Colour = clear, flow = fast, depth = 0.47	29.5	3.19	131	41.9	239	7.02	3.7
SITE5	05 Mar 2024	7:30:00	Colour = clear, clarity = clean, flow = good, depth = 1.43	29	2.26	99.1	28.8	227	6.83	1.8
SITE5	06 Mar 2024	7:30:00	Colour = clear, clarity = clean, flow = good, depth = 0.47	28.8	2.42	114	31.2	195.4	7	2.4
SITE5	07 Mar 2024	9:15:00	Colour = clear, clarity = clean, flow = good, depth = .58	27.4	2.52	145.2	31.4	139.2	6.87	10.3
SITE5	08 Mar 2024	7:40:00	Colour = clear, clarity = clear, flow = steady, depth = 0.44	28.2	2.57	105.5	32.3	205	6.53	1.8
SITE5	09 Mar 2024	9:10:00	Colour = clear, clarity = clear, flow = steady, depth = 0.44	29.1	2.46	124.4	32.5	215	6.85	1.7
SITE5	10 Mar 2024	8:05:00	Colour = clear, clarity = clear, flow = steady, depth = 0.45	28.4	2.24	128.4	28.7	190.2	6.77	1.8
SITE5	11 Mar 2024	8:56:00	Colour = clear, clarity = flow = fast, depth = 0.65	27	3.12	137	39.6	115	6.85	11.8
SITE5	12 Mar 2024	11:44:00	Colour = murky, clarity = average, flow = good depth = 0.57	28.6	3.43	132.3	44.1	126.1	6.92	8.3
SITE5	13 Mar 2024	11:25:00	Colour = crystal, clarity = clear, flow = good, depth = .49	28.2	2.82	136.5	36.1	164.6	6.81	6.2
SITE5	14 Mar 2024	11:02:00	Colour = crystal, clarity = clear , flow = good, depth = .47	27.6	2.71	133.5	34.6	164.1	6.84	5.7

During discharge
Immediately before discharge

During discharge
Immediately before discharge

				Field						Inorganics
				Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
				oC	mg/L	mV	%	µS/cm	-	NTU
SITE5	15 Mar 2024	11:36:00	Colour = clean, clarity = clear , flow = good, depth = .49	27.7	2.34	127.8	29.9	163.2	6.76	5.7
SITE5	16 Mar 2024	7:33:00	Colour = clear, clarity = clear , flow = low-med, depth = .47	26.7	3.29	113	43.9	163.4	6.76	4.5
SITE5	17 Mar 2024	7:43:00	Colour = clear, clarity = clear , flow = low - med, depth = .46	27.5	2.52	119.6	31	176.8	6.83	4
SITE5	18 Mar 2024	8:42:00	Colour = clear, clarity = , flow = med, depth = .45	28.2	2.71	145	35	189	6.84	4.8
SITE5	19 Mar 2024	7:35:00	Colour = clear, clarity = clear , flow = med, depth = 44	27.7	2.36	148	29.9	184	6.75	3.9
SITE5	20 Mar 2024	8:30:00	Colour = clear, clarity = clear, flow = good, depth = .45	27.5	2.87	116	36.1	189.8	6.63	3.7
SITE5	21 Mar 2024	9:55:00	Colour = cloudy, ligfht green, clarity = cloudy , flow = good, depth = .75	26	2.73	148.2	34.3	66.2	6.2	20.6
SITE5	22 Mar 2024	11:00:00	Colour = clear, clarity = clean , flow = good, depth = .5	28.3	2.96	138.2	37.6	163.3	6.75	4.2
SITE5	23 Mar 2024	7:15:00	Colour = clear clarity = clean, flow = good, depth = .49	138.2	1.99	138.6	25.2	163.3	6.59	4.6
SITE5	24 Mar 2024	7:40:00	Colour = clear, clarity = clear, , flow = steady, depth = .45	27.3	2.74	137.3	37.4	149.6	6.62	4.2
SITE5	25 Mar 2024	8:42:00	colour = clear, flow= med, depth= 0.46	28.1	2.26	145	29	165	6.88	1.3
SITE5	26 Mar 2024	7:50:00	Colour = clear, clarity = clear , flow = steady, depth = .44	27.7	1.9	107.6	25	177.8	6.4	0.6
SITE5	27 Mar 2024	7:40:00	Colour = clear, clarity = clear, flow = steady, depth = .45	28.2	1.81	109.2	23.3	180.3	6.69	9.3
SITE5	28 Mar 2024	11:10:00	Colour = clean, clarity = clear , flow = good, depth = .47	29.1	2.86	129.3	37.4	165.8	6.83	1.1
SITE5	29 Mar 2024	10:31:00	Colour = clean, clarity = clear , flow = good, depth = .44	29.9	3.01	130.4	39.4	176.3	6.72	0.5
SITE5	30 Mar 2024	10:00:00	Colour = clear, clarity = clear , flow = good, depth = .45	28	2.64	129.1	34.2	189.4	6.75	2.3
SITE5	31 Mar 2024	12:10:00	Colour = clear, clarity = clear , flow = good, depth = .46	30.2	2.66	124.7	34.8	134.6	6.71	2.1
SITE5	01 Apr 2024	8:50:00	Colour = clear, Clarity = flow = med, depth = 0.4	27.1	2.87	141	36	108	6.66	1.9
SITE5	02 Apr 2024	6:55:00	Colour = clear, clarity = flow = med, depth = 0.4	29.1	2.71	155.1	35.2	224	6.75	1.6
SITE5	03 Apr 2024	8:31:00	Colour = clear, clarity = clear, flow = low-med, depth = 0.54	28.2	2.44	144.3	32.9	188.7	6.85	1
SITE5	04 Apr 2024	7:22:00	Colour = clear, clarity = clear, flow = low-med, depth = .41	28.1	2.43	146.4	31.9	198.8	6.72	1.5
SITE5	05 Apr 2024	7:45:00	Colour = clear, clarity = clean, flow = good, depth = 0.42	27.9	2.38	131.8	30.2	220	6.56	0.6
SITE5	06 Apr 2024	7:20:00	Colour = clear, clarity = clean, flow = good, depth = .41	27.5	2.44	120.4	31	225	6.8	0.6
SITE5	07 Apr 2024	8:30:00	Colour = clear, clarity = clean, flow = good, depth = 0.41	27.3	2.73	122.2	34.5	238	6.78	1
SITE5	08 Apr 2024	9:04:00	Colour = clear, clarity = flow = med, depth = 0.39	26.5	3.16	145	39.5	251	7.01	5.3
SITE5	09 Apr 2024	7:02:00	Colour = clear, clarity = flow = med, depth = .39	25.7	2.95	148	36.7	264	6.95	4.6
SITE5	10 Apr 2024	6:43:00	Colour = clear, clarity = flow = med, depth = 0.39	25.2	2.97	145	36.6	279	6.9	4.9
SITE5	11 Apr 2024	7:40:00	Colour = clear, clarity = clear, flow = steady, depth = 0.38	25.3	3.03	137.7	36.6	264	6.82	3.8
SITE5	12 Apr 2024	7:50:00	Colour = clear, clarity = clear, flow = steady, depth = .38	25.6	2.9	141.8	35.9	277	6.85	4.2
SITE5	13 Apr 2024	8:55:00	Colour = clean, clarity = clear , flow = average, depth = .37	25.9	2.66	136.2	33.7	273	6.9	6
SITE5	14 Apr 2024	9:39:00	Colour = clean, clarity = clear , flow = ave depth = .45	27.2	2.55	141.6	32.1	271	6.95	5.6
SITE5	15 Apr 2024	9:02:00	Colour = clear, clarity = , flow = low, depth = .3	26.7	2.67	167	33.9	138	6.77	9.1
SITE5	16 Apr 2024	9:14:00	Colour = clear, clarity = , flow = poor, depth = .29	26	2.95		37	74.3	6.46	9
SITE5	17 Apr 2024	7:24:00	Colour = clear, clarity = clear, flow = low, depth = .24	26.4	2.9		36.6	64.9	6.45	8.3
SITE5	18 Apr 2024	6:23:00	Colour= clear, Depth= .34,	25.4	2.66		32.8	111.1	6.34	13.1
SITE5	18 Apr 2024	9:20:00	Colour = clear, clarity = , flow = med, depth = .46	28.1	3.01		39.1	319	6.07	6.8
SITE5	19 Apr 2024	7:21:00	Colour = clear, clarity = clear, flow = low-med, depth = .41	27.6	2.81		35.4	316	6.88	6.1
SITE5	20 Apr 2024	7:29:00	Colour = clear, clarity = clear , flow = low-med, depth = .32	26.3	2.76		34.3	280	6.88	5.1
SITE5	21 Apr 2024	7:15:00	Colour = clear, clarity = clean , flow = good, depth = .3	23.9	3.99		36.4	101.3	6.68	8.7
SITE5	22 Apr 2024	7:39:00	Colour = clear clarity = flow = low, depth = .26	24.3	2.76		32.5	86.4	6.72	5.8
SITE5	23 Apr 2024	8:30:00	Colour = clear, clarity = clean, , flow = good, depth = .27	25.6	3.07		36.2	78.6	6.34	5.7
SITE5	24 Apr 2024	7:25:00	Colour = clear, clarity = clean, flow = good, depth = .36	26.3	2.53		30.5	83.7	6.73	6
SITE5	25 Apr 2024	7:35:00	Colour = clear, clarity = clear , flow = steady, depth = .35	27.6	3.21		38.3	83.5	6.56	6
SITE5	26 Apr 2024	7:45:00	Colour = clear, clarity = clear, flow = steady, depth = .28	27.5	2.9		34.6	77.9	6.5	5.6
SITE5	27 Apr 2024	7:36:00	Colour = clear, clarity = , flow = low depth = .25	26.4	2.65		32.4	99.9	6.74	4.8
SITE5	28 Apr 2024	7:30:00	Colour = clear, clarity = clear , flow = steady depth = .25	25.4	3.02		36.5	98.1	6.59	6.1
SITE5	29 Apr 2024	10:01:00	Colour = clear, clarity = , flow = poor, depth = .24	25.8	3.4		41.5	93.7	6.72	7
SITE5	30 Apr 2024	7:49:00	colour = clear, flow= low, depth= 0.22	25.8	2.68		31.9	104.5	6.86	5.4

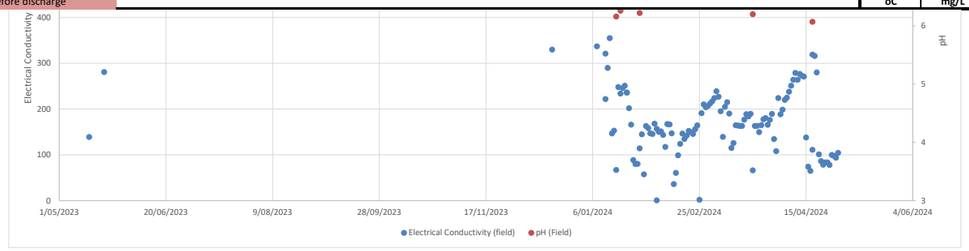
Site 5	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
	oC	mg/L	mV	%	µS/cm	-	NTU
Min	14.9	1.8	-24.0	23.3	0.6	6.1	0.2
Max	138.2	266.0	1776.0	65.3	655.0	7.8	151.0
Average	27.6	4.8	164.2	36.0	221.9	6.8	7.6
StDev	9.9	22.3	160.7	5.9	153.4	0.3	15.2



During discharge
Immediately before discharge

During discharge
Immediately before discharge

	Field						Inorganics
	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
	oC	mg/L	mV	%	µS/cm	-	NTU



				Field						Inorganics
				Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
				oC	mg/L	mV	%	µS/cm	-	NTU
Field ID	**Date**	**Time**	**Sample Comments**							
TREAT01	01 May 2023	9:55:00	treating,	29.3	4	164	51.2	356	9.28	10.1
TREAT01	04 May 2023	9:11:00	treating,	28.1	3.74	181	47.3	373	9.42	8.3
TREAT01	08 May 2023	9:25:00	treating,	26.5	4.13	150	50.9	373	9.48	8.6
TREAT01	15 May 2023	9:15:00	treating, colour = clear	26.7	4.51	155	55.4	444	9.5	3.3
TREAT01	22 May 2023	8:39:00	treating, colour = clear	22.1	4.998	167	56.7	447	9.23	5.4
TREAT01	12 Jun 2023	9:15:00	treating,	25.9	4.07	118	49.9	504	9.33	3.41
TREAT01	19 Jun 2023	8:18:00	treating,	24.4	4.26	115	50.1	510	9.4	2.3
TREAT01	31 Jul 2023	8:37:00	Not treating,	22.7	3.41	166	41.6	439	7.66	3.1
TREAT01	07 Aug 2023	7:57:00	treating,	23.5	4.26	184	50	568	9.3	4.4
TREAT01	14 Aug 2023	9:19:00	treating,	25.5	3.51	172	44.5	544	9.25	9.2
TREAT01	21 Aug 2023	8:26:00	treating,	25.5	4.09	172	50.7	522		5.6
TREAT01	04 Sep 2023	8:36:00		26.2	3.73	149	47.9	565	9.19	4.4
TREAT01	18 Sep 2023	7:49:00	Treating	25.6	4.17	182	52.5	559	8.86	3.6
TREAT01	25 Sep 2023	8:08:00	Treating	28.6	3.71	147		560	8.39	4.07
TREAT01	30 Oct 2023	7:50:00	Treating, Colour = clear	30.8	3.29	119	45.2	554	9.33	2
TREAT01	15 Jan 2024	9:52:00	colour = clear, treating	28	3.71	44	47.4	444	8.66	6.4
TREAT01	22 Jan 2024	11:03:00	colour = clear, treating, re	28.9	3.77	BM	48.6	286	9.41	8.7
TREAT01	29 Jan 2024	8:45:00	colour = clear, treating, re	27.1	3.74	BM	55.4	293	9.35	15.2
TREAT01	05 Feb 2024	10:04:00	colour = clear, treating,	30.9	3.42	96.4	45.2	231	9.14	3
TREAT01	12 Feb 2024	10:00:00	colour = clear, treating,	30.9	3.42	96.4	45.2	231	9.14	3
TREAT01	19 Feb 2024	9:20:00	colour = clear, treating,	30.1	3.28	76	42.8	265	9.45	13.2
TREAT01	26 Feb 2024	9:06:00	colour = clear, treating,	30.2	3.49	83	46.1	349	9.5	9.5
TREAT01	04 Mar 2024	8:23:00	colour = clear, treating,	30.1	3.36	99	44.5	359	9.39	9.1
TREAT01	11 Mar 2024	7:57:00	colour = clear, treating,	28.5	3.67	94.6	47.3	285	9.28	11
TREAT01	18 Mar 2024	9:42:00	colour = clear, treating,	29.2	3.49	57	48	342	9.62	5.8
TREAT01	25 Mar 2024	9:46:00	colour = clear, treating,	30	309	55	41	322	9.47	4.6
TREAT01	01 Apr 2024	8:03:00	colour = not treating,	30	309	55	41	322	9.47	4.6
TREAT01	08 Apr 2024	10:27:00	colour = treating,	29.2	3.94	87	52.6	377	9.36	13.1
TREAT01	15 Apr 2024	9:58:00	colour = treating,	29.1	3.57	94.9	45.8	365	9.54	9
TREAT01	22 Apr 2024	9:21:00	colour = clear, treating,	27.3	3.95		49	382	9.45	6.7
TREAT01	27 Apr 2024	9:47:00	colour = clear, treating,	29.5	3.41		43.4	388	9.43	4.4
TREAT01	30 Apr 2024	7:13:00	colour = clear, treating,	29.1	3.47		43.9	399	9.32	3.8

Treat01	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
	oC	mg/L	mV	%	µS/cm	-	NTU
Min	22.1	3.3	44.0	41.0	231.0	7.7	2.0
Max	30.9	309.0	184.0	56.7	568.0	9.6	15.2
Average	27.8	22.9	121.5	47.8	404.9	9.2	6.5
StDev	2.4	75.1	44.9	4.2	103.8	0.4	3.5

During discharge
Immediately before discharge

Field ID	Date	Time	Sample Comments	Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
				oC	mg/L	mV	%	µS/cm	-	NTU
GS200	01 May 2023	9:02:00	colour=clear, flow= low, depth=1.48	27.6	3.88	214	48.8	251	6.92	7.1
GS200	04 May 2023	8:00:00	depth=1.48, colour= clear, flow= low	25.4	3.9	258	46.5	283	6.73	9.9
GS200	08 May 2023	8:00:00	colour=clear, flow= low, depth=1.4	25.1	3.95	226	47.7	349	7.08	9.5
GS200	15 May 2023	7:54:00	colour=clear, flow= low, depth=1.	24.4	4.11	220	49	592	7	7.1
GS200	22 May 2023	7:30:00	colour=clear, flow= low, depth=1.4	19.2	5.28	167	58.8	877	7.24	4.2
GS200	29 May 2023	7:58:00	colour=clear, flow= low, depth=1.38	20	3.57	573	39.1	1,196	7.35	8.1
GS200	05 Jun 2023	7:53:00	colour=clear, flow= v low, depth=1.3	23	3	158	35.2	1,373	6.65	9
GS200	12 Jun 2023	8:32:00	colour=clear, flow= low, depth= 1.35	22.8	2.86	169	32.9	1,437	6.85	6
GS200	19 Jun 2023	7:28:00	colour=clear, flow= trickle, depth= 1.32	20.4	4.14	247	46	1,903	6.21	1.7
GS200	03 Jul 2023	8:45:00	colour=clear, flow= trickle very slow, depth= 1.3	21.7	3.17	250	37	1,660	6.49	5.5
GS200	10 Jul 2023	8:44:00	colour=clear, flow= very low flow, depth= 1.35	22.3	2.66	254	31.4	1,675	6.07	3.9
GS200	17 Jul 2023	7:48:00	colour=clear, flow= very slow, depth= 1.2	23.2	2.52	215	31	1,797	5.78	2.4
GS200	24 Jul 2023	7:37:00	colour=clear, flow= very slow, depth= 1.34	18.7	3.59	228	39.7	1,807	5.4	3.2
GS200	07 Aug 2023	8:27:00	colour=clear, flow= very slow, depth= 1.3	23.2	2.54	276	31.7	2,114	4.97	2.9
GS200	14 Aug 2023	7:41:00	colour=clear, flow= very slow, depth= 1.	21.4	2.66	323	31	2.56	4.51	3.1
GS200	21 Aug 2023	7:35:00	colour=clear, flow= only just flowing, depth= 1.2	22.2	3.01	343	35.5	2,363	4.42	5.2
GS200	13 Nov 2023	7:56:00	flow= very low, depth=1.3, colour = clear	26.5	3.46	165	42.5	2,182	5.82	4.3
GS200	27 Nov 2023	7:30:00	flow= low, depth=1.3, colour = clear	27	3.3	218	40.7	1,275	6.88	17.9
GS200	04 Dec 2023	7:27:00	flow= very low, depth=1.3, colour =	27.9	2.92	230	36.9	1,568	6.59	2.2
GS200	11 Dec 2023	7:43:00	flow= very low, depth=1.3, colour = clear	28.2	2.88	243	36.7	1,149	6.84	4.2
GS200	18 Dec 2023	8:09:00	Colour = slight disc, flow= low, depth=1.4,	29	2.55	235	32.5	929	6.55	10.9
GS200	31 Dec 2023	9:05:00	Colour = clear, flow= very low, depth=1.35,	31.3	3.02	217	41.4	1,305	6.34	6.5
GS200	08 Jan 2024	7:33:00	depth=1.37, colour= disc , flow= low	27.6	3.11	216	39.2	695	6.61	2.22
GS200	12 Jan 2024	17:42:00	Colour= dirty, Depth= 1.53,	27.6	4.03	203	54	521	6.27	65
GS200	12 Jan 2024	18:55:00	Colour= dirty, Depth= 1.51,	27.7	4.22	212	32.7	507	6.36	241
GS200	15 Jan 2024	8:25:00	depth=2.11, colour= dirty, flow= fast	26.1	3.65	128	45.2	108.9	6.45	83
GS200	22 Jan 2024	8:33:00	depth= 1.62, colour= clear, flow=med	28.6	3.29	BM	43	219	6.5	7.2
GS200	29 Jan 2024	9:55:00	depth= 1.85, colour= clear, flow=fast	28	3.04	BM	38.1	143	6.41	7.8
GS200	05 Feb 2024	9:45:00	depth= 1.63, colour= clear, flow=med	29.1	3.59	230	47	18	6.62	3.6
GS200	12 Feb 2024	8:37:00	depth= 1.68, colour= clear, flow=med	28.3	3.86	186	47.2	162	6.69	6.7
GS200	19 Feb 2024	10:00:00	depth= 1.74, colour= flow=med	30.3	3.69	180	48.8	122	6.62	7
GS200	26 Feb 2024	7:49:00	depth= 1.6 colour= clear, flow=med	29	2.87	203	37.5	166	6.7	5.9
GS200	04 Mar 2024	10:40:00	depth= 1.69, colour= disc, flow= med	29.5	3.54	165	45.2	151	6.92	18
GS200	11 Mar 2024	8:33:00	depth= 2, colour= slight disc, flow= fast	27.1	3.84	150	48.7	76.1	6.54	16.9
GS200	18 Mar 2024	8:18:00	colour= clear, flow= med, depth = 1.65	27.8	3.9	174	5	158	6.65	7.7
GS200	25 Mar 2024	8:16:00	colour= clear, flow= med, depth = 1.67	28.1	3.09	183	39.9	135	6.57	2.5
GS200	01 Apr 2024	8:19:00	colour= clear, flow= med, depth = 1.69	28.2	3.24	163	41.9	115	6.62	2.9
GS200	08 Apr 2024	8:41:00	colour= clear, flow= med, depth = 1.57	26.9	3.89	183	50.4	171	6.83	16.1
GS200	15 Apr 2024	8:41:00	colour= clear, flow= med, depth = 1.5	27.8	3.54	194	45.1	215	6.7	10.9
GS200	18 Apr 2024	6:43:00	Colour= clear, Depth= 1.68	26.7	3.47	BM	43.3	139	6.47	17.1
GS200	18 Apr 2024	9:01:00	Colour= slightly disc, Depth= 1.68,	27.8	3.91	BM	49.2	150	6.73	13.3
GS200	22 Apr 2024	8:49:00	colour= clear, flow= med, depth = 1.5	26.4	3.74	BM	45.6	232	6.78	7.5
GS200	27 Apr 2024	9:08:00	colour= clear, flow= low/med, depth = 1.47	28.5	3.71	BM	47	263	6.64	10.3
GS200	30 Apr 2024	9:07:00	colour= flow= low, depth = 1.42	29	4.32	BM	54	341	6.86	6.3

APPENDIX B – LABORATORY RESULTS FOR 1 MAY 2023 – 30 APRIL 2024

| | | Inorganics | | | | | | | | | Metals | | | | | | | | |

		Inorganics									Metals																									
		Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)	Aluminium	Aluminium (filtered)	Cadmium	Cadmium (filtered)	Calcium	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Cobalt (filtered)	Copper	Copper (filtered)	Iron	Iron (filtered)	Lead	Lead (filtered)	Magnesium	Manganese	Manganese (filtered)	Nickel	Nickel (filtered)	Potassium	Uranium	Uranium (filtered)	Zinc	Zinc (filtered)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L
EQL		20	10	20	20	1	0.5	5	5	1	0.05	0.05	0.0002	0.0002	0.5	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	0.001	0.001	0.5	0.005	0.005	0.001	0.001	0.5	5	5	0.005	0.005
Field ID	**Date**																																			
																						Cu													
Site 1	**01 May 2023**	31	<10	<20	31	1.5	3.6	95	110	<5	0.32	0.06	0.0003	0.0003	8.6	<0.001	<0.001	0.082	0.081	0.12	0.059	0.45	<0.05	<0.001	<0.001	20	0.26	0.23	0.07	0.061	1.1	7	<5	0.098	0.095
Site1	**04 May 2023**	27	<10	<20	27	2.9	3.5	160	140	<5	0.05	<0.05	0.0005	<0.0002	10	<0.001	<0.001	0.11	0.002	0.063	0.007	<0.05	<0.05	<0.001	0.002	27	0.33	0.013	0.094	0.006	0.8	<5	<5	0.13	0.009
Site 1	**17 May 2023**	31	<10	<20	31	2.1	3.7	270	280	9.2	0.76	0.07	0.0013	0.0012	22	<0.001	<0.001	0.36	0.37	0.31	0.095	1.7	<0.05	0.002	<0.001	55	0.91	0.9	0.3	0.31	1.5	18	6	0.54	0.53
Site1	**29 May 2023**	22	<10	<20	22	3.3	4.5	860	880	28	2.2	0.12	0.0057	0.0051	70	<0.001	<0.001	1.9	1.1	1	0.56	8.4	4.9	<0.001	<0.001	170	4	4	1.6	1.5	1.8	36	11	3.5	3.5
SITE1	**12 Jan 2024**	<20	<20	<20	<20	2.6	2.3	19	27	60	1.4	0.09	<0.0002	<0.0002	2.4	0.002	<0.001	0.023	0.016	0.073	0.02	2.7	0.14	0.014	<0.001	5.2	0.15	0.11	0.02	0.014	1.2	6	<5	0.023	0.013
SITE1	**15 Jan 2024**	<20	<10	<20	<20	2.1	2.8	470	440	31	0.001	<0.001	0.0016	0.0016	35	0.001	<0.001	0.43	0.41	0.71	0.69	1	<0.05	0.03	0.02	86	2.1	2.1	0.38	0.37	2.1	15	13	0.63	0.6
SITE1	**22 Jan 2024**	<20	<20	<20	<20	2.6	4	58	89	<5	0.22	<0.05	<0.0002	<0.0002	6.1	<0.001	<0.001	0.045	0.044	0.092	0.063	0.32	0.06	<0.001	<0.001	15	0.15	0.15	0.037	0.036	1.1	<5	<5	0.072	0.065
SITE1	**30 Jan 2024**	<20	<20	<20	<20	2.3	2.1	63	64	17	0.19	0.18	<0.0002	<0.0002	5.5	<0.001	<0.001	0.051	0.05	0.24	0.006	<0.05	<0.05	0.001	0.001	12	0.16	0.15	0.058	0.056	0.8	<5	<5	0.071	0.068
SITE1	**05 Feb 2024**	<20	<20	<20	<20	2.2	2.2	98	98	22	0.44	<0.05	0.00035	0.00035	8.4	<0.001	<0.001	0.073	0.072	0.22	0.13	0.32	<0.05	0.0015	<0.001	19	0.18	0.17	0.068	0.068	<2	6.9	<5	0.12	0.11
SITE1	**12 Feb 2024**	39	<20	<20	39	2.2	2.8	56	82	<5	0.13	0.059	<0.0002	<0.0002	5.8	<0.001	<0.001	0.013	0.038	0.027	0.04	0.18	<0.05	<0.001	<0.001	16	0.041	0.12	0.012	0.034	0.7	<5	<5	0.021	0.055
SITE1	**19 Feb 2024**	35	<20	<20	35	1.8	2.2	44	57	38	0.44	0.05	0.0002	0.0002	4.6	<0.001	<0.001	0.038	0.036	0.13	0.071	0.32	<0.05	0.003	<0.001	10	0.1	0.095	0.038	0.034	0.6	<5	<5	0.06	
SITE1	**26 Feb 2024**	24	<20	<20	24	9.1	2.8	51	80	<5	0.27	0.054	0.00026	0.00025	6.2	<0.001	<0.001	0.045	0.042	0.12	0.065	0.25	<0.05	<0.001	<0.001	16	0.12	0.11	0.041	0.038	0.72	5	<5	0.068	0.064
SITE 1	**04 Mar 2024**	24	<10	<20	24	1.7	2.5	31	50	10	0.28	0.06	<0.0002	<0.0002	3.8	<0.001	<0.001	0.024	0.022	0.054	0.033	0.33	0.06	0.002	<0.001	9.9	0.075	0.068	0.023	0.02	0.7	<5	<5	0.037	0.035
SITE 1	**11 Mar 2024**	<20	<10	<20	<20	1.4	1.7	8.9	19	14	0.25	<0.05	<0.0002	<0.0002	1.4	<0.001	<0.001	0.0067	0.0059	0.028	0.016	0.44	0.094	0.0016	<0.001	3.8	0.029	0.025	0.0064	0.0052	0.65	<5	<5	0.014	0.011
SITE1	**18 Mar 2024**	29	<10	<20	29	17	3	41	60	<5	0.23	<0.05	<0.0002	<0.0002	4.6	<0.001	<0.001	0.031	0.029	0.092	0.054	0.24	<0.05	<0.001	<0.001	12	0.094	0.087	0.028	0.026	0.7	<5	<5	0.045	0.042
SITE1	**25 Mar 2024**	220	<20	<20	220	1.9	2.8	36	56	<5	0.29	<0.05	<0.0002	<0.0002	4.4	<0.001	<0.001	0.028	0.027	0.077	0.052	0.26	<0.05	<0.001	<0.001	9	0.079	0.079	0.025	0.024	0.6	<5	<5	0.038	0.038
SITE1	**01 Apr 2024**	62	<20	<20	62	3.4	3	29	46	6.2	0.14	<0.05	<0.0002	<0.0002	3.4	<0.001	<0.001	0.021	0.019	0.053	0.034	0.23	<0.05	<0.001	<0.001	9.1	0.064	0.059	0.019	0.017	1	<5	<5	0.028	0.025
SITE1	**08 Apr 2024**	84	<20	<20	84	2	2.5	48	64	<5	0.18	<0.05	<0.0002	<0.0002	5	<0.001	<0.001	0.035	0.032	0.066	0.034	0.24	<0.05	<0.001	<0.001	12	0.1	0.092	0.032	0.028	0.7	<5	<5	0.048	0.042
SITE1	**15 Apr 2024**	280	<20	<20	280	2.3	3.1	79	98	<5	0.28	<0.05	<0.0002	<0.0002	7.5	<0.001	<0.001	0.056	0.049	0.078	0.028	0.47	<0.05	0.001	<0.001	19	0.18	0.16	0.048	0.041	0.8	6	<5	0.075	0.058
SITE1	**18 Apr 2024**	1,000	<20	<20	1,000	4.5	2.6	38	54	15	0.26	<0.05	<0.0002	<0.0002	3.7	<0.001	<0.001	0.027	0.022	0.049	0.026	0.36	0.06	0.002	<0.001	11	0.14	0.12	0.024	0.02	2.5	<5	<5	0.027	0.019
SITE1	**22 Apr 2024**	210	<20	<20	210	2.1	4.3	77	120	6.1	0.3	<0.05	0.0003	0.0002	9.8	<0.001	<0.001	0.064	0.056	0.089	0.033	0.5	<0.05	0.001	<0.001	24	0.2	0.18	0.054	0.047	1.1	7	<5	0.079	0.063
SITE1	**27 Apr 2024**	61	<20	<20	61	3.8	4.5	100	140	9	0.4	0.05	0.0003	0.0003	9.1	<0.001	<0.001	0.073	0.067	0.11	0.03	0.87	<0.05	0.002	<0.001	27	0.27	0.26	0.064	0.058	1.1	10	<5	0.086	0.068
SITE1	**30 Apr 2024**	95	<20	<20	95	2.8	4.1	140	160	7	0.42	0.05	0.0005	0.0004	13	<0.001	<0.001	0.11	0.1	0.14	0.05	0.76	<0.05	0.003	<0.001	30	0.37	0.34	0.094	0.087	1.1	10	5	0.13	0.11

Site 1	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)
Minimum	1.4	1.7	8.9	19.0	6.1
Maximum	17.0	4.5	860.0	880.0	60.0
Average	3.4	3.1	124.9	139.7	19.5
StDev	3.4	0.8	188.9	185.3	15.4

Site 1	Aluminium (filtered)	Cadmium (filtered)	Calcium	Chromium (III+VI) (filtered)	Cobalt (filtered)	Copper (filtered)	Iron (filtered)	Lead (filtered)	Magnesium	Manganese (filtered)	Nickel (filtered)	Potassium	Uranium (filtered)	Zinc (filtered)
Min	0.1	0.0	1.4	0.0	0.0	0.0	0.1	0.0	3.8	0.0	0.0	0.6	5.0	0.0
Max	0.2	0.0	70.0	0.0	1.1	0.7	4.9	0.0	170.0	4.0	1.5	2.5	13.0	3.5
Avg	0.1	0.0	10.9	#DIV/0!	0.1	0.1	0.9	0.0	26.9	0.4	0.1	1.1	8.8	0.3
Std	0.0	0.0	14.8	0.0	0.2	0.2	2.0	0.0	36.0	0.9	0.3	0.5	3.9	0.7

		Inorganics									Metals																						
		Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3)	Alkalinity (total) as CaCO3	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)	Aluminium	Aluminium (filtered)	Cadmium	Cadmium (filtered)	Calcium	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Cobalt (filtered)	Copper	Copper (filtered)	Iron	Iron (filtered)	Lead	Lead (filtered)	Magnesium	Manganese	Manganese (filtered)	Nickel	Nickel (filtered)	Potassium	Uranium	Uranium (filtered)	Zinc	Zinc (filtered)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L
EQL		20	10	20	20	1	0.5	5	5	1	0.05	0.05	0.0002	0.0002	0.5	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	0.001	0.001	0.5	0.005	0.005	0.001	0.001	0.5	5	5	0.005	0.005
WDL177-09 Trigger Values												0.15		0.0008			0.04		0.013		0.003				0.009			3.6		0.017					0.031
WDL177-09 Triple Trigger Values												0.45		0.003			0.12		0.039		0.009				0.027			10.8		0.051					0.093
Field ID	Date																																	
Site 2	01 May 2023	51	<10	<20	51	2.4	5.4	120	160	<5	<0.05	<0.05	<0.0002	<0.0002	19	<0.001	<0.001	0.002	0.002	0.008	0.008	<0.05	<0.05	0.002	0.002	27	0.032	0.03	0.003	0.003	1.4	<5	<5	<0.005	<0.005
Site2	04 May 2023	45	<10	<20	45	2	4.7	190	170	<5	<0.05	<0.05	<0.0002	<0.0002	19	<0.001	<0.001	0.002	<0.001	0.011	0.007	<0.05	<0.05	0.002	<0.001	29	0.026	<0.005	0.004	0.003	0.7	<5	<5	<0.005	<0.005
Site 2	17 May 2023	54	<10	<20	54	2.8	5.3	140	190	<5	<0.05	<0.05	<0.0002	<0.0002	20	<0.001	<0.001	0.002	0.001	0.012	0.01	<0.05	<0.05	0.002	<0.001	34	0.019	<0.005	0.004	0.004	0.8	<5	<5	0.008	0.007
Site2	29 May 2023	53	<10	<20	53	3.8	6.1	140	180	<5	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.002	0.001	0.011	0.009	<0.05	<0.05	0.001	<0.001	32	0.019	<0.005	0.005	0.004	1	<5	<5	0.01	0.01
Site2	12 Jun 2023	62	<20	<20	62	4.5	5.4	140	190	<5	<0.05	<0.05	<0.0002	<0.0002	20	<0.001	<0.001	0.003	0.001	0.011	0.007	<0.05	<0.05	0.001	<0.001	35	0.039	<0.005	0.005	0.005	0.8	<5	<5	0.009	0.006
Site 2	03 Jul 2023	84	<10	<20	84	3.8	5.9	160	210	<5	<0.05	<0.05	<0.0002	<0.0002	21	<0.001	<0.001	0.001	<0.001	0.01	0.007	<0.05	<0.05	0.001	<0.001	39	0.034	<0.005	0.004	0.003	0.9	<5	<5	0.005	<0.005
Site 2	17 Jul 2023	63	160	<20	230	3.9	6.3	150	210	<5	<0.05	<0.05	<0.0002	<0.0002	21	<0.001	<0.001	0.0016	<0.001	0.012	0.0079	<0.05	<0.05	0.0017	<0.001	38	0.027	<0.005	0.0038	0.0033	0.9	<5	<5	<0.005	<0.005
Site2	31 Jul 2023	71	<10	<20	71	4.4	6.6	160	220	<5	<0.05	<0.05	<0.0002	<0.0002	22	<0.001	<0.001	0.001	<0.001	0.009	0.008	<0.05	<0.05	0.001	<0.001	41	0.014	<0.005	0.004	0.003	1	<5	<5	<0.005	<0.005
Site2	14 Aug 2023	71	<10	<20	71	3.7	6.6	180	240	<5	<0.05	<0.05	<0.0002	<0.0002	23	<0.001	<0.001	0.007	<0.001	0.012	0.007	<0.05	<0.05	0.002	<0.001	45	0.031	<0.005	0.008	0.003	1	<5	<5	0.014	<0.005
Site2	27 Aug 2023	76	<20	<20	76	3.8	6.9	190	230	<5	<0.05	<0.05	<0.0002	<0.0002	22	<0.001	<0.001	0.0034	0.002	0.013	0.009	<0.05	<0.05	0.002	<0.001	43	0.026	0.007	0.0045	0.004	1	<5	<5	0.0079	<0.005
Site2	27 Aug 2023	85	<20	<20	85	3.9	7.1	200	240	<5	<0.05	<0.05	<0.0002	<0.0002	22	<0.001	<0.001	0.0067	0.002	0.021	0.009	<0.05	<0.05	0.0023	<0.001	44	0.033	0.007	0.006	0.004	1	<5	<5	0.0068	<0.005
Site2	11 Sep 2023	85	<20	<20	85	3.9	7.8	200	260	8	<0.05	<0.05	<0.0002	<0.0002	23	<0.001	<0.001	0.002	<0.001	0.011	0.008	<0.05	<0.05	0.002	<0.001	48	0.031	<0.005	0.004	0.003	0.9	<5	<5	<0.005	<0.005
Site2	11 Sep 2023	100	<20	<20	100	3.9	8.3	200	270	7	<0.05	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.002	<0.001	0.011	0.008	<0.05	<0.05	0.002	<0.001	51	0.033	<0.005	0.004	0.003	0.9	<5	<5	0.006	<0.005
SITE2	25 Sep 2023	83	<20	<20	83	5.5	8.2	210	300	<5	<0.05	<0.05	<0.0002	<0.0002	27	<0.001	<0.001	0.003	<0.001	0.017	0.0091	<0.05	<0.05	0.003	<0.001	56	0.049	0.0082	0.005	0.0038	1	<5	<5	0.009	<0.005
SITE2	25 Seo 2023	85	<20	<20	85	5.6	8.5	210	300	<5	<0.05	<0.05	<0.0002	<0.0002	28	<0.001	<0.001	0.003	0.0014	0.015	0.011	<0.05	<0.05	0.002	<0.001	57	0.047	0.0096	0.004	0.004	1	<5	<5	0.006	0.0061
Site2	23 Oct 2023	83	<20	<20	83	5.4	9.4	240	280	<5	<0.5	<0.05	<0.0002	<0.0002	26	<0.001	<0.001	0.0051	0.0016	0.019	0.0081	0.055	<0.05	0.0057	0.001	53	0.076	0.021	0.0057	0.0049	1	<5	<5	0.0076	<0.005
Site2	23 Oct 2023	86	<20	<20	86	5.9	9.1	240	280	<5	<0.5	<0.05	<0.0002	<0.0002	25	<0.001	<0.001	0.0054	0.0017	0.02	0.0085	0.054	<0.05	0.0057	0.0012	53	0.08	0.022	0.006	0.0049	1	<5	<5	0.0075	<0.005
Site2	30 Oct 2023	84	<20	<20	84	5.8	8.3	240	290	<5	<0.5	<0.05	<0.0002	<0.0002	26	<0.001	<0.001	0.0036	0.0014	0.016	0.0091	<0.05	<0.05	0.0044	<0.001	54	0.076	0.03	0.0054	0.0054	1	<5	<5	0.0061	0.0053
Site2	30 Oct 2023	90	<20	<20	90	5.5	8.4	240	290	5.5	<0.5	<0.05	<0.0002	<0.0002	26	<0.001	<0.001	0.0054	0.0017	0.019	0.0096	<0.05	<0.05	0.0038	<0.001	54	0.073	0.029	0.0058	0.0051	1	<5	<5	0.0067	0.005
Site2	06 Nov 2023	90	<20	<20	90	6.9	8.7	250	310	<5	<0.05	<0.05	<0.0002	<0.0002	29	<0.001	<0.001	0.005	<0.001	0.019	0.008	0.07	<0.05	0.006	<0.001	59	0.12	0.015	0.006	0.004	1	<5	<5	0.007	<0.005
Site2	06 Nov 2023	100	<20	<20	100	35	8.4	1,200	300	<5	<0.05	<0.05	<0.0002	<0.0002	28	<0.001	<0.001	0.005	<0.001	0.02	0.009	0.06	<0.05	0.006	0.001	57	0.13	0.015	0.006	0.004	1	<5	<5	0.008	<0.005
Site2	13 Nov 2023	110	<20	<20	110	5.6	7.9	250	280	12	<0.05	<0.05	<0.0002	<0.0002	26	<0.001	<0.001	0.003	<0.001	0.015	0.007	<0.05	<0.05	0.003	<0.001	53	0.056	<0.005	0.005	0.004	1	<5	<5	0.006	<0.005
Site2	20 Nov 2023	120	<20	<20	120	5.9	8.9	240	300	5	<0.05	<0.05	<0.0002	<0.0002	28	<0.001	<0.001	0.003	<0.001	0.014	0.008	<0.05	<0.05	0.004	<0.001	56	0.073	<0.005	0.005	0.003	1.1	<5	<5	0.006	<0.005
SITE 2	27 Nov 2023	96	<20	<20	96	5.4	8.2	220	270	<5	<0.05	<0.05	<0.0002	<0.0002	25	<0.001	<0.001	0.0034	<0.001	0.014	0.0063	<0.05	<0.05	<0.001	<0.001	51	0.093	0.015	0.0051	0.004	1.1	<5	<5	0.006	<0.005
SITE 2	04 Dec 2023	140	<20	<20	140	5.5	8.8	230	300	<5	<0.05	<0.05	<0.0002	<0.0002	27	<0.001	<0.001	0.0034	<0.001	0.014	0.0069	<0.05	<0.05	0.0041	<0.001	57	0.091	0.011	0.0053	0.004	1.2	<5	<5	0.0053	<0.005
SITE2	11 Dec 2023	120	<20	<20	120	5.6	9.7	220	320	<5	<0.05	<0.05	<0.0002	<0.0002	30	<0.001	<0.001	0.003	<0.001	0.014	0.007	<0.05	<0.05	0.004	<0.001	60	0.064	0.018	0.006	0.004	1.3	<5	<5	0.006	<0.005
SITE2	18 Dec 2023	100	<10	<20	100	4.7	7.4	200	260	<5	<0.05	<0.05	<0.0002	<0.0002	23	<0.001	<0.001	0.003	<0.001	0.014	0.008	0.05	<0.05	0.004	<0.001	49	0.11	0.05	0.005	0.005	1.2	<5	<5	0.008	0.006
SITE2	31 Dec 2023	90	<10	<20	90	4.6	7.4	190	260	<5	<0.05	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.003	0.001	0.011	0.008	<0.05	<0.05	0.002	<0.001	48	0.16	0.1	0.006	0.005	1.2	<5	<5	<0.005	<0.005
SITE2	08 Jan 2024	500	<20	<20	500	5	7.7	190	250	<5	<0.05	<0.05	<0.0002	<0.0002	23	<0.001	<0.001	0.005	0.002	0.015	0.007	0.09	<0.05	0.005	<0.001	47	0.14	0.098	0.007	0.006	1.2	<5	<5	0.011	0.011
SITE2	12 Jan 2024	79	<20	<20	79	4.8	8.2	180	260	5	<0.05	<0.05	<0.0002	<0.0002	23	<0.001	<0.001	0.005	0.002	0.016	0.006	0.06	<0.05	0.006	<0.001	48	0.11	0.064	0.007	0.005	1.2	<5	<5	0.008	<0.005
SITE2	15 Jan 2024	64	<10	<20	64	4.1	7.3	160	240	<5	0.001	<0.001	<0.0002	<0.0002	23	<0.001	<0.001	0.005	0.001	0.016	0.007	0.07	<0.05	0.008	<0.001	44	0.1	0.05	0.006	0.006	1.2	<5	<5	0.007	<0.005
SITE2	22 Jan 2024	32	<20	<20	32	3.2	7	130	170	<5	<0.05	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.004	<0.001	0.014	0.005	0.06	<0.05	0.006	<0.001	26	0.072	0.019	0.008	0.007	1.2	<5	<5	0.008	<0.005
SITE2	30 Jan 2024	320	<20	<20	320	2.3	3.2	80	110	<5	0.1	<0.05	<0.0002	<0.0002	15	<0.001	<0.001	0.011	0.002	0.017	0.006	0.22	<0.05	0.015	<0.001	17	0.18	0.11	0.013	0.012	0.7	<5	<5	0.021	0.016
SITE2	05 Feb 2024	35	<20	<20	35	3.9	2.6	80	100	<5	<0.05	<0.05	<0.0002	<0.0002	15	<0.001	0.0013	0.004	0.0013	0.013	0.0053	0.052	<0.05	0.0045	<0.001	16	0.12	0.077	0.0081	0.0072	<2	<5	<5	0.0059	<0.005
SITE2	12 Feb 2024	57	<20	<20	57	2.6	3.9	90	140	<5	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.0034	0.0014	0.0047	0.0043	<0.05	<0.05	<0.001	<0.001	23	0.17	0.13	0.0081	0.0078	0.67	<5	<5	0.0054	<0.005
SITE2	19 Feb 2024	67	<20	<20	67	2.3	3.8	88	120	<5	<0.05	<0.05	<0.0002	<0.0002	15	<0.001	<0.001	0.009	0.004	0.017	0.005	0.09	<0.05	0.009	<0.001	20	0.26	0.2	0.012	0.01	0.7	<5	<5	0.009	
SITE2	26 Feb 2024	70	<20	<20	70	3	4.2	96	150	<5	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.0091	0.0039	0.018	0.0055	0.067	<0.05	0.0079	<0.001	26	0.24	0.17	0.0096	0.0074	0.7	<5	<5	0.0085	0.0052
SITE 2	04 Mar 2024	57	<10	<20	57	2.7	5.2	100	190	8	<0.05	<0.05	<0.0002	<0.0002	21	<0.001	<0.001	0.012	0.004	0.024	0.005	0.09	<0.05	0.013	<0.001	32	0.25	0.14	0.01	0.006	0.7	<5	<5	0.011	0.011
SITE 2	11 Mar 2024	54	<10	<20	54	9.2	4.3	110	160	<5	<0.05	<0.05	<0.0002	<0.0002	17	<0.001	<0.001	0.011	<0.001	0.022	0.0045	0.083	<0.05	0.012	<0.001	28	0.16	0.0072	0.0086	0.0049	0.55	<5	<5	0.013	<0.005
SITE2	18 Mar 2024	62	<10	<20	62	4	4.7	110	160	<5	<0.05	<0.05	<0.0002	<0.0002	19	<0.001	<0.001	0.005	<0.001	0.015	0.005	0.07	<0.05	0.007	<0.001	27	0.058	<0.005	0.006	0.004	0.8	<5	<5	0.01	<0.005
SITE2	25 Mar 2024	190	<20	<20	190	2.7	4.8	100	130	<5	<0.05	<0.05	<0.0002	<0.0002	16	<0.001	<0.001	0.005	<0.001	0.015	0.005	0.06	<0.05	0.007	<0.001	22	0.057	<0.005	0.006	0.004	0.6	<5	<5	0.006	<0.005
SITE2	01 Apr 2024	130	<20	<20	130	9.4	3.8	110	370	<5	<0.05	<0.05	<0.0002	<0.0002	28	<0.001	<0.001	0.004	0.001	0.014	0.006	0.05	<0.05	0.005	<0.001	73	0.05	0.02	0.006	0.005	1.5	<5	<5	<0.005	<0.005
SITE2	08 Apr 2024	130	<20	<20	130	3.1	4.2	120	160	<5	<0.05	<0.05	<0.0002	<0.0002	16	<0.001	<0.001	0.003	<0.001	0.013	0.005	<0.05	<0.05	0.004	<0.001	28	0.034	<0.005	0.005	0.003	0.6	<5	<5	<0.005	<0.005
SITE2	15 Apr 2024	350	<20	<20	350	2.9	4.4	130	170	<5	<0.05	<0.05	<0.0002	<0.0002	16	<0.001	<0.001	0.002	<0.001	0.009	0.005	<0.05	<0.05	0.002	<0.001	32	0.022	<0.005	0.003	0.002	0.6	<5	<5	<0.005	<0.005
SITE 2	18 Apr 2024	2,300	<20	<20	2,300	3.5	4.7	130	180	<5	<0.05	<0.05	<0.0002	<0.0002	15	<0.001	<0.001	0.003	<0.001	0.011	0.006	<0.05	<0.05	0.003	<0.001	34	0.033	0.006	0.005	0.004	0.7	<5	<5	0.005	<0.005
SITE2	22 Apr 2024	320	<20	<20	320	5.1	5.9	130	210	<5	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.002	<0.001	0.009	0.004	<0.05	<0.05	0.003	<0.001	39	0.023	<0.005	0.005	0.004	1	<5	<5	<0.005	<0.005
SITE2	27 Aor 2024	99	<20	<20	99	3.7	5.2	140	180	<5	<0.05	<0.05	<0.0002	<0.0002	14	<0.001	<0.001	0.003	<0.001	0.012	0.005	<0.05	<0.05	0.003	<0.001	37	0.047	<0.005	0.006	0.005	0.7	<5	<5	0.006	<0.005
SITE2	30 Aor 2024	110	<20	<20	110	3.6	4.9	140	190	5	<0.05	<0.05	<0.0002	<0.0002	14	<0.001	<0.001	0.003	<0.001	0.012	0.006	<0.05	<0.05	0.003	<0.001	37	0.043	<0.005	0.007	0.005	0.7	<5	<5	0.007	<0.005

Site 2	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)	Site 2	Aluminium (filtered)	Cadmium (filtered)	Calcium	Chromium (III+VI) (filtered)	Cobalt (filtered)	Copper (filtered)	Iron (filtered)	Lead (filtered)	Magnesium	Manganese (filtered)	Nickel (filtered)	Potassium	Uranium (filtered)	Zinc (filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L		mg/L													
Min	2.0	2.6	80.0	100.0	<5	Min	0.000	0.000	14.000	0.001	0.001	0.004	0.000	0.001	16.000	0.006	0.002	0.550	0.000	0.005
Max	35.0	9.7	1200.0	370.0	12.0	Max	0.000	0.000	30.000	0.001	0.004	0.013	0.000	0.002	73.000	0.200	0.012	1.500	0.000	0.016
Avg	5.0	6.3	186.8	224.0	<5	Avg	0.000	0.000	21.667	0.001	0.002	0.007	#DIV/0!	0.000	41.229	0.051	0.005	0.945	0.000	0.008
Stdev	4.7	1.9	158.0	64.0	0.0	Stdev	0.000	0.000	4.521	#DIV/0!	0.001	0.002	#DIV/0!	0.000	13.254	0.054	0.002	0.225	0.000	0.004

		Inorganics									Metals																											
		Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)	Aluminium	Aluminium (filtered)	Cadmium	Cadmium (Filtered)	Calcium	Chromium (tri-VI)	Chromium (tri-VI) (Filtered)	Cobalt	Cobalt (filtered)	Copper	Copper (filtered)	Iron	Iron (Filtered)	Lead	Lead (filtered)	Magnesium	Manganese	Manganese (filtered)	Nickel	Nickel (filtered)	Potassium	Uranium	Uranium (Filtered)	Zinc	Zinc (Filtered)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L
EQL		20	10	20	20	1	0.5	5	5	1	0.05	0.05	0.0002	0.0002	0.5	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	0.001	0.001	0.5	0.005	0.005	0.001	0.001	0.5	5	5	0.005	0.005
Field ID	Date																																				
Site 4	01 May 2023	<20	<10	<20	<20	1.3	2.3	<5	<5	<5	0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.26	0.1	<0.001	<0.001	0.8	0.007	0.005	<0.001	<0.001	0.8	<5	<5	<0.005	<0.005
Site 4	04 May 2023	<20	<10	<20	<20	2.3	2.4	<5	<5	<5	0.07	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.28	0.12	<0.001	<0.001	0.8	0.006	0.005	<0.001	<0.001	0.9	<5	<5	<0.005	<0.005
Site 4	17 May 2023	<20	<10	<20	<20	1.6	2.8	<5	5.3	<5	0.06	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.002	0.35	0.14	<0.001	<0.001	1.1	0.01	0.009	<0.001	<0.001	0.9	<5	<5	<0.005	<0.005
Site4	29 May 2023	<20	<10	<20	<20	1.6	3.6	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.002	0.57	0.24	0.001	0.001	1.3	0.022	0.016	<0.001	<0.001	1.1	<5	<5	<0.005	<0.005
SITE4	18 Dec 2023	<20	<10	<20	<20	4.5	3.3	<5	11	11	0.39	0.14	<0.0002	<0.0002	0.8	0.001	<0.001	0.002	0.002	0.005	0.004	1	0.31	0.001	<0.001	2.3	0.13	0.12	0.001	<0.001	2.1	<5	<5	0.006	0.005
SITE4	08 Jan 2024	<20	<20	<20	<20	5.4	3.6	<5	6.6	6.3	0.24	0.08	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.003	0.003	1.1	0.33	0.001	<0.001	1.3	0.055	0.05	<0.001	<0.001	1.4	<5	<5	0.014	0.014
SITE4	12 Jan 2024	<20	<20	<20	<20	2.3	1.7	<5	<5	11	0.37	0.1	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.003	0.002	0.39	0.1	<0.001	<0.001	0.7	0.013	0.01	<0.001	<0.001	1	<5	<5	<0.005	<0.005
SITE4	15 Jan 2024	<20	<10	<20	<20	2	1.7	7	<5	11	<0.001	<0.001	<0.0002	<0.0002	<0.5	0.002	<0.001	<0.001	<0.001	0.003	0.002	0.38	0.08	0.001	<0.001	0.6	0.011	<0.005	0.001	<0.001	0.9	<5	<5	0.012	<0.005
SITE4	22 Jan 2024	<20	<20	<20	<20	2.3	3.2	<5	<5	<5	0.11	0.07	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.32	0.11	<0.001	<0.001	0.8	0.013	0.011	<0.001	<0.001	1.1	<5	<5	<0.005	<0.005
SITE4	22 Jan 2024	<20	<20	<20	<20	2.3	3.2	<5	<5	<5	0.11	0.07	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.32	0.11	<0.001	<0.001	0.8	0.013	0.011	<0.001	<0.001	1.1	<5	<5	<0.005	<0.005
SITE4	30 Jan 2024	<20	<20	<20	<20	1.9	1.6	<5	<5	<5	0.16	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.23	0.09	<0.001	<0.001	0.5	0.01	0.009	<0.001	<0.001	0.8	<5	<5	<0.005	<0.005
SITE4	05 Feb 2024	<20	<20	<20	<20	1.8	2.5	<5	<5	<5	0.075	0.056	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.0014	0.0014	0.2	0.086	<0.001	<0.001	0.6	0.0078	0.0062	<0.001	<0.001	0.7	<5	<5	<0.005	<0.005
SITE4	12 Feb 2024	<20	<20	<20	<20	2.1	2.2	<5	<5	<5	0.075	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.0016	0.0016	0.19	0.084	<0.001	<0.001	0.66	0.0052	<0.005	<0.001	<0.001	0.8	<5	<5	0.0059	<0.005
SITE4	19 Feb 2024	<20	<20	<20	<20	2.4	1.9	<5	<5	<5	0.06	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.23	0.1	<0.001	<0.001	0.6	0.008	0.008	<0.001	<0.001	0.7	<5	<5	<0.005	
SITE4	26 Feb 2024	<20	<20	<20	<20	2.7	2.4	<5	<5	<5	0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.2	0.066	<0.001	<0.001	0.66	0.0054	<0.005	<0.001	<0.001	0.68	<5	<5	<0.005	<0.005
SITE 4	04 Mar 2024	<20	<10	<20	<20	2.4	2.5	<5	<5	7	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.19	0.08	<0.001	<0.001	0.7	<0.005	<0.005	<0.001	<0.001	0.9	<5	<5	<0.005	<0.005
SITE 4	11 Mar 2024	<20	<10	<20	<20	1.5	1.5	<5	<5	<5	0.052	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.15	0.073	<0.001	<0.001	0.53	<0.005	<0.005	<0.001	<0.001	0.64	<5	<5	<0.005	<0.005
SITE4	18 Mar 2024	<20	<10	<20	<20	2.5	2.3	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.2	0.08	<0.001	<0.001	0.6	0.006	<0.005	<0.001	<0.001	0.8	<5	<5	<0.005	<0.005
SITE4	25 Mar 2024	<20	<20	<20	<20	1.7	2.2	<5	<5	<5	0.07	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.19	0.07	<0.001	<0.001	0.6	0.005	<0.005	<0.001	<0.001	0.6	<5	<5	<0.005	<0.005
SITE4	01 Apr 2024	23	<20	<20	23	2.9	2.3	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.18	0.06	<0.001	<0.001	0.6	<0.005	<0.005	<0.001	<0.001	1	<5	<5	<0.005	<0.005
SITE4	08 Apr 2024	50	<20	<20	50	1.5	1.9	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.2	0.06	<0.001	<0.001	0.6	0.006	<0.005	<0.001	<0.001	0.7	<5	<5	<0.005	<0.005
SITE4	15 Apr 2024	110	<20	<20	110	1.8	2	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.22	0.07	<0.001	<0.001	0.6	0.007	0.005	<0.001	<0.001	0.8	<5	<5	<0.005	<0.005
SITE4	18 Apr 2024	2,300	<20	<20	2,300	3.9	2.1	<5	<5	20	0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.24	0.07	<0.001	<0.001	0.8	0.009	0.006	<0.001	<0.001	1.2	<5	<5	<0.005	<0.005
SITE4	22 Apr 2024	20	<20	<20	20	2.7	2.8	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.3	0.1	<0.001	<0.001	0.8	0.01	0.007	<0.001	<0.001	1	<5	<5	<0.005	<0.005
SITE4	27 Apr 2024	<20	<20	<20	<20	2.6	2.4	<5	<5	<5	0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.48	0.15	<0.001	<0.001	0.9	0.017	0.014	<0.001	<0.001	0.9	<5	<5	<0.005	<0.005
SITE4	30 Apr 2024	23	<20	<20	23	2.2	2.2	<5	<5	<5	0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.57	0.19	<0.001	<0.001	0.9	0.019	0.015	<0.001	<0.001	0.9	<5	<5	<0.005	<0.005

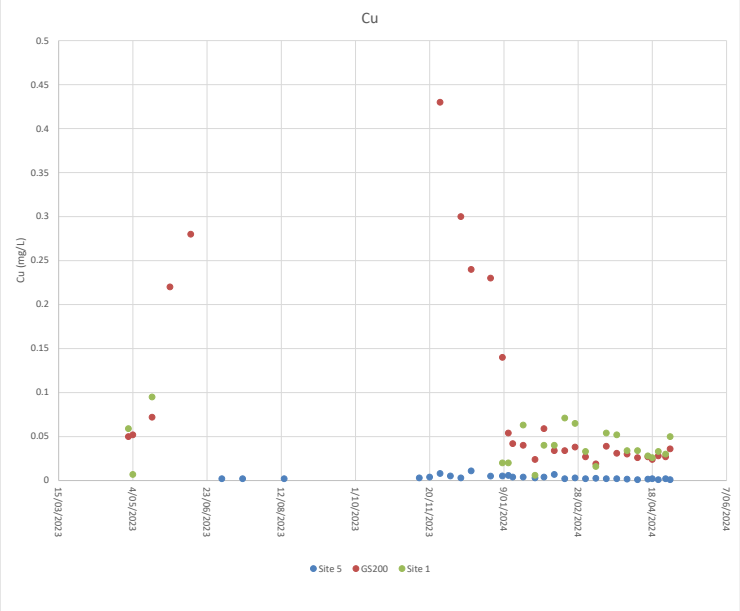
Site 4	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)	Site 4	Aluminium (filtered)	Cadmium (filtered)	Calcium	Chromium (tri-VI) (filtered)	Cobalt (Filtered)	Copper (filtered)	Iron (filtered)	Lead (filtered)	Magnesium	Manganese (filtered)	Nickel (filtered)	Potassium	Uranium (filtered)	Zinc (filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L		mg/L													
Min	1.3	1.5	7.0	5.3	6.3	Min	0.056	0.000	0.800	0.000	0.002	0.001	0.060	0.001	0.500	0.005	0.000	0.600	0.000	0.005
Max	5.4	3.6	7.0	11.0	20.0	Max	0.140	0.000	0.800	0.000	0.002	0.004	0.330	0.001	2.300	0.120	0.000	2.100	0.000	0.014
Ave	2.4	2.4	7.0	7.6	11.0	Ave	0.086	0.000	0.800	0.000	0.002	0.002	0.119	0.000	0.815	0.020	0.000	0.947	0.000	0.010
Stdev	0.9	0.6	#DIV/0!	3.0	5.0	Stdev	0.030	0.000	#DIV/0!	0.000	0.000	0.001	0.075	0.000	0.384	0.030	0.000	0.312	0.000	0.000

		Inorganics									Metals																									
		Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)	Aluminium	Aluminium (filtered)	Cadmium	Cadmium (filtered)	Calcium	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Cobalt (filtered)	Copper	Copper (filtered)	Iron	Iron (filtered)	Lead	Lead (filtered)	Magnesium	Manganese	Manganese (filtered)	Nickel	Nickel (filtered)	Potassium	Uranium	Uranium (filtered)	Zinc	Zinc (filtered)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L
EQL		20	10	20	20	1	0.5	5	5	1	0.05	0.05	0.0002	0.0002	0.5	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	0.001	0.001	0.5	0.005	0.005	0.001	0.001	0.5	5	5	0.005	0.005
Field ID	**Date**																																			
Treat01	**01 May 2023**	39	16	<20	56	2.7	4.7	120	160	<5	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	0.002	<0.001	0.01	0.002	<0.05	<0.05	0.003	<0.001	33	0.023	<0.005	0.007	0.003	1.3	<5	<5	0.012	<0.005
Treat01	**04 May 2023**	49	<10	<20	49	3.9	4.2	160	180	<5	3.7	<0.05	0.0026	<0.0002	11	<0.001	<0.001	0.58	<0.001	1.4	0.003	1.5	<0.05	0.004	<0.001	36	0.9	<0.005	0.65	0.004	0.8	110	<5	0.84	<0.005
Treat01	**17 May 2023**	37	22	<20	59	3.2	4.3	150	190	<5	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	0.001	<0.001	0.004	0.002	<0.05	<0.05	<0.001	<0.001	39	0.013	<0.005	0.003	0.002	1.2	<5	<5	0.006	<0.005
TREAT01	**12 Jun 2023**	38	24	<20	63	5.1	5.2	180	230	5.5	<0.05	<0.05	<0.0002	<0.0002	14	<0.001	<0.001	0.002	<0.001	0.006	0.003	<0.05	<0.05	0.002	<0.001	48	0.01	<0.005	0.005	0.003	0.8	<5	<5	0.008	<0.005
Treat01	**31 Jul 2023**	68	<10	<20	68	3.2	4.4	140	200	<5	<0.05	<0.05	<0.0002	<0.0002	17	<0.001	<0.001	0.002	0.002	0.013	0.009	<0.05	<0.05	0.002	<0.001	39	0.036	0.025	0.006	0.005	1	<5	<5	0.009	0.008
TREAT01	**25 Sep 2023**	54	<20	<20	65	5.9	7	240	300	<5	<0.05	<0.05	<0.0002	<0.0002	12	<0.001	<0.001	<0.001	<0.001	0.004	0.002	<0.05	<0.05	<0.001	<0.001	65	<0.005	<0.005	0.002	0.0012	1	<5	<5	<0.005	<0.005
Treat01	**14 Aug 2023**	36	30	<20	65	4.1	6	230	280	11	<0.05	<0.05	<0.0002	<0.0002	14	<0.001	<0.001	0.001	0.001	0.004	0.002	<0.05	<0.05	0.002	<0.001	59	<0.005	<0.005	0.004	0.003	0.9	<5	<5	0.009	<0.005
Treat01	**30 Oct 2023**	49	26	<20	75	5.7	6.9	270	280	7.9	<0.5	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	<0.001	<0.001	0.0023	0.0017	<0.05	<0.05	<0.001	<0.001	62	<0.005	<0.005	0.0021	0.0015	1	<5	<5	<0.005	<0.005
TREAT01	**15 Jan 2024**	31	<10	<20	31	3	3.7	210	220	8.6	<0.001	<0.001	<0.0002	<0.0002	40	<0.001	<0.001	0.063	0.004	0.56	0.006	<0.05	<0.05	0.029	0.003	28	0.054	<0.005	0.042	0.003	0.9	<5	<5	0.03	<0.005
TREAT01	**22 Jan 2024**	<20	23	<20	42	2.7	3.9	100	130	8.2	0.06	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.053	0.001	0.47	0.009	<0.05	<0.05	0.051	0.019	18	0.061	<0.005	0.035	0.001	1	<5	<5	0.02	<0.005
TREAT01	**30 Jan 2024**	32	26	<20	59	2.6	2.9	91	140	5.8	<0.05	<0.05	<0.0002	<0.0002	17	0.002	0.002	0.013	<0.001	0.046	0.002	<0.05	<0.05	0.029	0.004	23	0.058	<0.005	0.011	0.001	0.7	<5	<5	0.019	<0.005
TREAT01	**05 Feb 2024**	28	<20	<20	45	2.1	1.9	74	99	9.8	0.16	0.059	0.00028	<0.0002	16	<0.001	<0.001	0.063	0.0015	0.4	0.0064	<0.05	<0.05	0.12	0.055	14	0.1	<0.005	0.048	0.0017	<2	<5	<5	0.065	<0.005
TREAT01	**12 Feb 2024**	<20	61	<20	79	2.8	3.3	92	150	7.9	<0.05	<0.05	<0.0002	<0.0002	16	<0.001	<0.001	0.019	<0.001	0.08	0.0016	<0.05	<0.05	0.021	<0.001	27	0.099	<0.005	0.017	<0.001	0.73	<5	<5	0.038	<0.005
TREAT01	**19 Feb 2024**	43	33	<20	77	2.6	2.6	74	120	12	<0.05	<0.05	<0.0002	<0.0002	15	<0.001	<0.001	0.025	<0.001	0.14	0.003	<0.05	<0.05	0.036	0.004	20	0.075	<0.005	0.021	0.002	0.6	<5	<5	0.028	
TREAT01	**26 Feb 2024**	31	75	<20	110	3.5	4	100	180	11	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.0035	<0.001	0.017	0.0027	<0.05	<0.05	0.0076	<0.001	33	0.093	<0.005	0.013	0.0025	0.76	<5	<5	0.019	<0.005
TREAT01	**04 Mar 2024**	50	50	<20	100	2.9	4.7	110	200	8	<0.05	<0.05	<0.0002	<0.0002	19	<0.001	<0.001	0.002	<0.001	0.012	0.002	<0.05	<0.05	0.004	<0.001	38	0.031	<0.005	0.01	0.004	0.7	<5	<5	0.017	<0.005
TREAT01	**11 Mar 2024**	55	<10	<20	62	3.2	2.7	84	140	16	<0.05	<0.05	<0.0002	<0.0002	17	0.0018	<0.001	0.018	<0.001	0.057	0.0031	0.055	<0.05	0.031	0.0023	23	0.07	<0.005	0.015	0.0012	0.57	<5	<5	0.024	<0.005
TREAT01	**18 Mar 2024**	<20	57	<20	74	24	3.8	120	170	14	<0.05	<0.05	<0.0002	<0.0002	21	<0.001	<0.001	0.052	0.002	0.45	0.008	<0.05	<0.05	0.036	0.007	29	0.052	<0.005	0.035	0.002	0.8	<5	<5	0.02	<0.005
TREAT01	**25 Mar 2024**	240	<20	<20	240	3.1	4.1	110	140	12	0.08	<0.05	<0.0002	<0.0002	14	<0.001	<0.001	0.011	<0.001	0.01	0.001	<0.05	<0.05	0.006	<0.001	26	0.06	<0.005	0.01	0.002	0.6	<5	<5	0.011	<0.005
TREAT01	**08 Apr 2024**	180	<20	<20	180	3.2	3.9	50	170	<5	<0.05	<0.05	<0.0002	<0.0002	13	<0.001	<0.001	0.002	<0.001	0.012	0.002	<0.05	<0.05	0.006	<0.001	34	0.087	0.006	0.008	0.002	0.7	<5	<5	0.018	<0.005
TREAT01	**15 Apr 2024**	<20	<20	140	140	3.1	4.2	130	170	<5	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	<0.001	<0.001	0.007	0.002	<0.05	<0.05	0.002	<0.001	36	0.037	<0.005	0.004	0.001	0.7	<5	<5	0.008	<0.005
TREAT01	**22 Apr 2024**	<20	270	2,200	2,400	5.7	5.2	97	200	5	<0.05	<0.05	<0.0002	<0.0002	12	<0.001	<0.001	0.002	<0.001	0.006	<0.001	<0.05	<0.05	0.003	<0.001	42	0.065	<0.005	0.006	0.001	1	<5	<5	0.01	<0.005
TREAT01	**27 Apr 2024**	40	70	<20	110	3.7	4.4	140	180	6	<0.05	<0.05	<0.0002	<0.0002	8.9	<0.001	<0.001	0.002	<0.001	0.007	0.001	<0.05	<0.05	0.002	<0.001	39	0.042	<0.005	0.004	0.001	0.7	<5	<5	0.006	<0.005
TREAT01	**30 Apr 2024**	<20	41	27	68	3.9	4.6	130	190	9	<0.05	<0.05	<0.0002	<0.0002	8.7	<0.001	<0.001	0.001	<0.001	0.005	0.002	<0.05	<0.05	0.002	<0.001	40	0.029	<0.005	0.004	0.001	0.7	<5	<5	0.006	<0.005

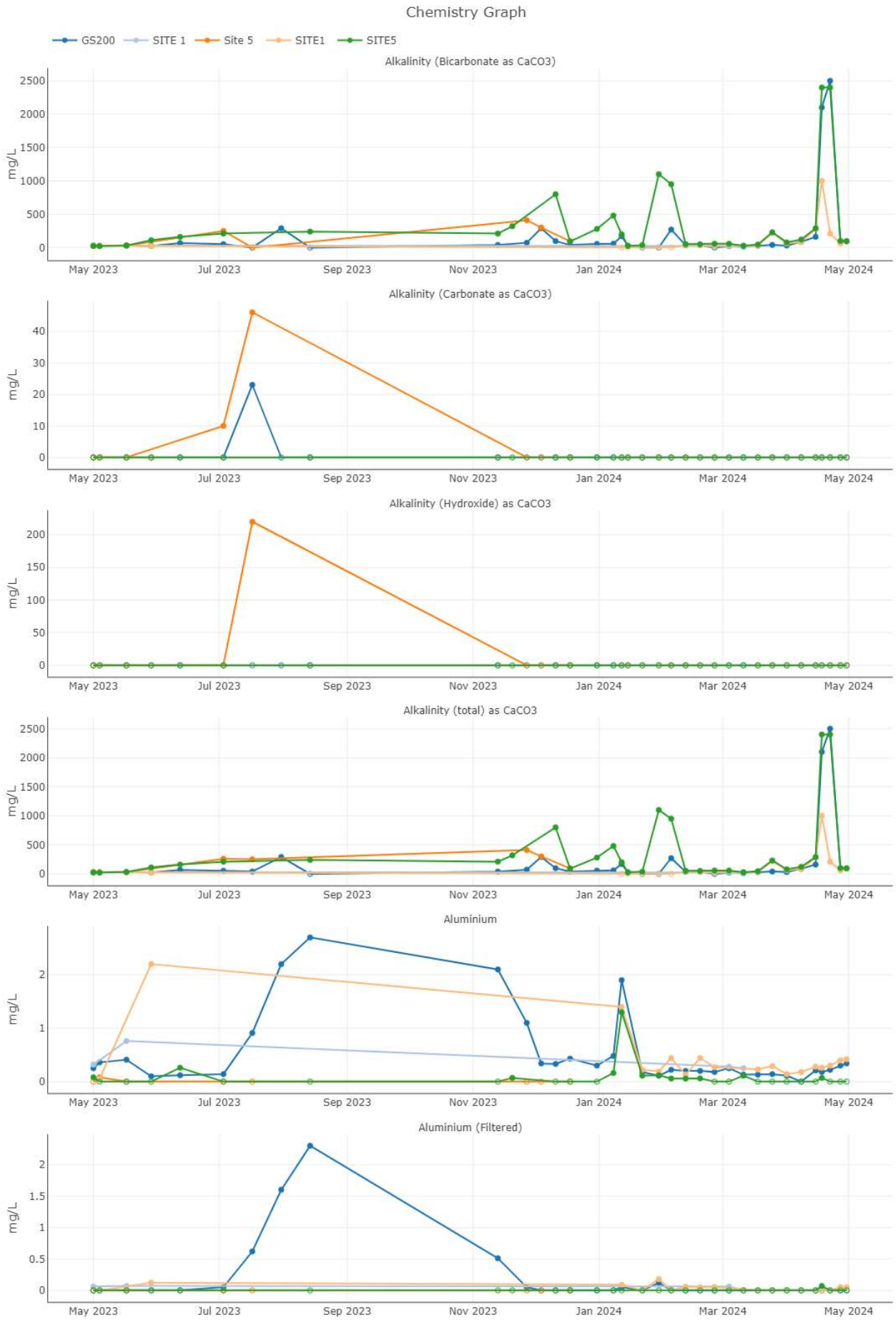
Treat01	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)	Treat01	Aluminium (filtered)	Cadmium (filtered)	Calcium	Chromium (III+VI) (filtered)	Cobalt (filtered)	Copper (filtered)	Iron (filtered)	Lead (filtered)	Magnesium	Manganese (filtered)	Nickel (filtered)	Potassium	Uranium (filtered)	Zinc (filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	mg/L
Min	2.1	1.9	50.0	99.0	5.0	Min	0.059	0.000	8.700	0.002	0.001	0.001	0.000	0.002	14.000	0.006	0.001	0.570	0.000	0.008
Max	24.0	7.0	270.0	300.0	16.0	Max	0.059	0.000	40.000	0.002	0.004	0.009	0.000	0.055	65.000	0.025	0.005	1.300	0.000	0.008
Avg	4.4	4.3	133.4	184.1	9.3	Avg	0.059	0.000	15.483	0.000	0.002	0.003	0.000	0.013	35.458	0.016	0.002	0.833	0.000	0.008
Stdev	4.3	1.2	56.5	50.5	3.1	Stdev	0.000	0.000	6.451	0.000	0.001	0.002	0.000	0.019	13.161	0.013	0.001	0.191	0.000	#DIV/0!

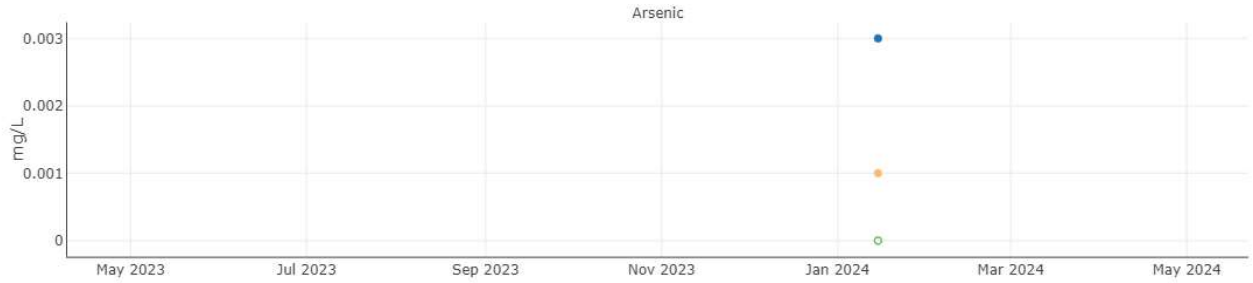
Discharging	Sampled 1 hour before discharge commenced	Inorganics									Metals																								
		Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (105)	Aluminium	Aluminium (filtered)	Cadmium	Cadmium (filtered)	Calcium	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Cobalt (filtered)	Copper	Copper (filtered)	Iron	Iron (filtered)	Lead	Lead (filtered)	Magnesium	Manganese	Manganese (filtered)	Nickel	Nickel (filtered)	Potassium	Uranium	Uranium (filtered)	Zinc	Zinc (filtered)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L
EQL		20	10	20	20	1	0.5	5	5	1	0.05	0.05	0.0002	0.0002	0.5	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	0.001	0.001	0.5	0.005	0.005	0.001	0.001	0.5	5	0.005	0.005
GS200	01 May 2023	28	<10	<20	28	1.7	3.5	87	100	<5	0.25	<0.05	0.0004	0.0004	8	0.001	<0.001	0.12	0.12	0.12	0.05	0.61	<0.05	<0.001	<0.001	19	0.3	0.23	0.095	0.084	0.7	7	<5	0.15	0.15
GS200	04 May 2023	26	<10	<20	26	3.7	3.7	170	130	<5	0.36	<0.05	0.0005	0.0004	10	<0.001	<0.001	0.1	0.1	0.14	0.052	0.62	<0.05	0.002	<0.001	25	0.31	0.31	0.14	0.087	0.9	9	<5	0.13	0.12
GS200	17 May 2023	32	<10	<20	32	2.1	4.7	270	330	5.5	0.41	<0.05	0.0012	0.001	27	<0.001	<0.001	0.38	0.22	0.19	0.072	1.1	<0.05	0.001	<0.001	63	1	0.9	0.34	0.32	1.2	12	6	0.63	0.62
GS200	29 May 2023	24	<10	<20	24	3.3	5.3	700	750	<5	0.1	<0.05	0.0039	0.0023	61	<0.001	<0.001	1.4	1.3	0.28	0.22	0.59	<0.05	0.001	<0.001	150	3.3	3.3	1.2	1	1.7	9	7	2.4	2.2
GS200	12 Jun 2023	68	<20	<20	68	4.4	6.8	950	1,100	7.7	0.12	<0.05	0.0058	0.0058	92	<0.001	<0.001	2.3	2.3	0.39	0.28	0.68	0.16	<0.001	<0.001	200	5.1	4.6	1.9	1.9	1.7	11	9	3.8	3.8
GS 200	17 Jul 2023	<20	23	<20	40	3.5	8.1	1,500	1,400	8.2	0.91	0.62	0.012	0.012	120	<0.001	<0.001	4.4	4.5	2	2	0.44	0.33	0.0044	0.0033	280	10	9.9	3.9	4	1.7	42	34	9.8	9.8
GS200	31 Jul 2023	290	<10	<20	290	3.3	8	1,800	1,800	20	2.2	1.6	0.016	0.015	140	<0.001	<0.001	6.2	5.8	2.6	2.4	0.81	0.63	0.008	0.007	340	11	11	5.5	5.1	1.8	70	57	11	11
GS200	14 Aug 2023	<20	<10	<20	<20	2.9	6.3	2,200	2,100	30	2.7	2.3	0.018	0.018	160	<0.001	<0.001	7.9	7	2.1	2.1	0.38	0.14	0.008	0.008	420	15	15	6.9	6	2	59	54	15	15
GS200	13 Nov 2023	39	<20	<20	39	11	21	2,100	1,700	37	2.1	0.51	0.018	0.017	140	<0.001	<0.001	8.1	7.9	2.6	2.1	1	0.05	0.017	0.005	340	15	15	6.8	6.7	<5	82	51	15	15
GS200	27 Nov 2023	72	<20	<20	72	8.2	17	700	810	14	1.1	0.05	0.0048	0.0048	80	<0.001	<0.001	2.1	2.1	0.7	0.43	0.33	<0.05	0.0047	<0.001	150	4.3	4.2	1.8	1.8	2.5	33	22	3.9	3.9
GS200	04 Dec 2023	290	<20	<20	290	6.7	18	980	1,000	7.3	0.34	<0.05	0.0069	0.0065	94	<0.001	<0.001	3.2	2.9	0.75	0.6	0.22	<0.05	0.0029	<0.001	200	7.4	7	2.7	2.4	2.6	40	31	5.9	5.6
GS200	11 Dec 2023	97	<20	<20	97	5.3	14	660	770	5.1	0.33	<0.05	0.0049	0.0044	75	<0.001	<0.001	1.9	1.7	0.43	0.3	0.26	<0.05	0.003	<0.001	140	5	4.4	1.5	1.4	2.6	24	18	3.2	3.1
GS200	18 Dec 2023	38	<10	<20	38	4.1	6.9	520	580	7.2	0.43	<0.05	0.0025	0.0023	50	<0.001	<0.001	0.78	0.68	0.38	0.24	0.35	<0.05	0.002	<0.001	110	2.6	2.3	0.65	0.57	2.6	25	14	1.2	1.1
GS200	31 Dec 2023	55	<10	<20	55	4.3	8.7	690	790	5	0.3	<0.05	0.0039	0.0039	69	<0.001	<0.001	1.5	1.5	0.36	0.23	0.35	<0.05	0.003	<0.001	150	4.5	4.5	1.3	1.3	2.9	22	17	2.6	2.6
GS200	08 Jan 2024	58	<20	<20	58	4	10	320	350	14	0.48	<0.05	0.0016	0.0016	35	<0.001	<0.001	0.56	0.56	0.38	0.14	1.4	<0.05	0.005	<0.001	63	1.7	1.7	0.47	0.47	2	12	9	0.93	0.93
GS200A - 1hr before disc	12 Jan 2024	<20	<20	<20	<20	2.7	2.9	27	40	110	1.2	0.05	<0.0002	<0.0002	3.9	0.002	<0.001	0.023	0.016	0.072	0.017	2.4	0.13	0.011	<0.001	7.4	0.12	0.1	0.021	0.014	1.2	6	<5	0.031	0.016
GS200	12 Jan 2024	170	<20	<20	170	4.3	4.7	240	260	110	1.9	<0.05	0.0008	0.0007	21	0.003	<0.001	0.2	0.2	0.2	0.054	3.9	<0.05	0.023	<0.001	50	0.89	0.84	0.17	0.16	1.6	9	<5	0.31	0.26
GS200	15 Jan 2024	26	<10	<20	26	2.6	5.1	250	250	200	0.003	<0.001	0.0007	0.0006	21	0.006	<0.001	0.2	0.16	0.26	0.042	7.3	<0.05	0.042	<0.001	48	0.91	0.7	0.17	0.13	1.7	13	<5	0.32	0.21
GS200	22 Jan 2024	<20	<20	<20	<20	6	4.5	73	82	<5	0.18	<0.05	<0.0002	<0.0002	8.5	<0.001	<0.001	0.035	0.035	0.065	0.04	0.3	<0.05	0.001	0.001	15	0.14	0.14	0.034	0.033	1.2	<5	<5	0.052	0.051
GS200	30 Jan 2024	<20	<20	<20	<20	2	2.5	46	56	<5	0.11	0.12	<0.0002	<0.0002	5.9	<0.001	<0.001	0.027	0.009	0.047	0.024	0.18	0.18	<0.001	<0.001	10	0.1	0.034	0.027	0.009	0.9	<5	<5	0.036	0.013
GS200	05 Feb 2024	270	<20	<20	270	2	2.2	65	65	5.6	0.22	<0.05	<0.0002	<0.0002	6	<0.001	<0.001	0.049	0.049	0.11	0.059	0.36	<0.05	<0.001	<0.001	12	0.17	0.17	0.046	0.046	<2	<5	<5	0.07	0.069
GS200	12 Feb 2024	35	<20	<20	35	2.2	3.1	47	72	<5	0.2	<0.05	<0.0002	<0.0002	6.2	<0.001	<0.001	0.036	0.034	0.067	0.034	0.43	<0.05	0.0015	<0.001	14	0.13	0.13	0.034	0.032	0.76	<5	<5	0.051	0.045
GS200	19 Feb 2024	37	<20	<20	37	2	2.4	36	50	<5	0.2	<0.05	<0.0002	<0.0002	4.7	<0.001	<0.001	0.032	0.03	0.075	0.044	0.39	0.05	0.001	<0.001	8.4	0.11	0.11	0.032	0.03	0.6	<5	<5	0.041	missing
GS200	26 Feb 2024	<20	<20	<20	<20	2.5	3.4	48	64	<5	0.18	<0.05	<0.0002	<0.0002	5.9	<0.001	<0.001	0.044	0.038	0.081	0.039	0.33	<0.05	<0.001	<0.001	12	0.15	0.13	0.041	0.035	0.67	<5	<5	0.06	0.05
GS200	04 Mar 2024	21	<10	<20	21	1.9	4.1	41	67	11	0.25	<0.05	<0.0002	<0.0002	6.3	<0.001	<0.001	0.035	0.031	0.059	0.027	0.47	<0.05	0.008	<0.001	12	0.14	0.12	0.035	0.03	0.8	<5	<5	0.045	0.038
GS200	11 Mar 2024	21	<10	<20	21	1.8	1.9	18	28	5.1	0.13	<0.05	<0.0002	<0.0002	2.5	<0.001	<0.001	0.013	0.012	0.031	0.019	0.29	0.1	<0.001	<0.001	5.4	0.052	0.046	0.012	0.012	0.59	<5	<5	0.018	0.016
GS200	18 Mar 2024	28	<10	<20	28	2.1	3.4	41	62	<5	0.13	<0.05	<0.0002	<0.0002	5.5	<0.001	<0.001	0.032	0.031	0.066	0.039	0.27	<0.05	<0.001	<0.001	12	0.11	0.1	0.031	0.029	0.8	<5	<5	0.044	0.04
GS200	25 Mar 2024	40	<20	<20	40	1.8	3.3	39	60	<5	0.14	<0.05	<0.0002	<0.0002	5.2	<0.001	<0.001	0.033	0.032	0.064	0.039	0.27	<0.05	<0.001	<0.001	9.1	0.12	0.11	0.033	0.031	0.6	<5	<5	0.042	0.039
GS200	01 Apr 2024	31	<20	<20	31	4.1	3.3	34	47	<5	0.11	<0.05	<0.0002	<0.0002	4.1	<0.001	<0.001	0.029	0.027	0.051	0.03	0.29	<0.05	<0.001	<0.001	9	0.1	0.093	0.028	0.026	1	<5	<5	0.035	0.032
GS200	08 Apr 2024	87	<20	<20	87	2.1	3	49	66	5.2	<0.05	<0.05	<0.0002	<0.0002	5.7	<0.001	<0.001	0.042	0.037	0.029	0.026	<0.05	<0.05	<0.001	<0.001	13	0.12	0.11	0.039	0.035	0.7	<5	<5	0.054	0.049
GS200	15 Apr 2024	160	<20	<20	160	1.9	3.2	76	88	<5	0.21	<0.05	<0.0002	<0.0002	7.2	<0.001	<0.001	0.072	0.065	0.075	0.027	0.53	<0.05	0.001	<0.001	17	0.2	0.19	0.065	0.058	0.8	6	<5	0.11	0.091
GS200	18 Apr 2024	1,200	<20	<20	1,200	3.5	3.2	40	58	9.6	0.14	<0.05	<0.0002	<0.0002	4.8	<0.001	<0.001	0.032	0.025	0.047	0.024	0.33	<0.05	<0.001	<0.001	11	0.15	0.12	0.031	0.024	1.6	<5	<5	0.034	0.026
GS200	18 Apr 2024	2,100	<20	<20	2,100	3.5	3	35	49	<5	0.18	<0.05	<0.0002	<0.0002	3.8	<0.001	<0.001	0.03	0.025	0.046	0.025	0.37	0.08	0.001	<0.001	9.6	0.14	0.12	0.029	0.023	1.8	<5	<5	0.034	0.026
GS200	22 Apr 2024	2,500	<20	<20	2,500	3.7	4.2	130	110	<5	0.22	<0.05	0.0003	0.0002	8.7	<0.001	<0.001	0.087	0.076	0.083	0.028	0.58	<0.05	<0.001	<0.001	20	0.24	0.21	0.078	0.068	1	6	<5	0.13	0.11
GS200	27 Apr 2024	91	<20	<20	91	2.6	3.9	89	110	8	0.3	<0.05	0.0004	0.0003	7.9	<0.001	<0.001	0.11	0.097	0.1	0.027	0.85	<0.05	0.002	<0.001	22	0.32	0.29	0.097	0.086	1	8	<5	0.16	0.13
GS200	30 Apr 2024	94	<20	<20	94	3.3	4	130	150	5	0.34	<0.05	0.0006	0.0005	10	<0.001	<0.001	0.17	0.15	0.13	0.036	0.95	<0.05	0.001	<0.001	29	0.44	0.4	0.15	0.13	1	9	<5	0.26	0.22

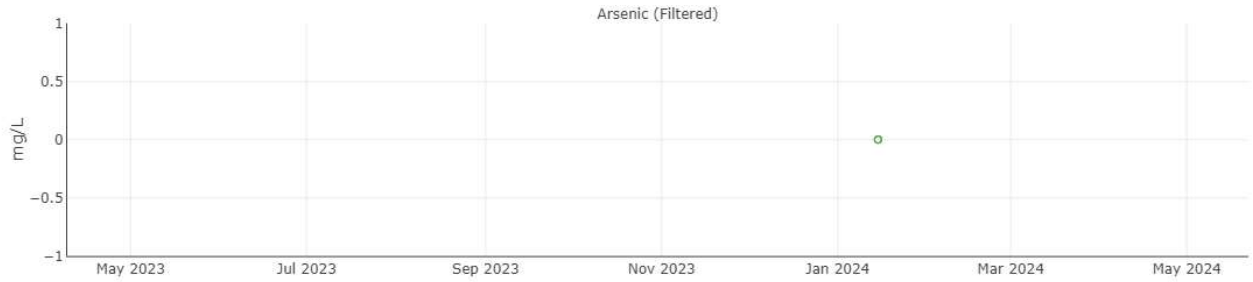
Date	Site 5	GS200	Site 1
1/05/2023	0.002	0.05	0.059
4/05/2023	0.002	0.052	0.007
17/05/2023	0.002	0.072	0.095
29/05/2023	0.003	0.22	0.56
12/06/2023	0.004	0.28	
3/07/2023	0.008		
17/07/2023	0.0052	2	
14/08/2023	0.003		
13/11/2023	0.011	2.1	
20/11/2023	0.005		
27/11/2023	0.0052	0.43	
4/12/2023	0.0059	0.6	
11/12/2023	0.004	0.3	
18/12/2023	0.004	0.24	
31/12/2023	0.003	0.23	
8/01/2024	0.004	0.14	0.02
12/01/2024	0.007	0.054	0.02
15/01/2024	0.002	0.042	0.69
22/01/2024	0.003	0.04	0.063
30/01/2024	0.002	0.024	0.006
5/02/2024	0.0025	0.059	0.04
12/02/2024	0.0021	0.034	0.04
19/02/2024	0.002	0.034	0.071
26/02/2024	0.0016	0.038	0.065
4/03/2024	0.001	0.027	0.033
11/03/2024	0.0016	0.019	0.016
18/03/2024	0.002	0.039	0.054
25/03/2024	0.001	0.031	0.052
1/04/2024	0.002	0.03	0.034
8/04/2024	0.001	0.026	0.034
15/04/2024	0.001	0.027	0.028
18/04/2024	0.002	0.024	0.026
22/04/2024	0.001	0.028	0.033
27/04/2024	0.001	0.027	0.03
30/04/2024	0.001	0.036	0.05



APPENDIX C- GRAPHS OF FIELD AND LABORATORY DATA BY MONITORING SITE

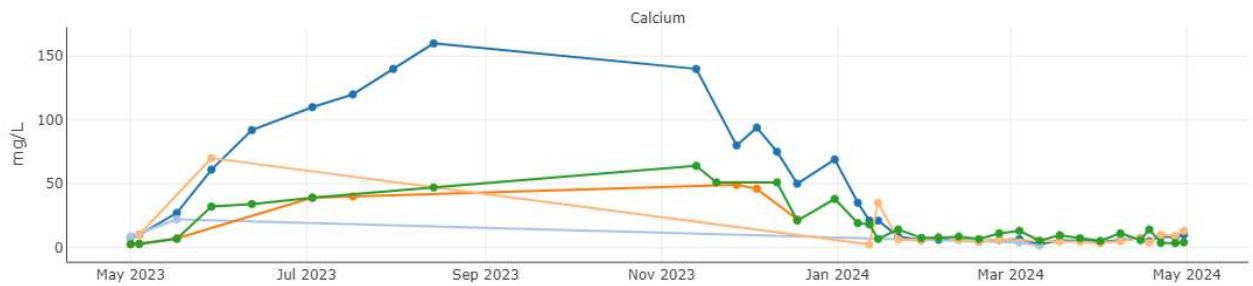

Chemistry Graph
GS200
SITE 1
Site 5
SITE1
SITE5
Alkalinity (Bicarbonate as CaCO3)
Alkalinity (Carbonate as CaCO3)
Alkalinity (Hydroxide) as CaCO3
Alkalinity (total) as CaCO3
Aluminium
Aluminium (Filtered)
mg/L
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

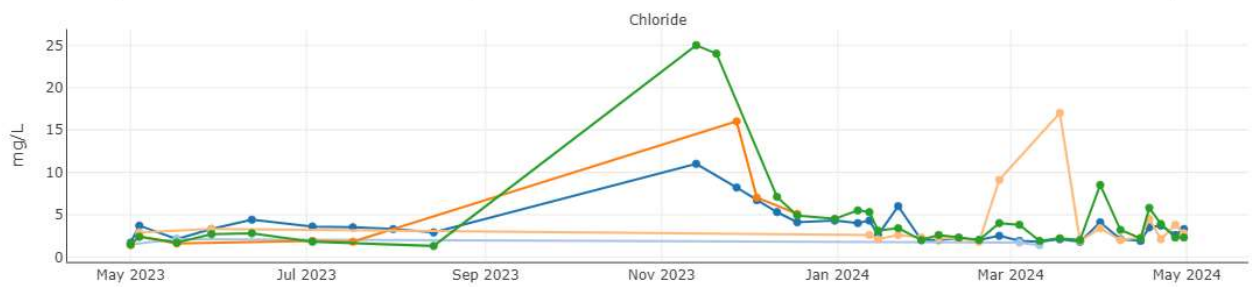

Arsenic
mg/L
0.003
0.002
0.001
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

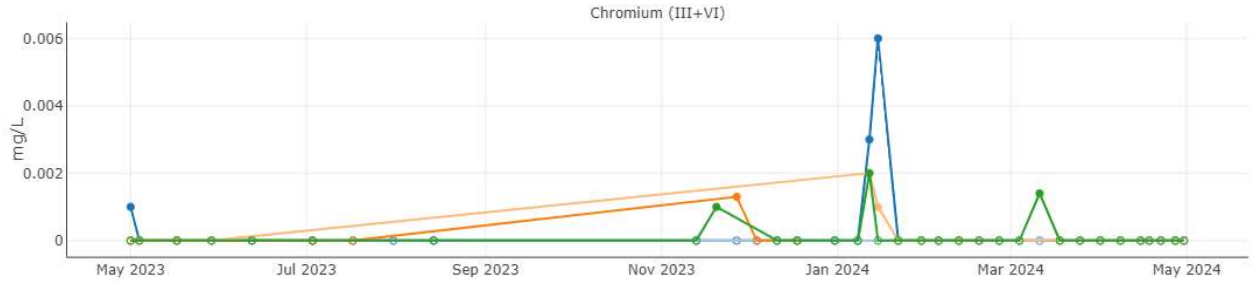

Arsenic (Filtered)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Cadmium
mg/L
0.015
0.01
0.005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

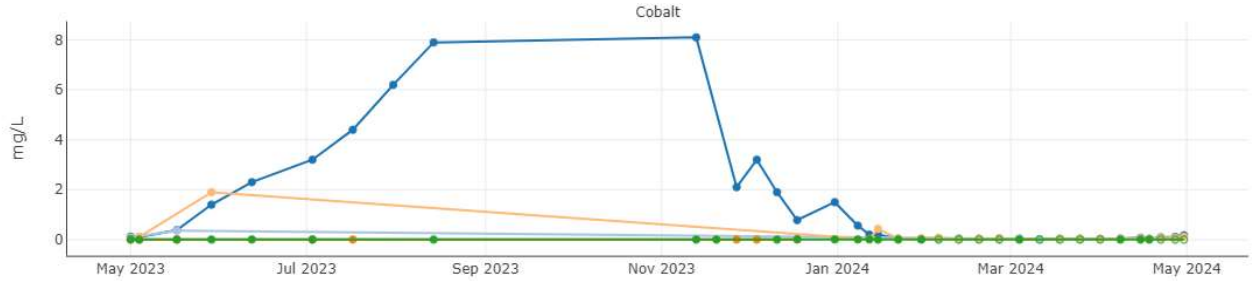

Cadmium (Filtered)
mg/L
0.015
0.01
0.005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Calcium
mg/L
150
100
50
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Chloride
mg/L
25
20
15
10
5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

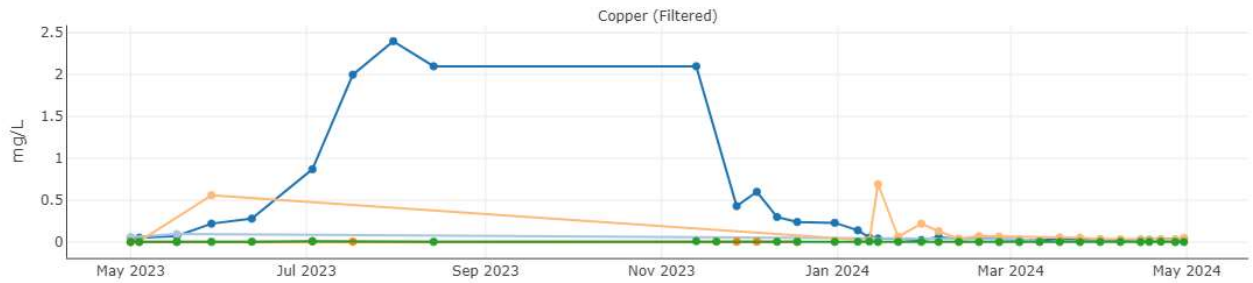

Chromium (III+VI)
mg/L
0.006
0.004
0.002
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

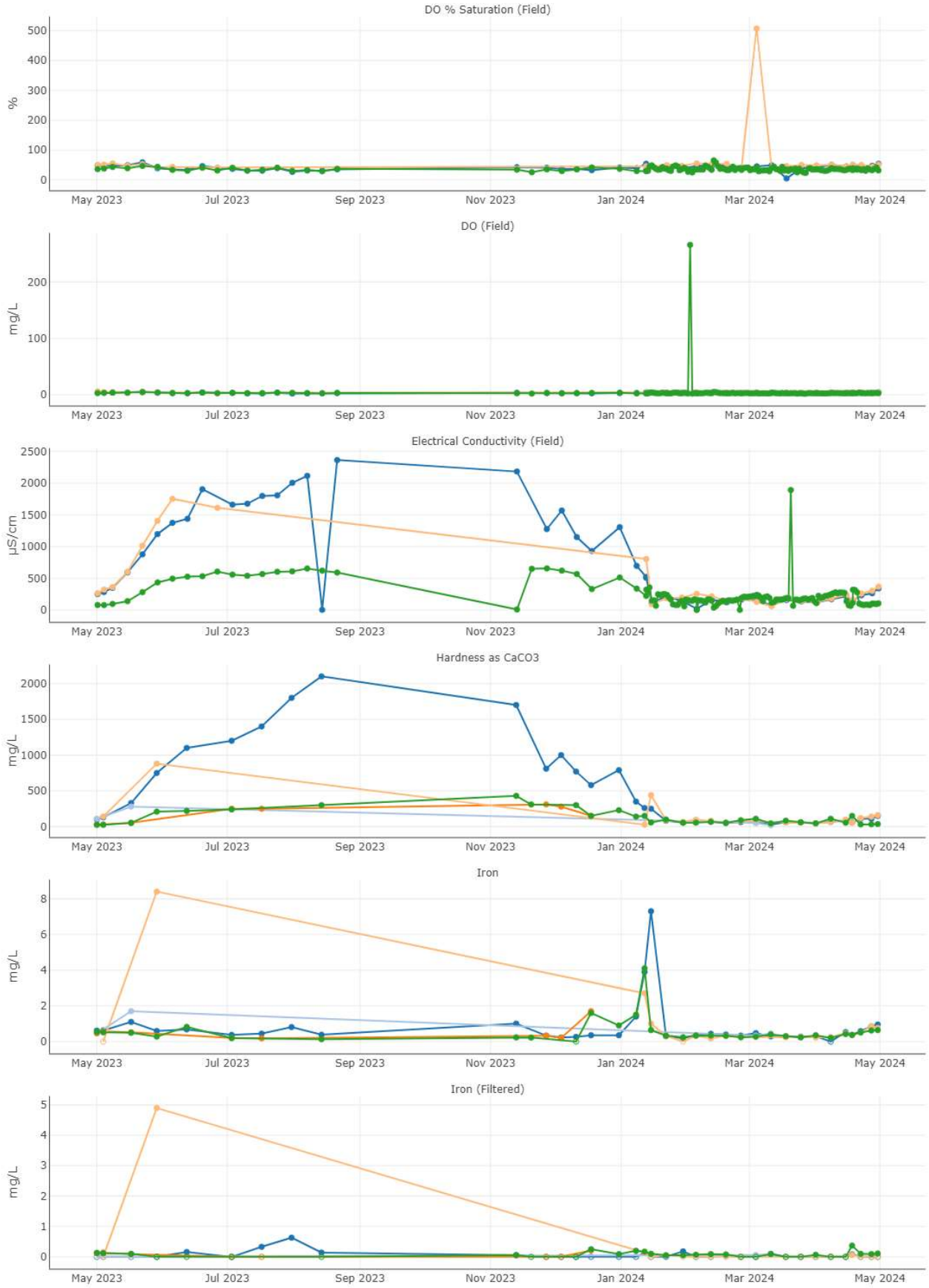

Chromium (III+VI) (Filtered)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

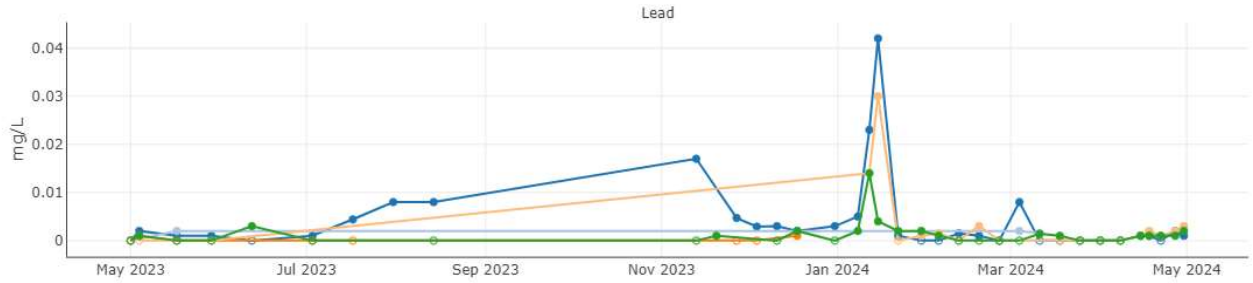

Cobalt
mg/L
8
6
4
2
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

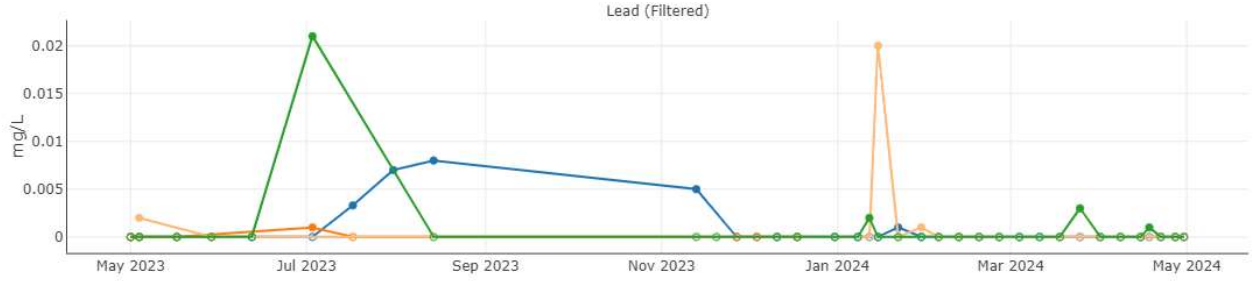

Cobalt (Filtered)
mg/L
8
6
4
2
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

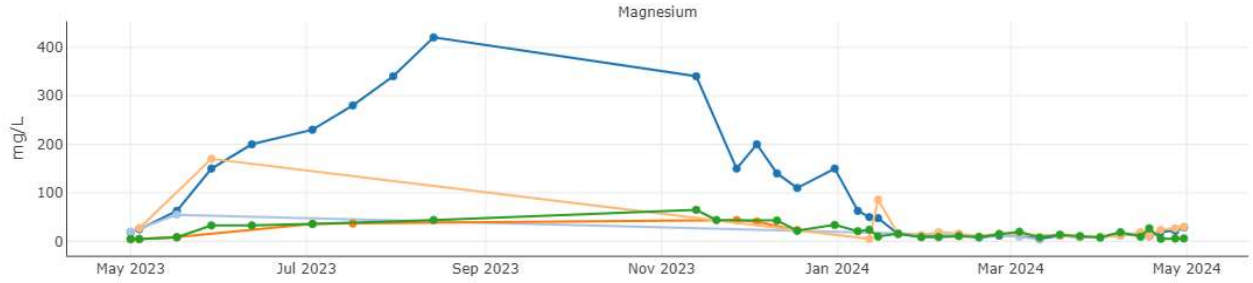

Copper
mg/L
2
1
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

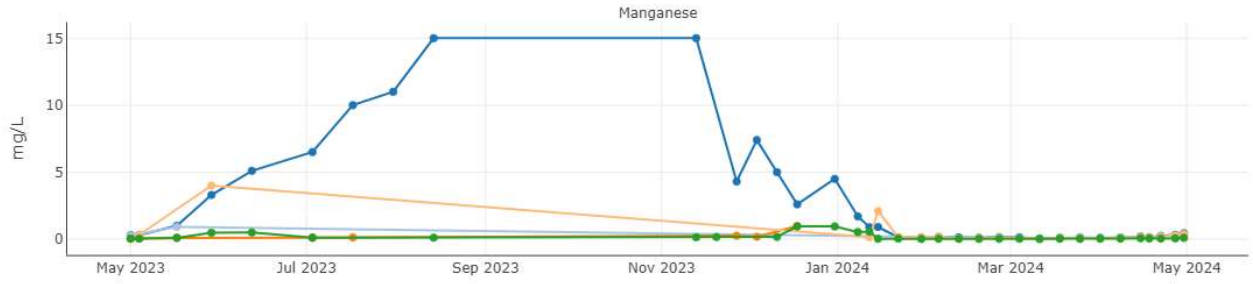

Copper (Filtered)
mg/L
2.5
2
1.5
1
0.5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

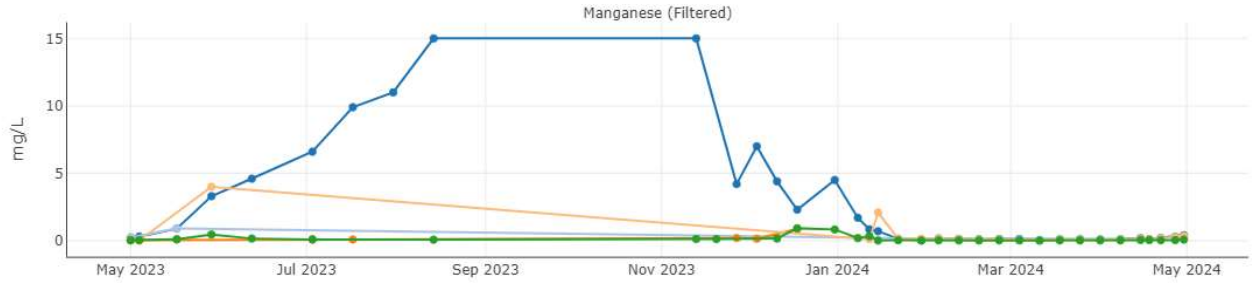

DO % Saturation (Field)
%
500
400
300
200
100
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
DO (Field)
mg/L
200
100
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Electrical Conductivity (Field)
µS/cm
2500
2000
1500
1000
500
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Hardness as CaCO3
mg/L
2000
1500
1000
500
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Iron
mg/L
8
6
4
2
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Iron (Filtered)
mg/L
5
4
3
2
1
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

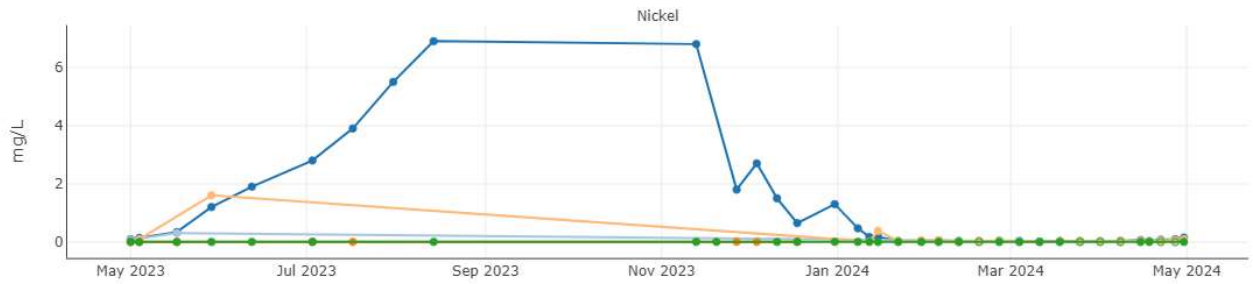

Lead
mg/L
0.04
0.03
0.02
0.01
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

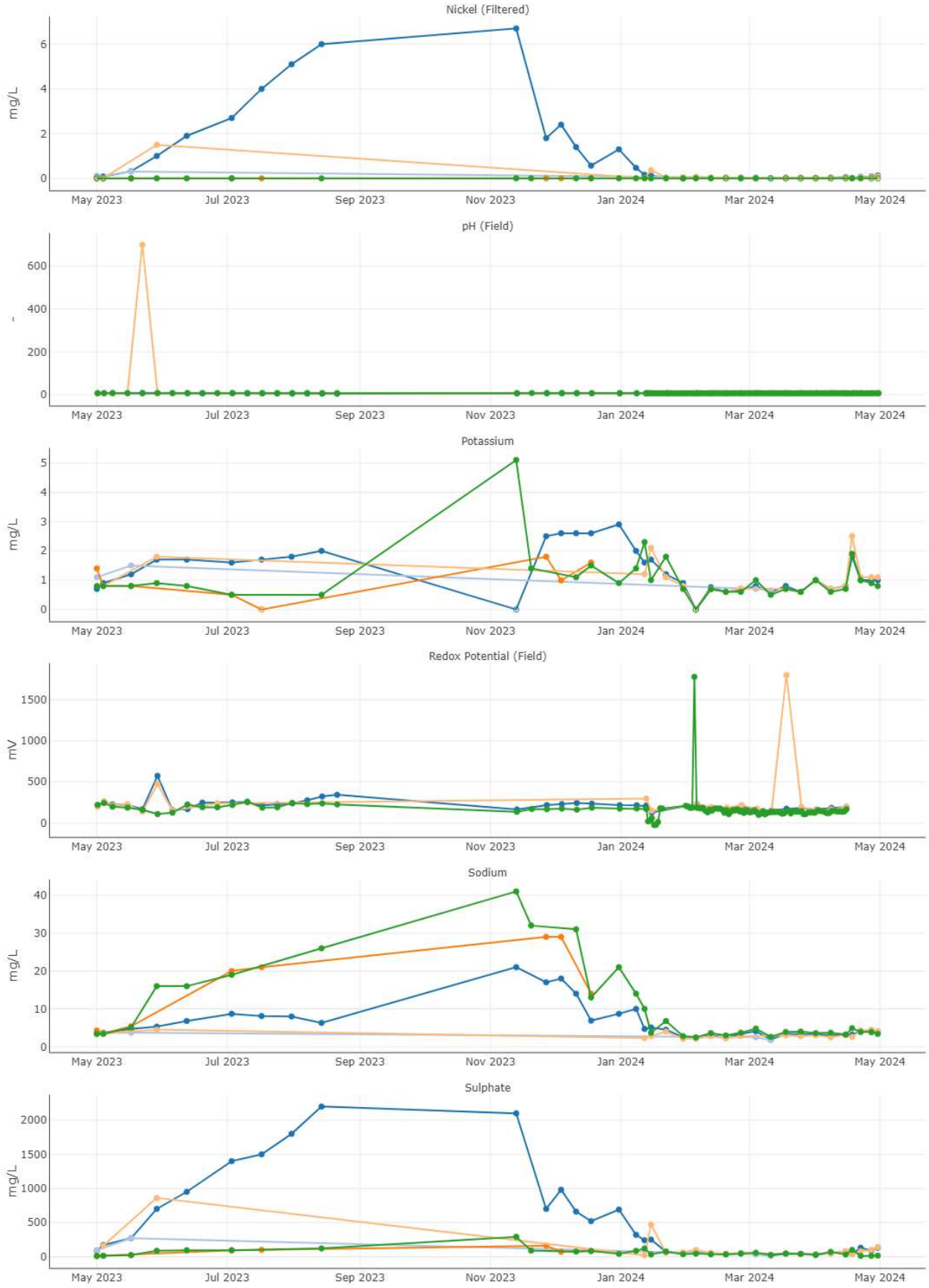

Lead (Filtered)
mg/L
0.02
0.015
0.01
0.005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

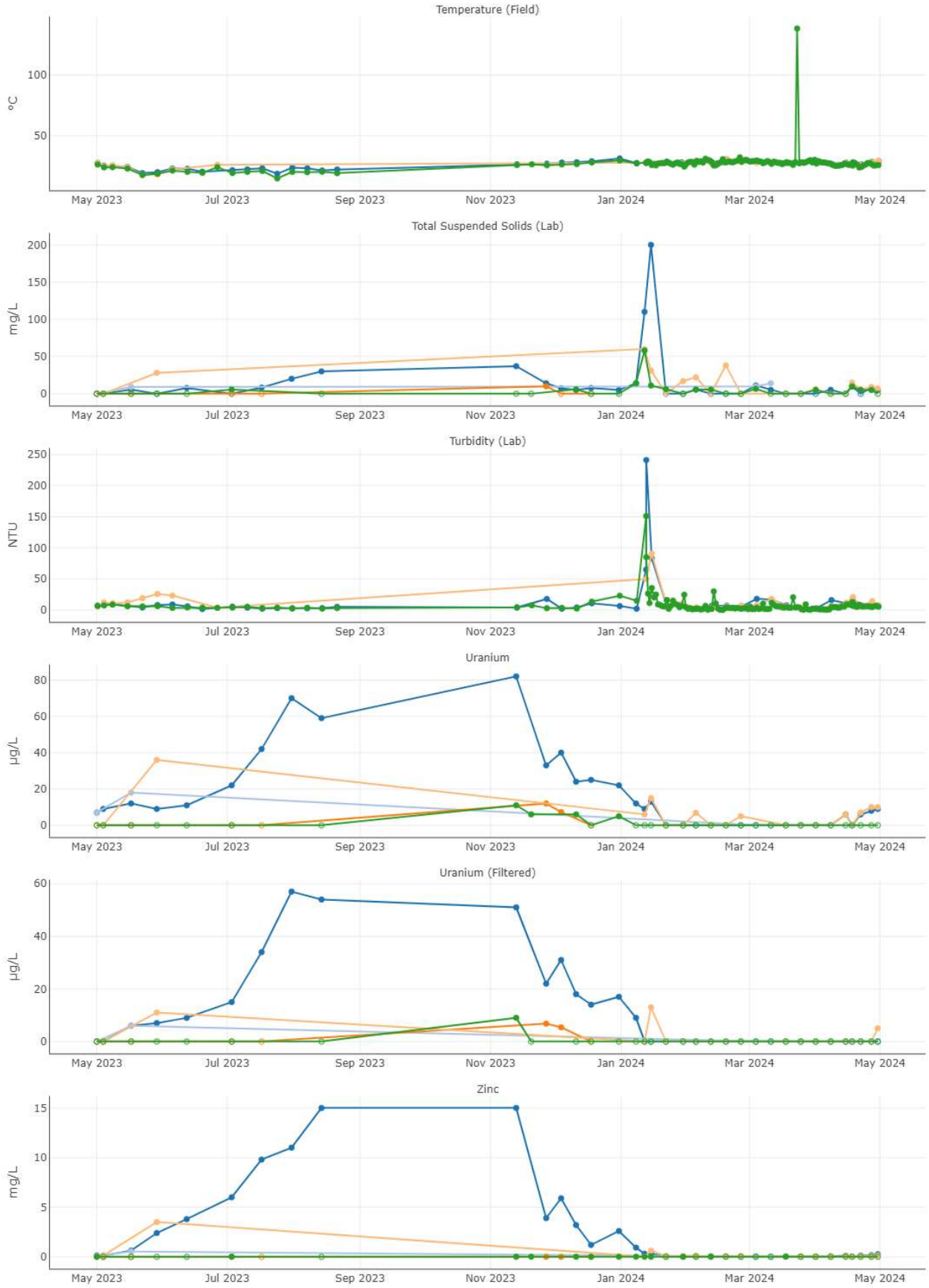

Magnesium
mg/L
400
300
200
100
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Manganese
mg/L
15
10
5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Manganese (Filtered)
mg/L
15
10
5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Nickel
mg/L
6
4
2
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Nickel (Filtered)
mg/L
0
2
4
6
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
pH (Field)
-
0
200
400
600
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Potassium
mg/L
0
1
2
3
4
5
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Redox Potential (Field)
mV
0
500
1000
1500
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Sodium
mg/L
0
10
20
30
40
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Sulphate
mg/L
0
500
1000
1500
2000
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Temperature (Field)
°C
100
50
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Total Suspended Solids (Lab)
mg/L
200
150
100
50
0
Turbidity (Lab)
NTU
250
200
150
100
50
0
Uranium
µg/L
80
60
40
20
0
Uranium (Filtered)
µg/L
60
40
20
0
Zinc
mg/L
15
10
5
0



The report was generated based on the following filter:

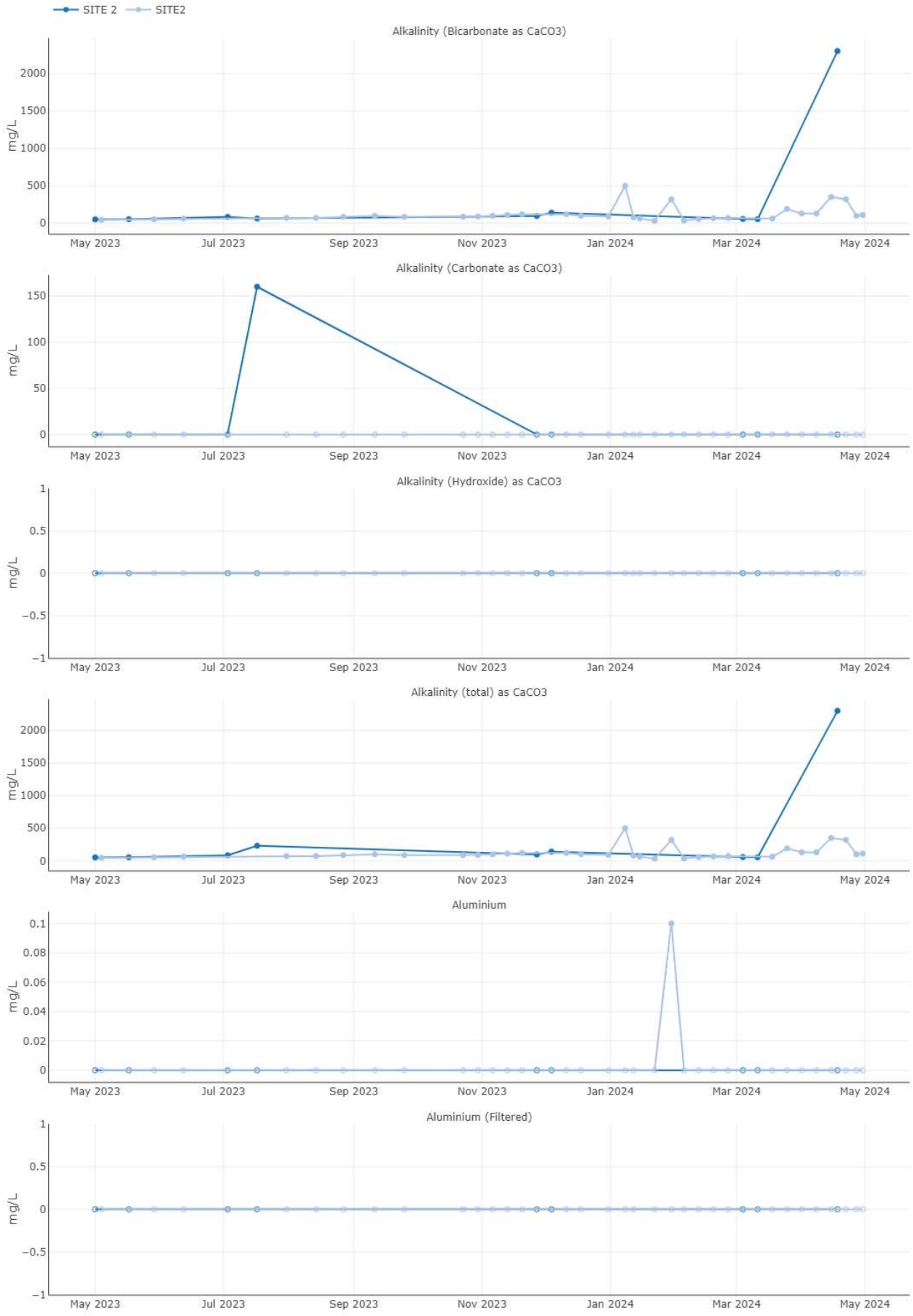
Sampled Date between "01 May 2023" and "",

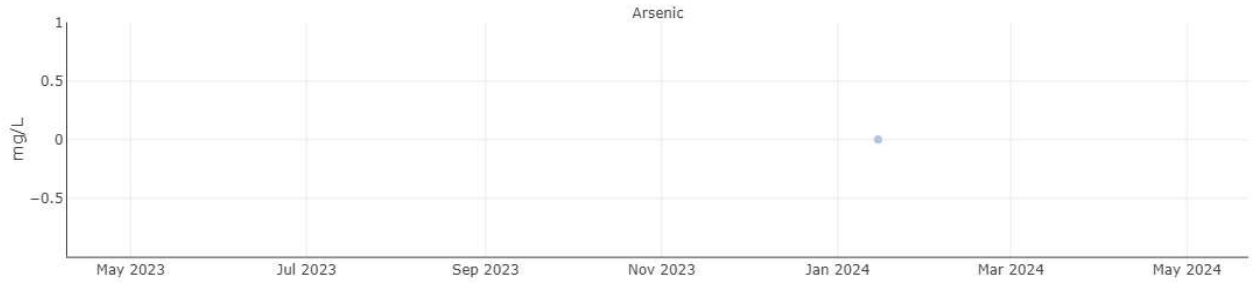
Locations In "GS200,SITE 1,Site 5,SITE1,SITE5"

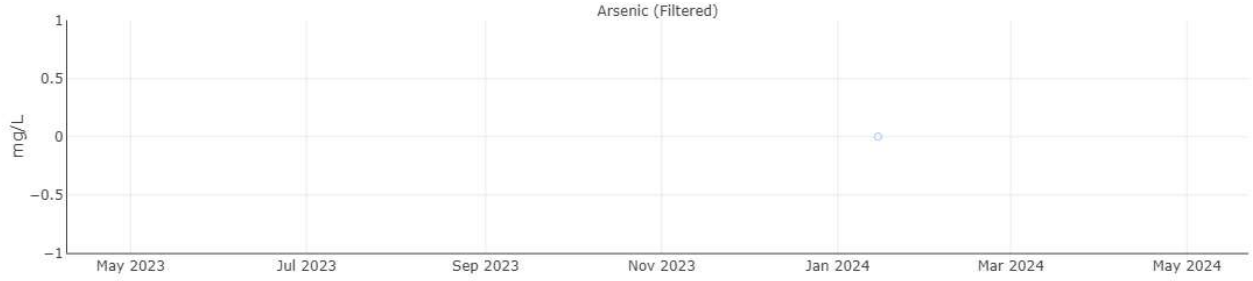
Non-detects are indicated by a hollow marker

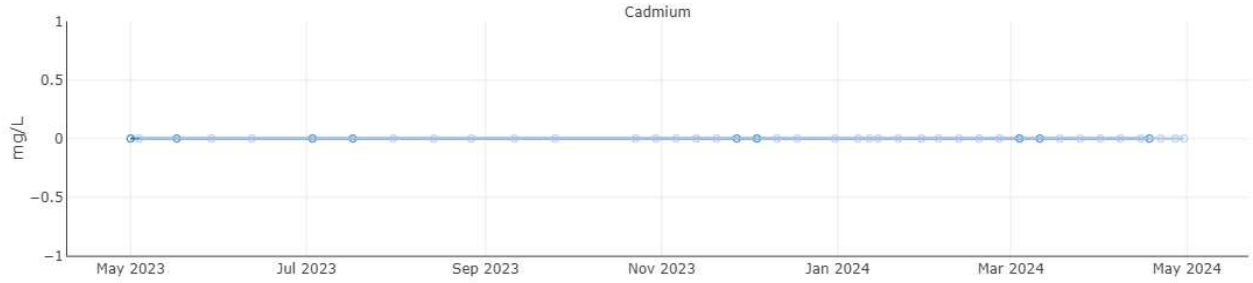
Publication Date: 15 May 2024

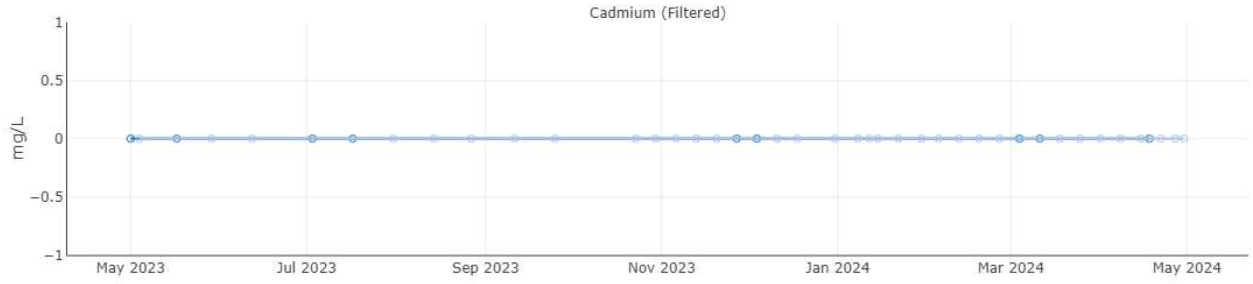
Chemistry Graph

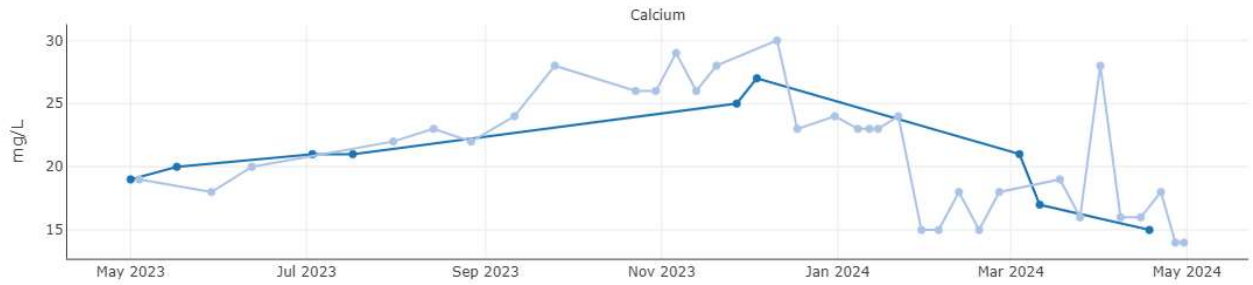


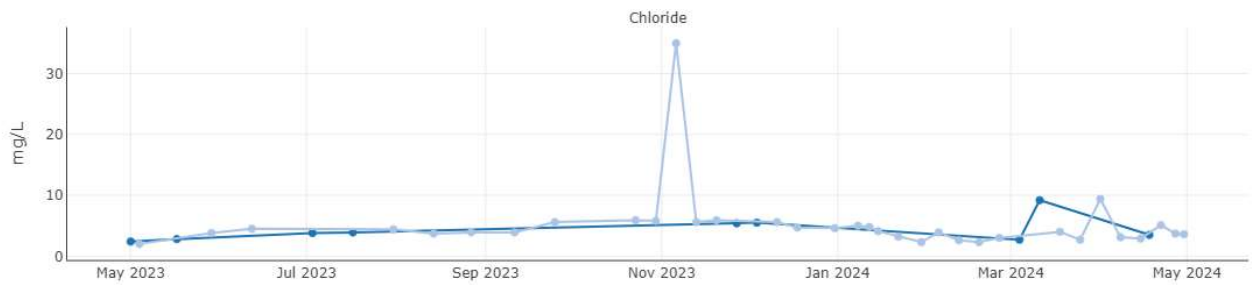

Arsenic
mg/L
1
0.5
0
−0.5
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

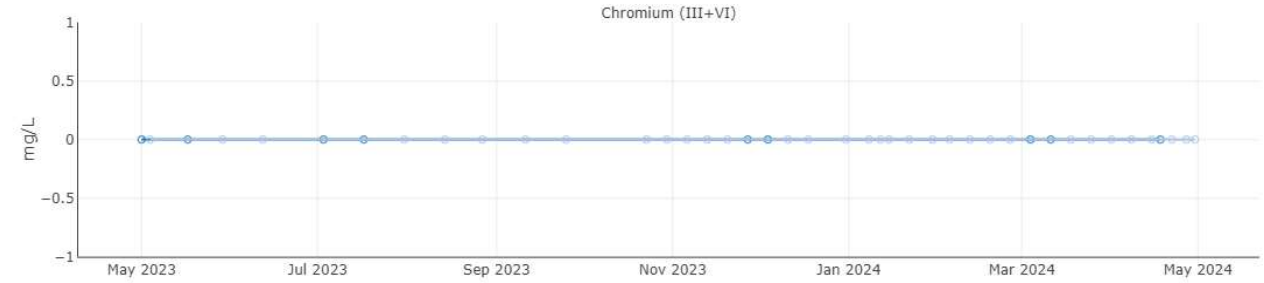

Arsenic (Filtered)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

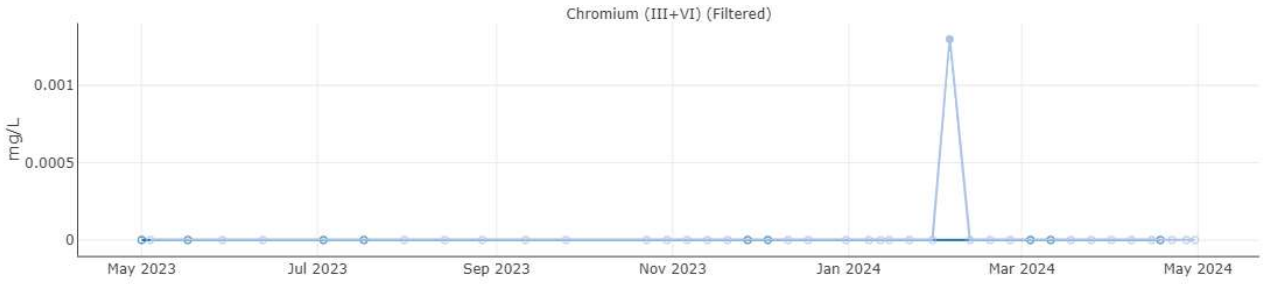

Cadmium
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

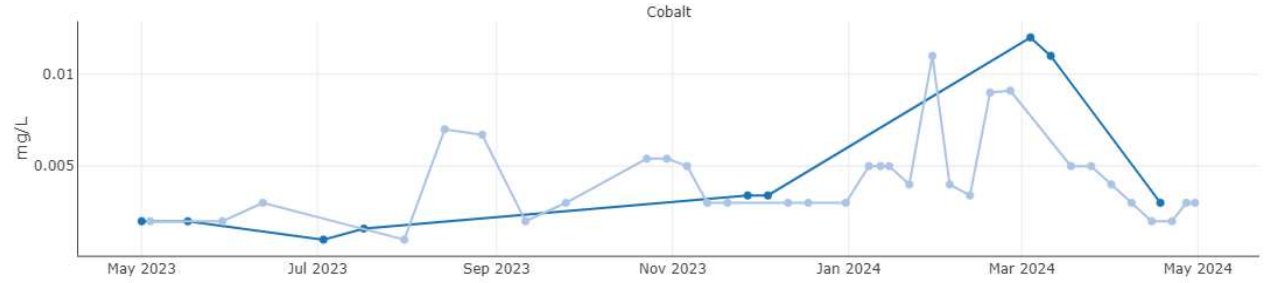

Cadmium (Filtered)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

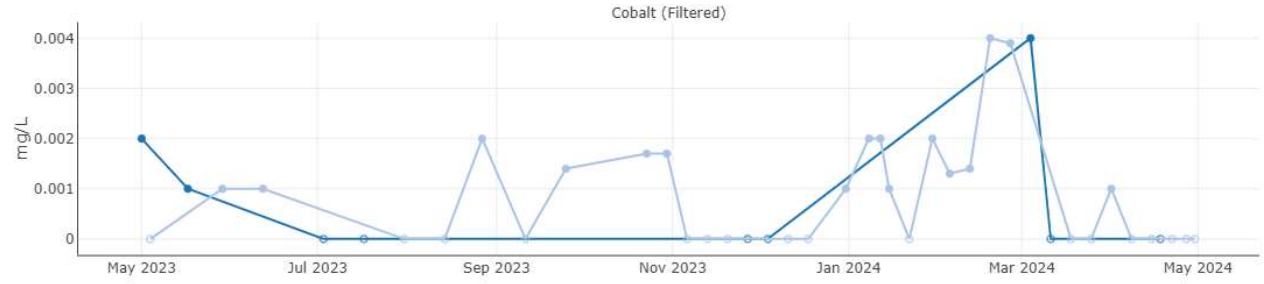

Calcium
mg/L
30
25
20
15
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

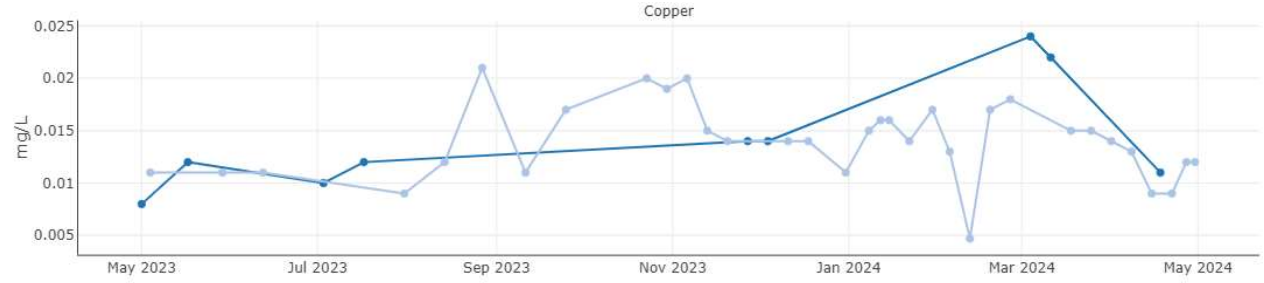

Chloride
mg/L
30
20
10
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

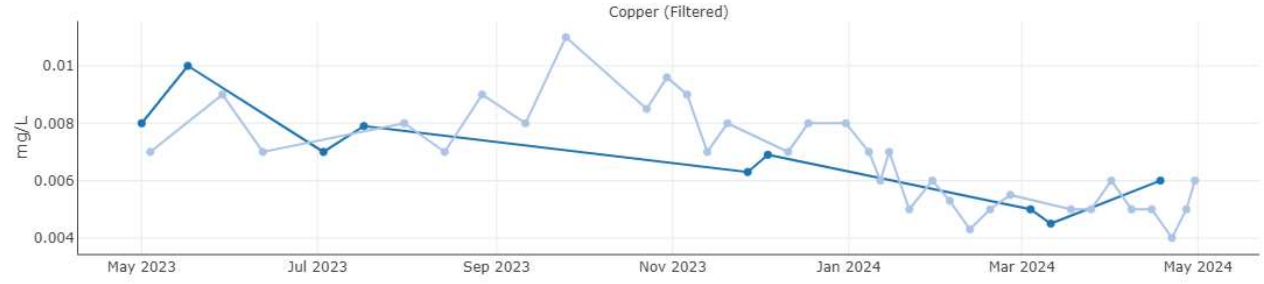

Chromium (III+VI)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

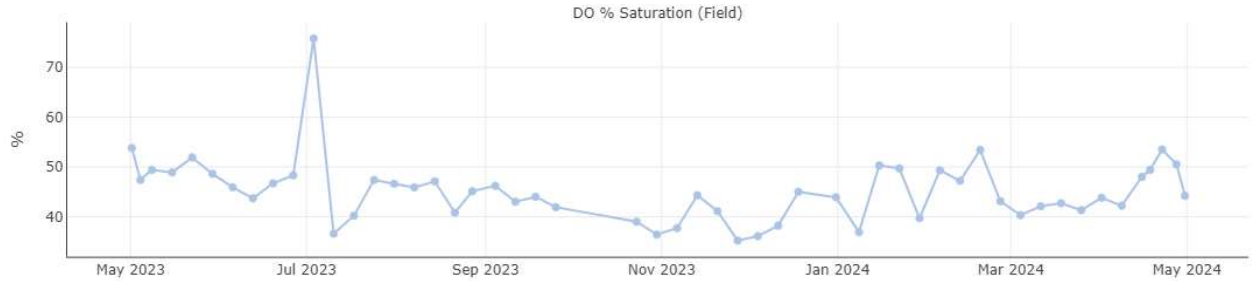

Chromium (III+VI) (Filtered)
mg/L
0.001
0.0005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

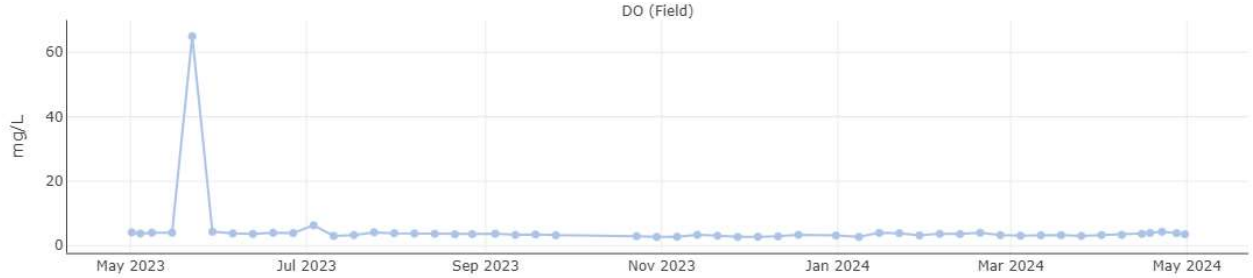

Cobalt
mg/L
0.01
0.005
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

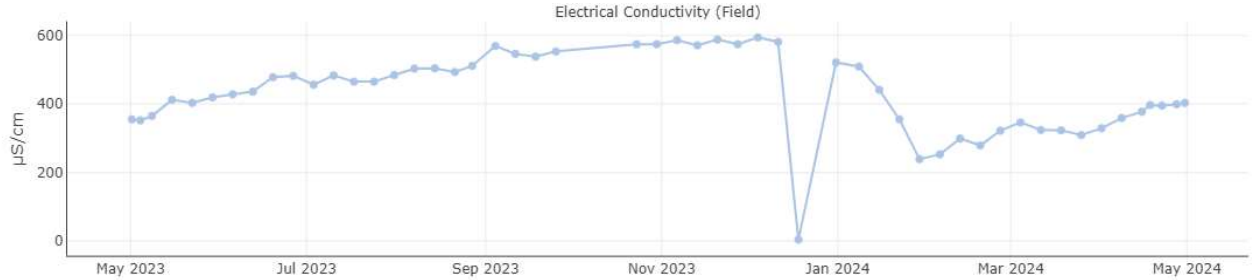

Cobalt (Filtered)
mg/L
0.004
0.003
0.002
0.001
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

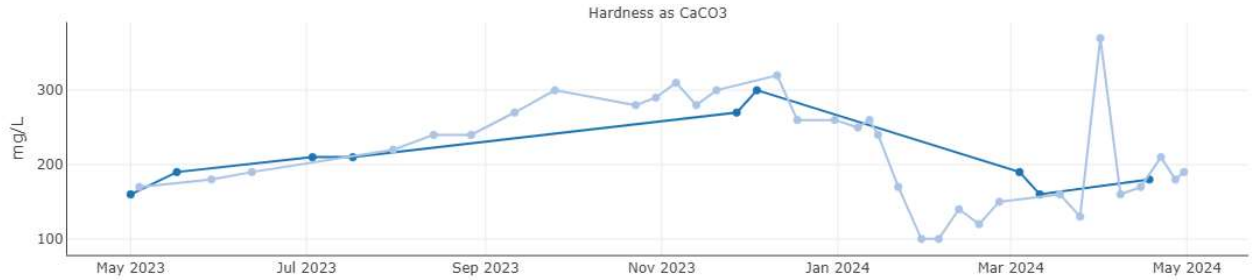

Copper
mg/L
0.025
0.02
0.015
0.01
0.005
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

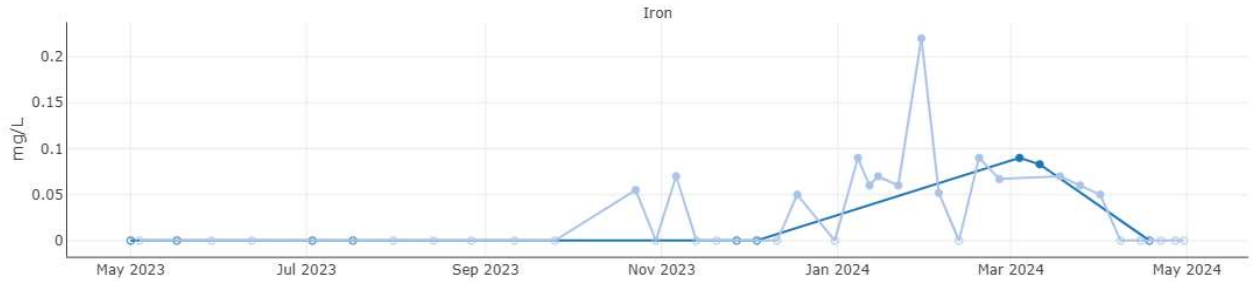

Copper (Filtered)
mg/L
0.01
0.008
0.006
0.004
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

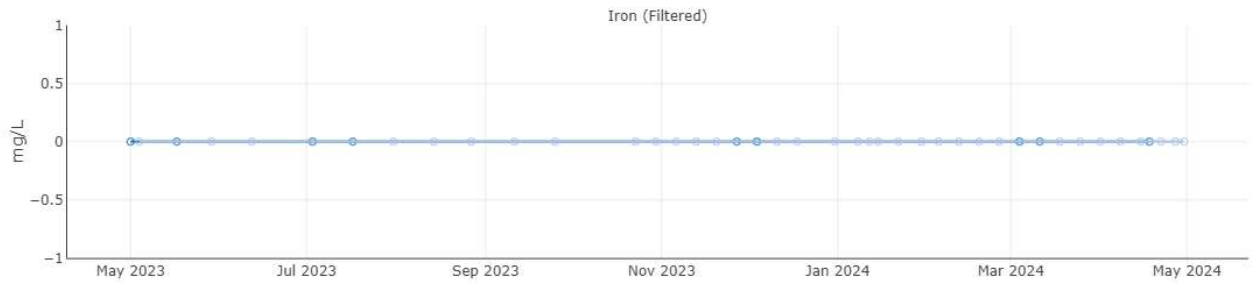

DO % Saturation (Field)
%
70
60
50
40
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


DO (Field)
mg/L
60
40
20
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

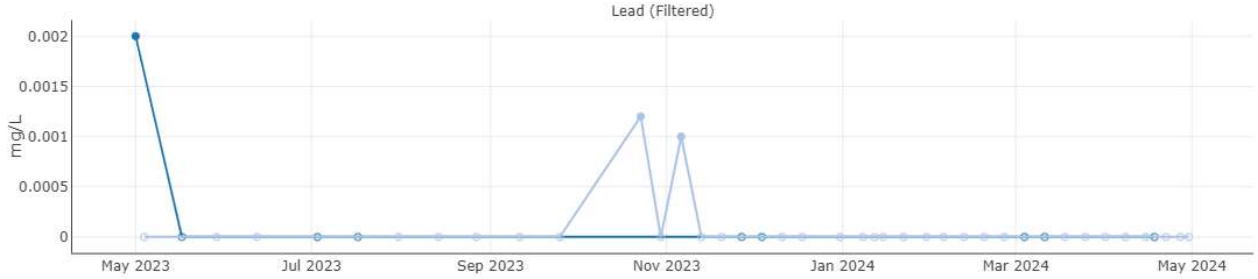

Electrical Conductivity (Field)
µS/cm
600
400
200
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

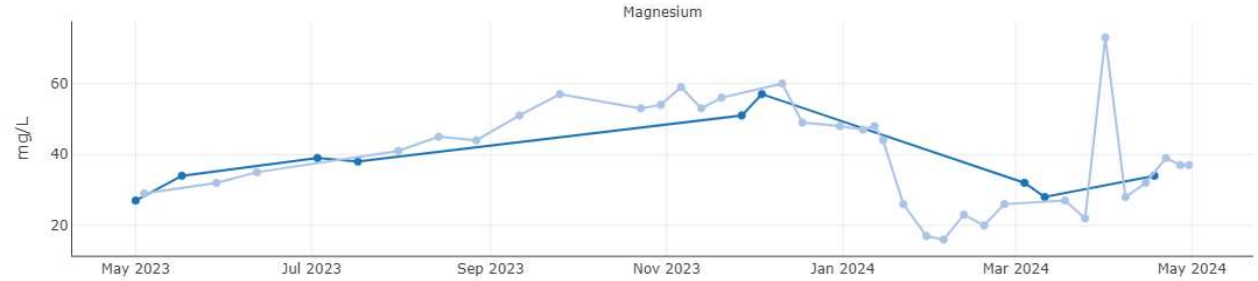

Hardness as CaCO3
mg/L
300
200
100
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

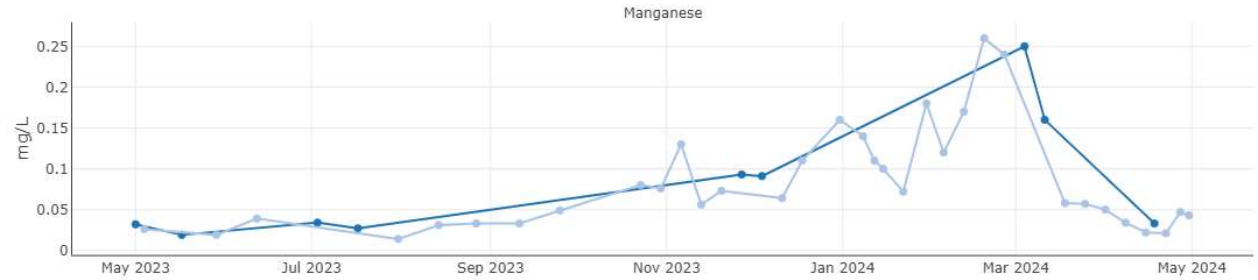

Iron
mg/L
0.2
0.15
0.1
0.05
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

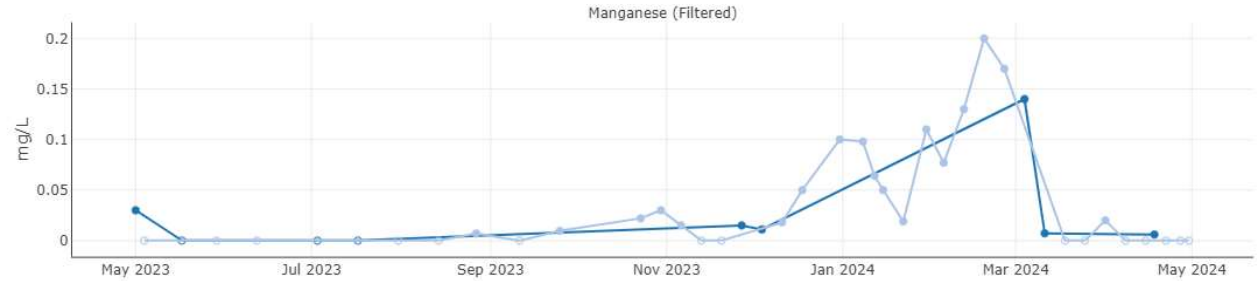

Iron (Filtered)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

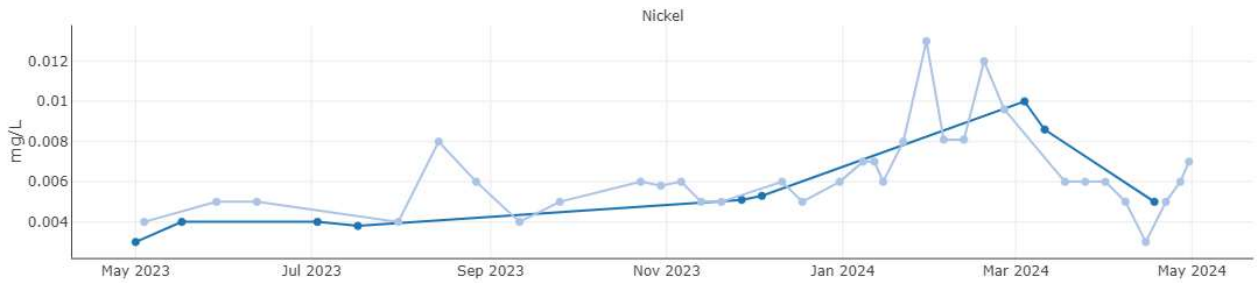

Lead
mg/L
0.015
0.01
0.005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

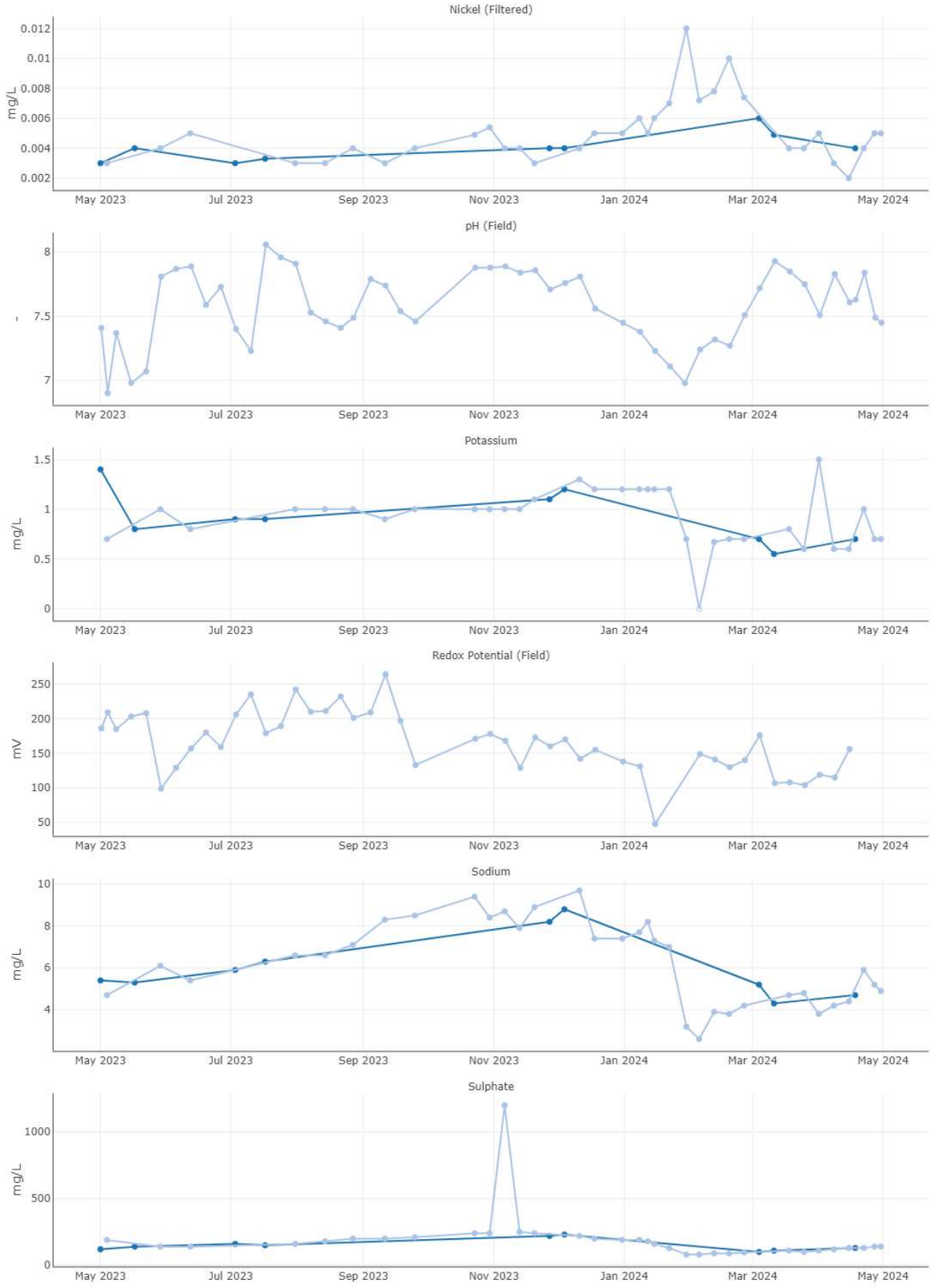

Lead (Filtered)
mg/L
0.002
0.0015
0.001
0.0005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

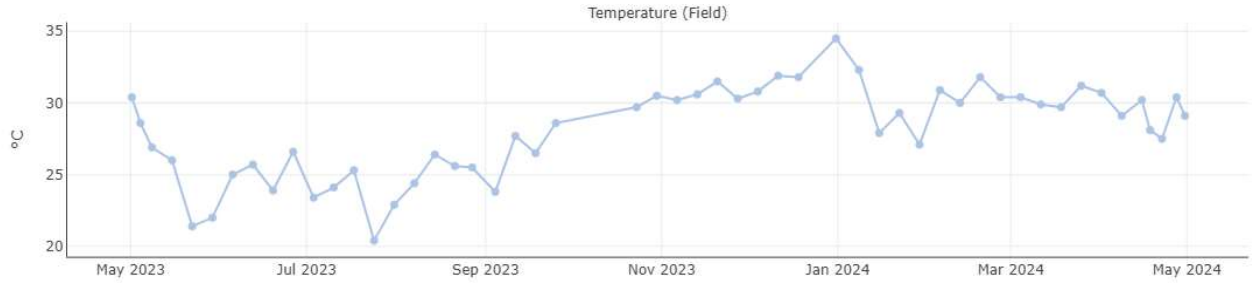

Magnesium
mg/L
60
40
20
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

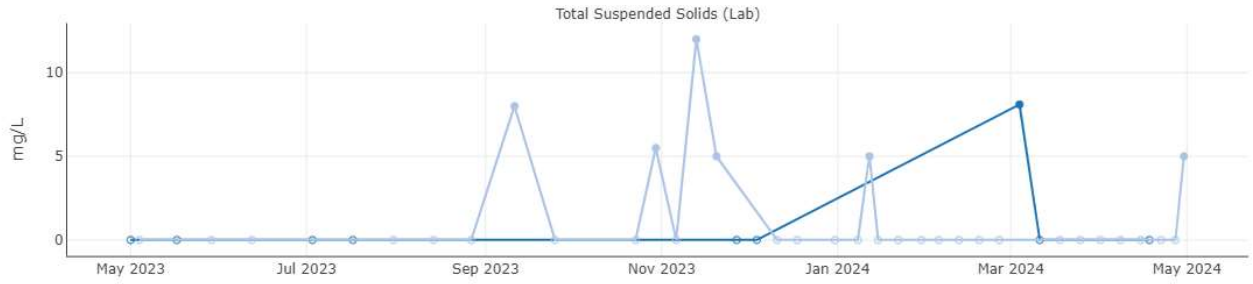

Manganese
mg/L
0.25
0.2
0.15
0.1
0.05
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

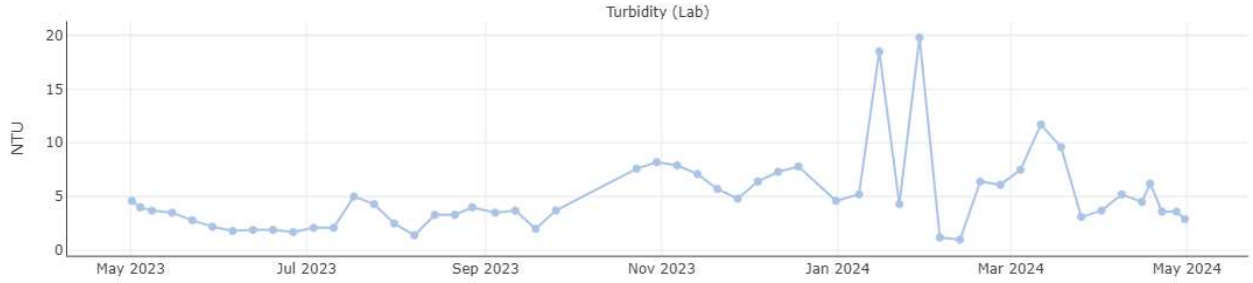

Manganese (Filtered)
mg/L
0.2
0.15
0.1
0.05
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

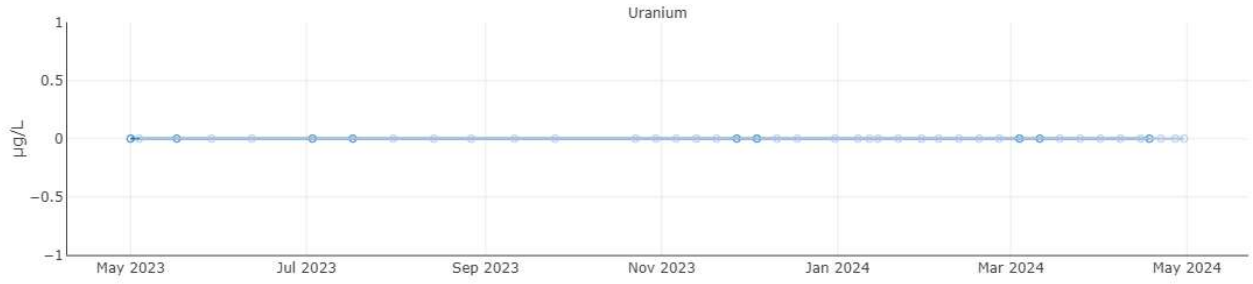

Nickel
mg/L
0.012
0.01
0.008
0.006
0.004
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

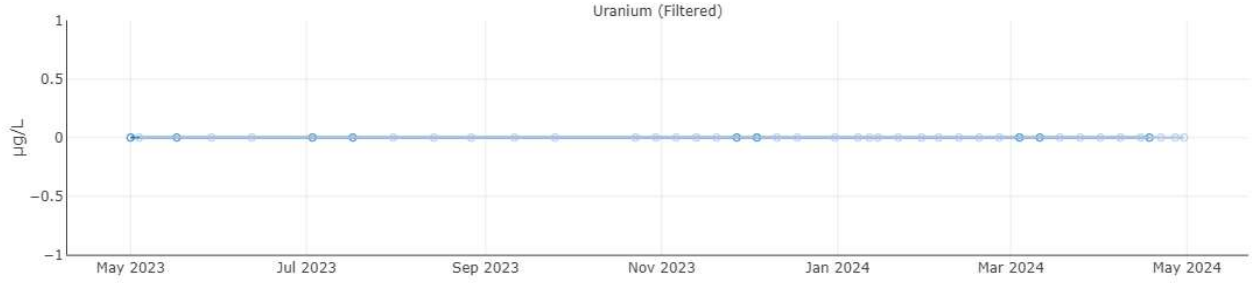

Nickel (Filtered)
mg/L
0.012
0.01
0.008
0.006
0.004
0.002
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
pH (Field)
-
8
7.5
7
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Potassium
mg/L
1.5
1
0.5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Redox Potential (Field)
mV
250
200
150
100
50
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Sodium
mg/L
10
8
6
4
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Sulphate
mg/L
1000
500
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Temperature (Field)
°C
35
30
25
20
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

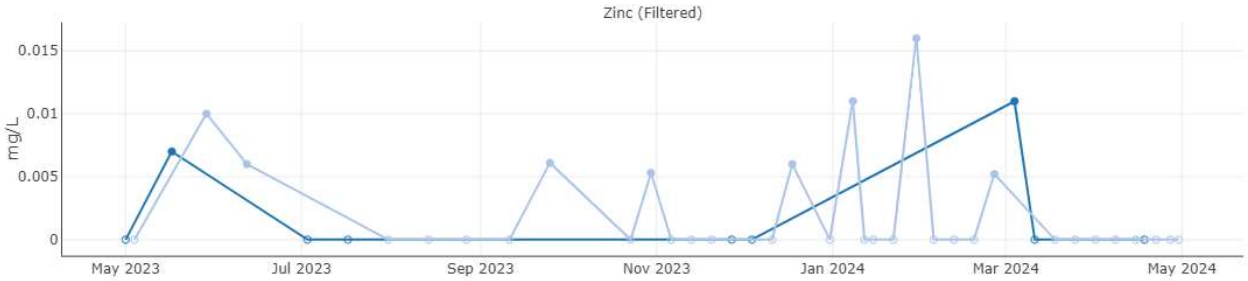

Total Suspended Solids (Lab)
mg/L
10
5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Turbidity (Lab)
NTU
20
15
10
5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Uranium
µg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Uranium (Filtered)
µg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Zinc
mg/L
0.02
0.015
0.01
0.005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024



The report was generated based on the following filter:

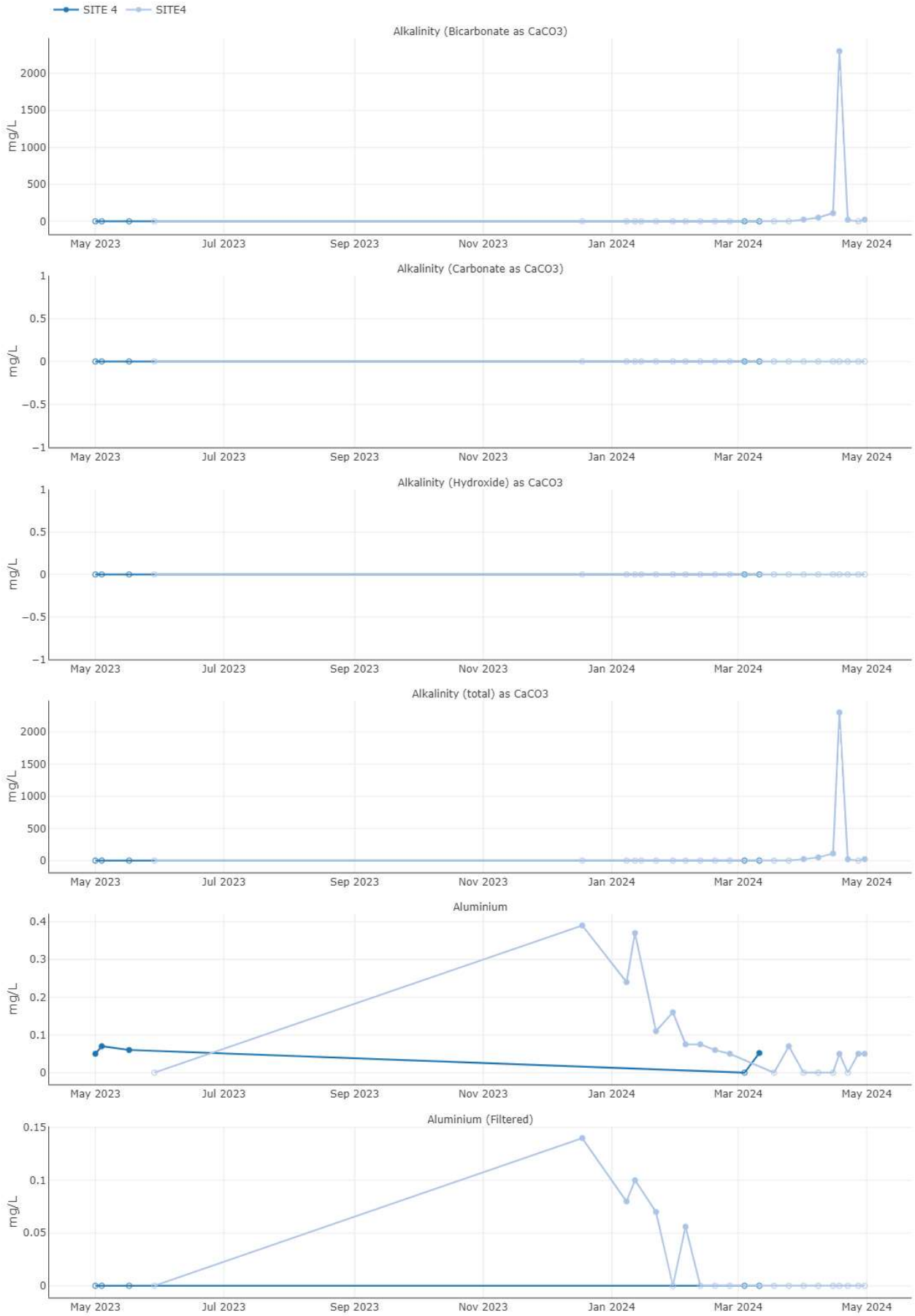
Sampled Date between "01 May 2023" and "",

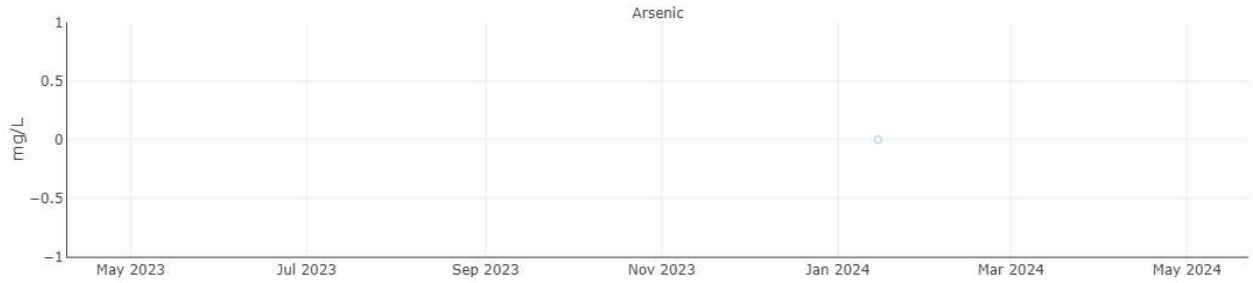
Locations In "SITE 2,SITE2"

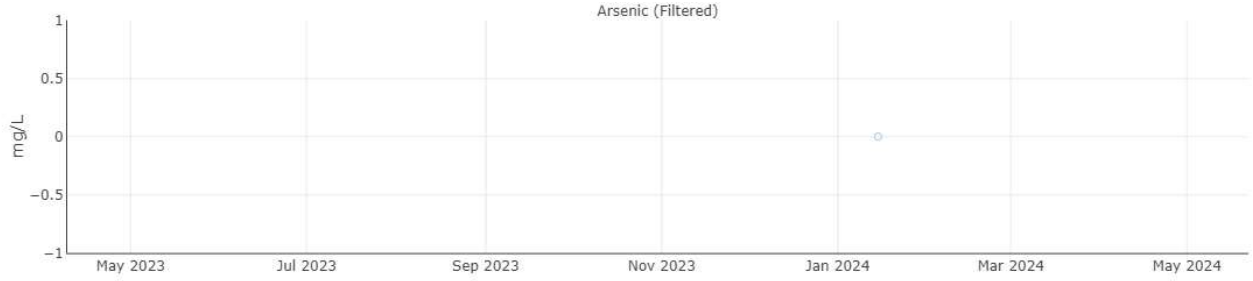
Non-detects are indicated by a hollow marker

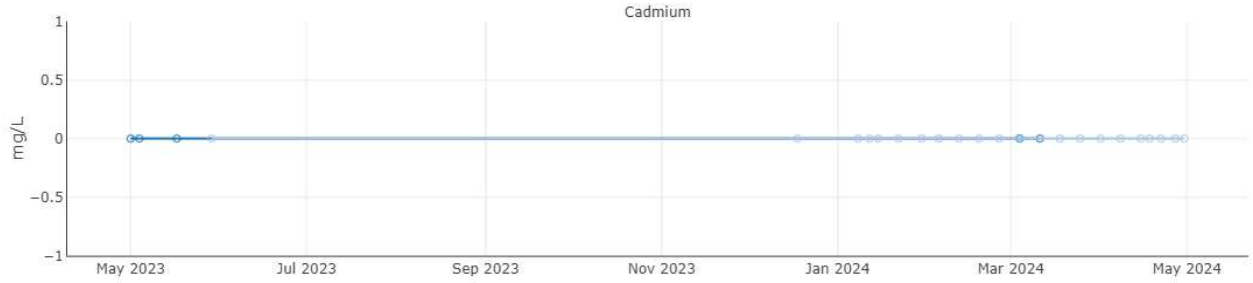
Publication Date: 15 May 2024

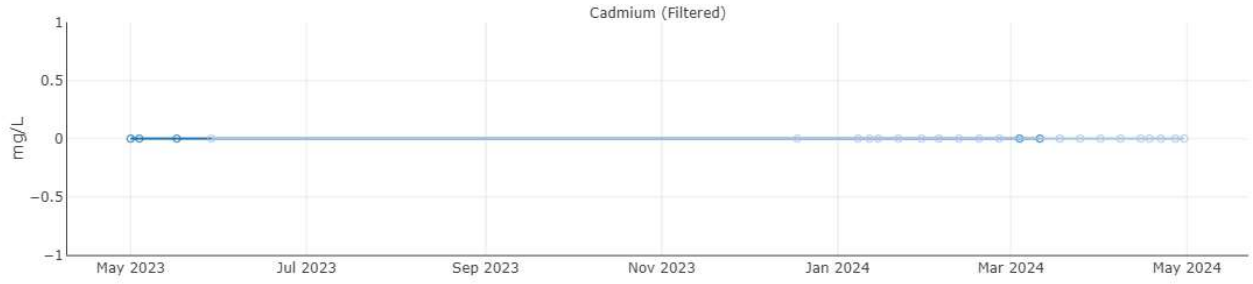
Chemistry Graph

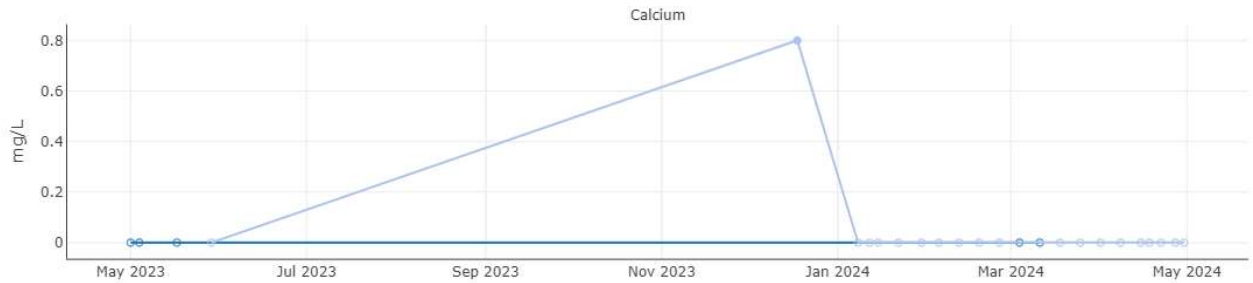


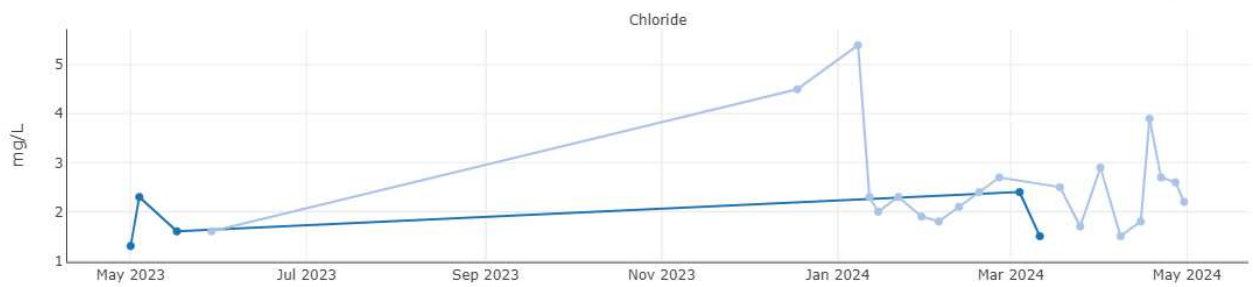

Arsenic
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

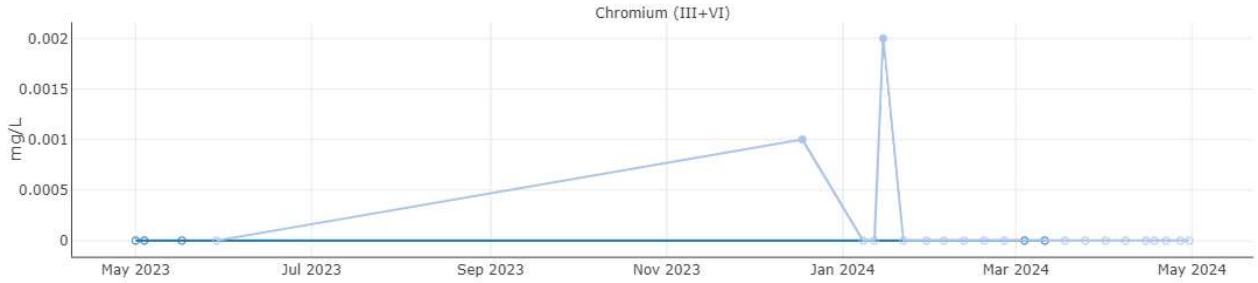

Arsenic (Filtered)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

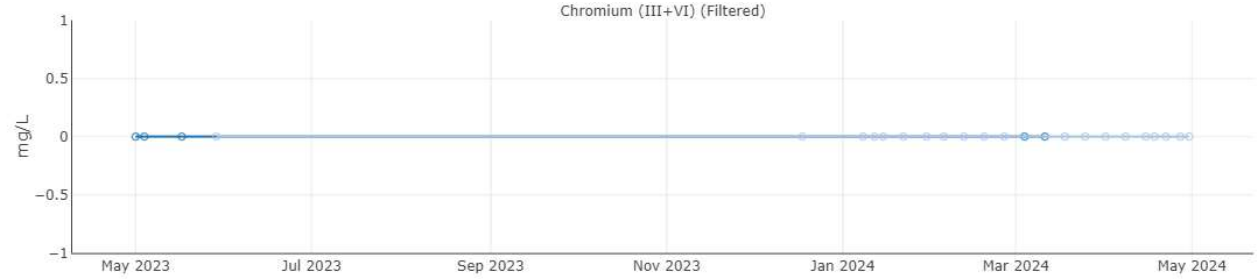

Cadmium
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

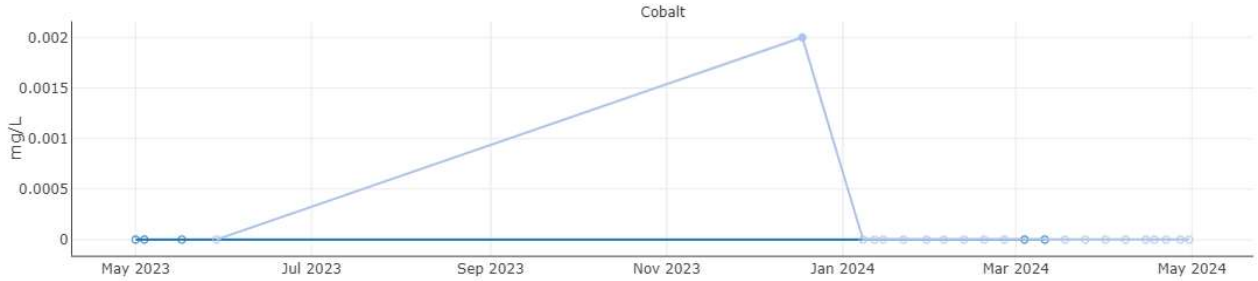

Cadmium (Filtered)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

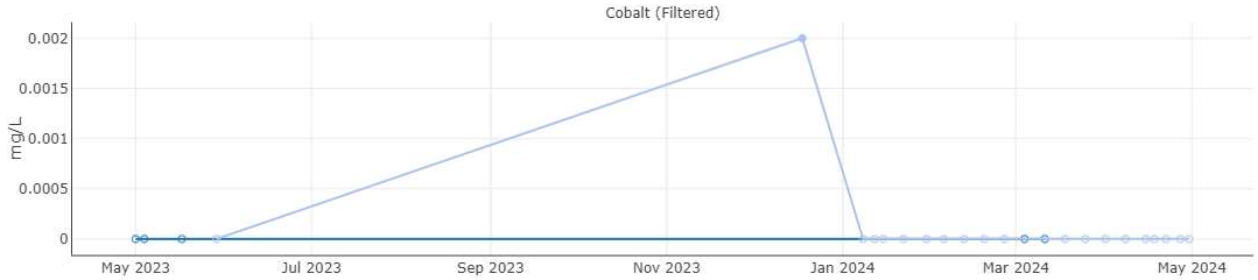

Calcium
mg/L
0.8
0.6
0.4
0.2
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

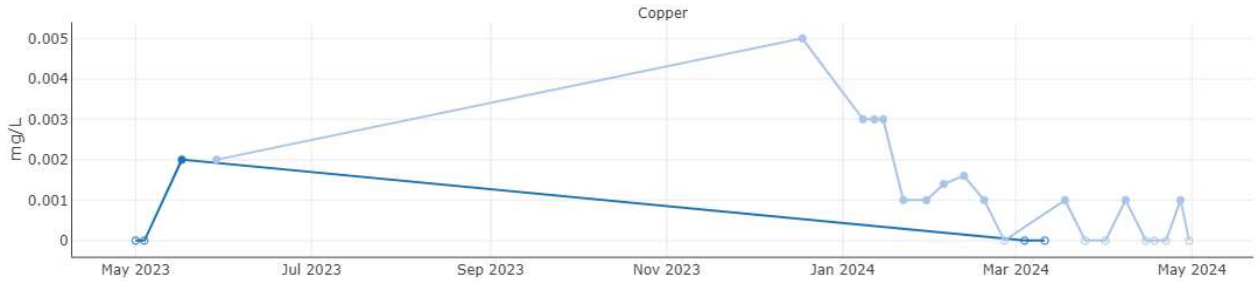

Chloride
mg/L
5
4
3
2
1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

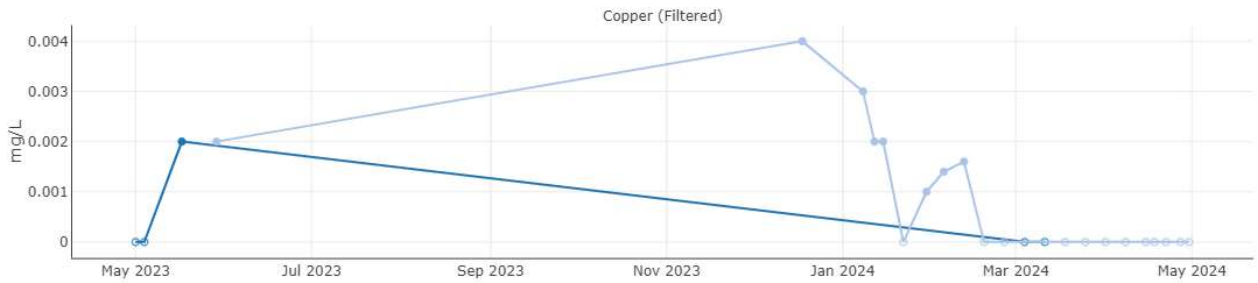

Chromium (III+VI)
mg/L
0.002
0.0015
0.001
0.0005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

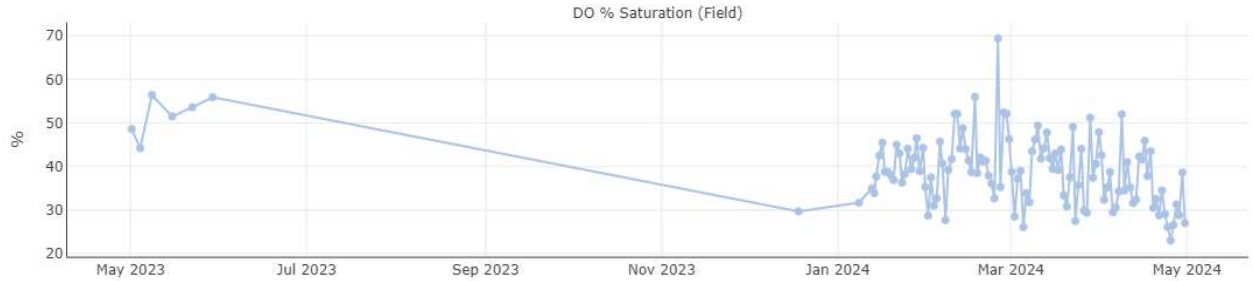

Chromium (III+VI) (Filtered)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

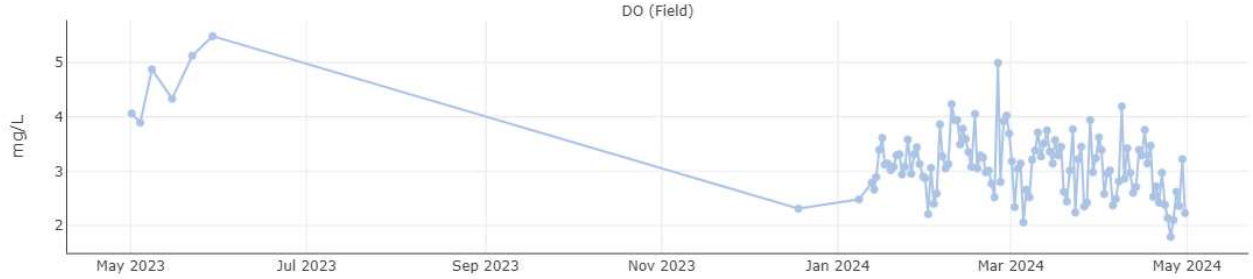

Cobalt
mg/L
0.002
0.0015
0.001
0.0005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

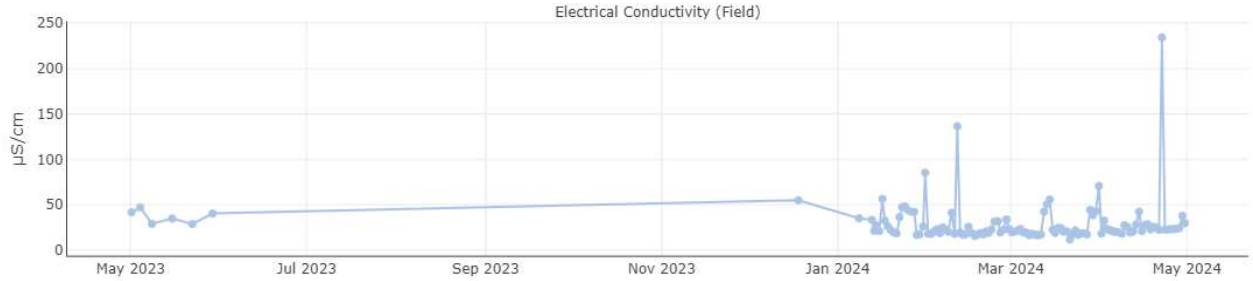

Cobalt (Filtered)
mg/L
0.002
0.0015
0.001
0.0005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

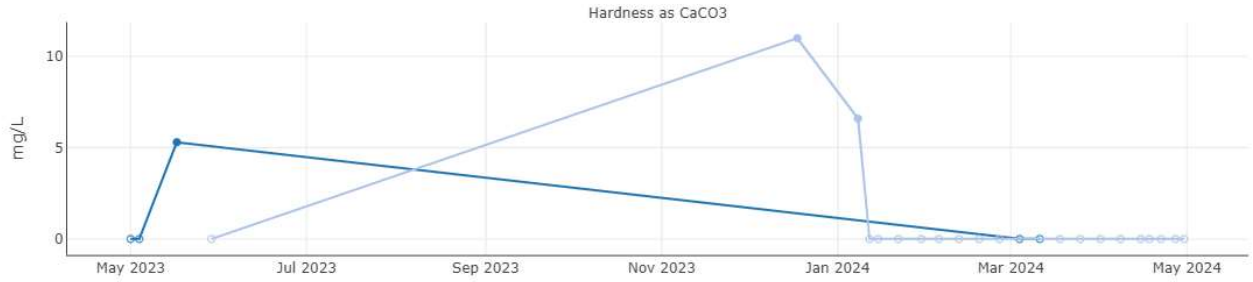

Copper
mg/L
0.005
0.004
0.003
0.002
0.001
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

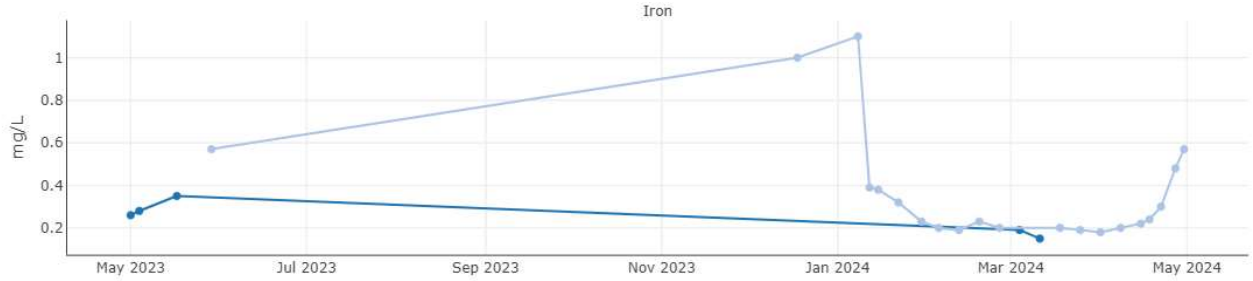

Copper (Filtered)
mg/L
0.004
0.003
0.002
0.001
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

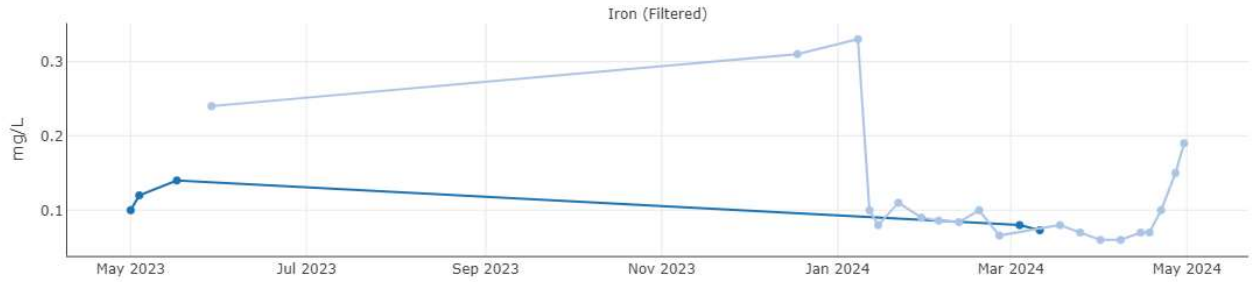

DO % Saturation (Field)
%
70
60
50
40
30
20
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

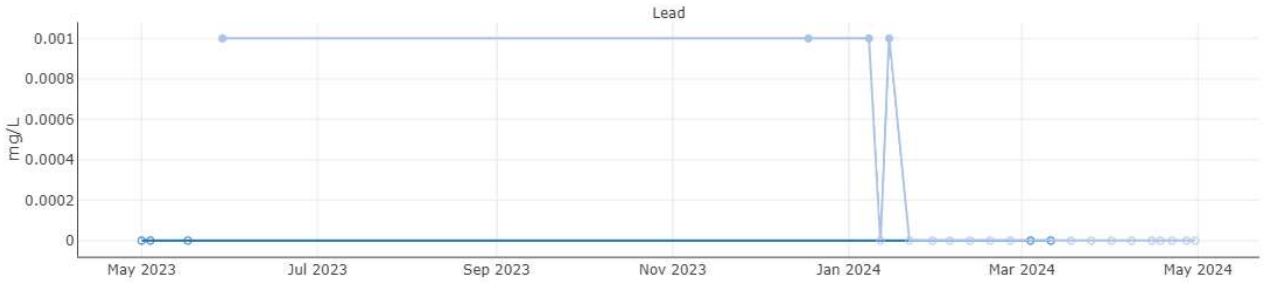

DO (Field)
mg/L
5
4
3
2
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Electrical Conductivity (Field)
µS/cm
250
200
150
100
50
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

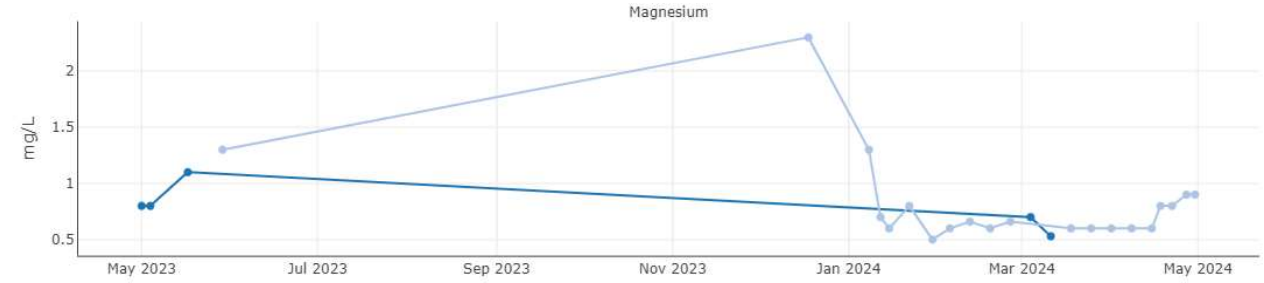

Hardness as CaCO3
mg/L
10
5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

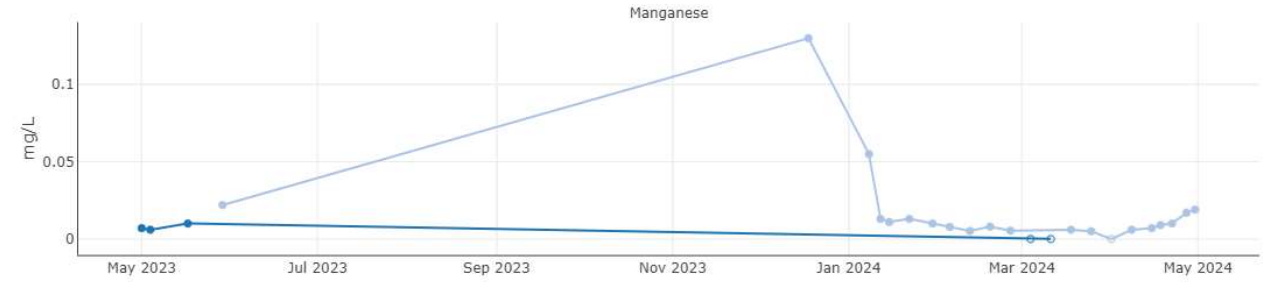

Iron
mg/L
1
0.8
0.6
0.4
0.2
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

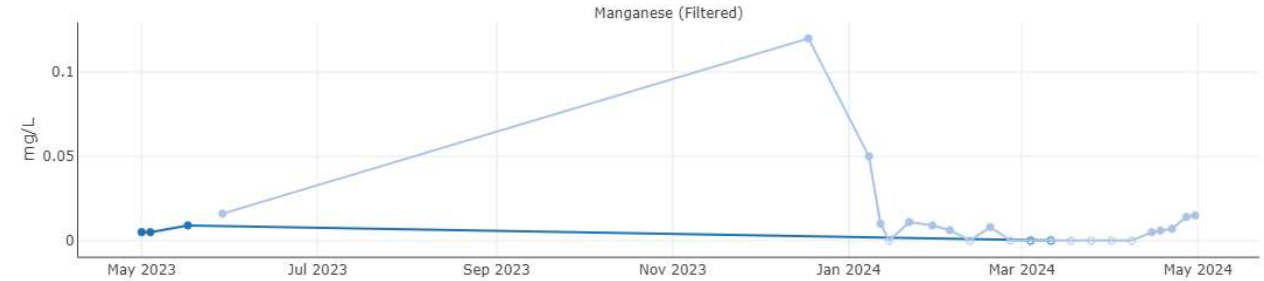

Iron (Filtered)
mg/L
0.3
0.2
0.1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

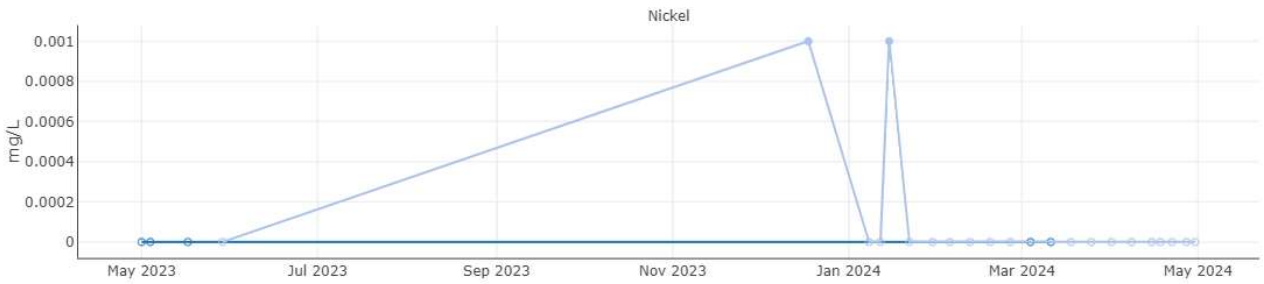

Lead
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

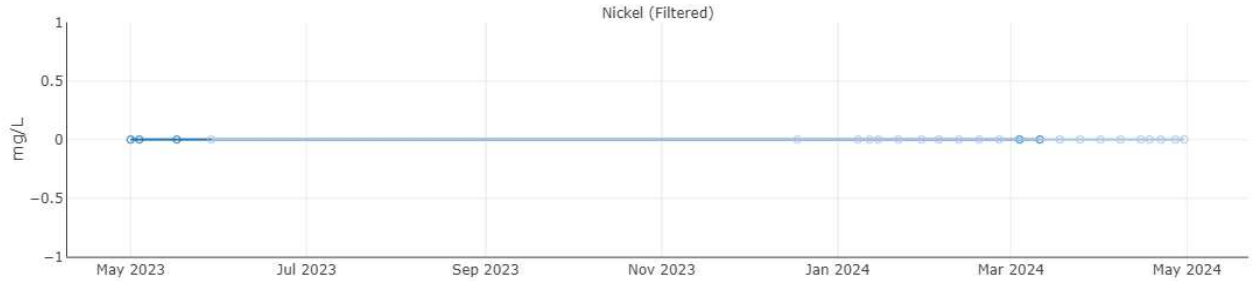

Lead (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

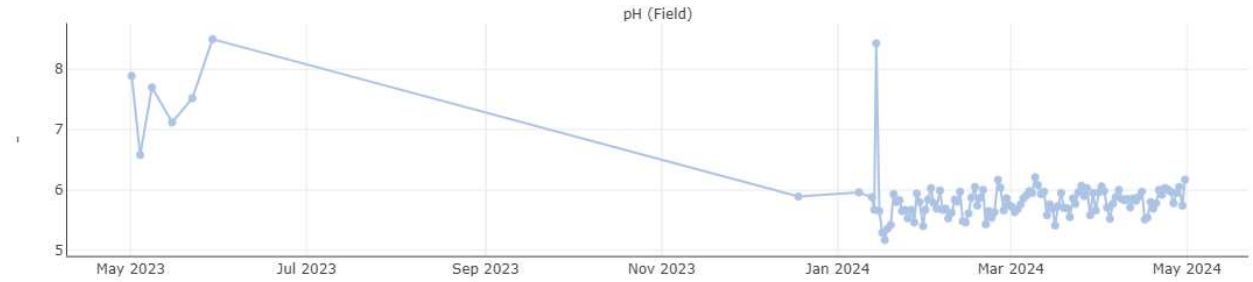

Magnesium
mg/L
2
1.5
1
0.5
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

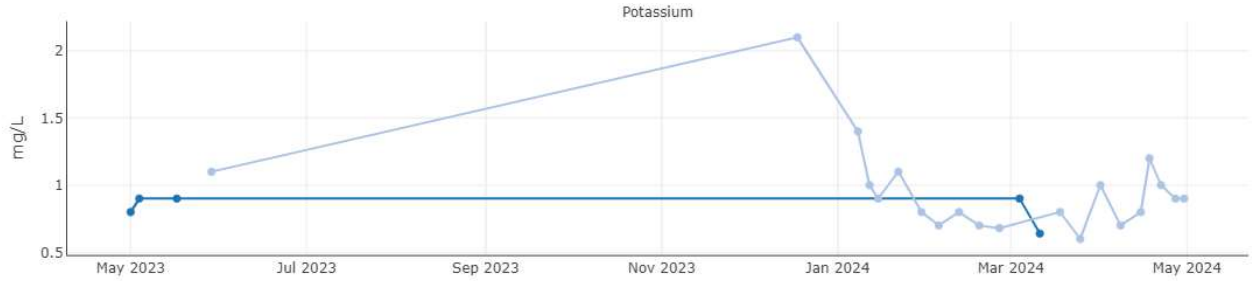

Manganese
mg/L
0.1
0.05
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Manganese (Filtered)
mg/L
0.1
0.05
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

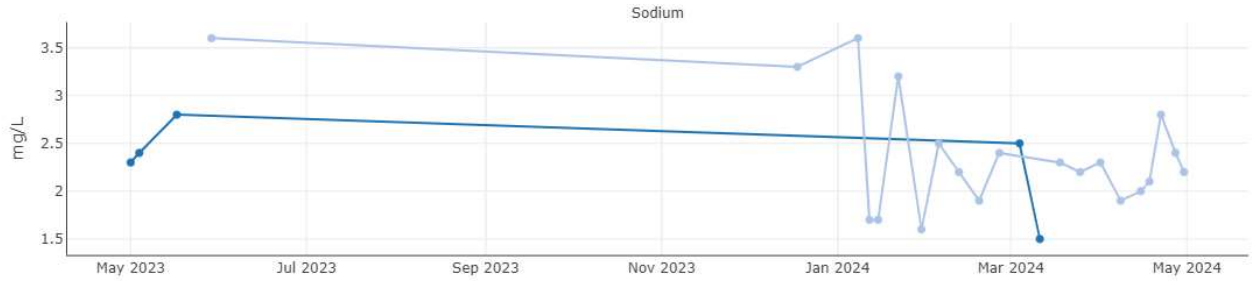

Nickel
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

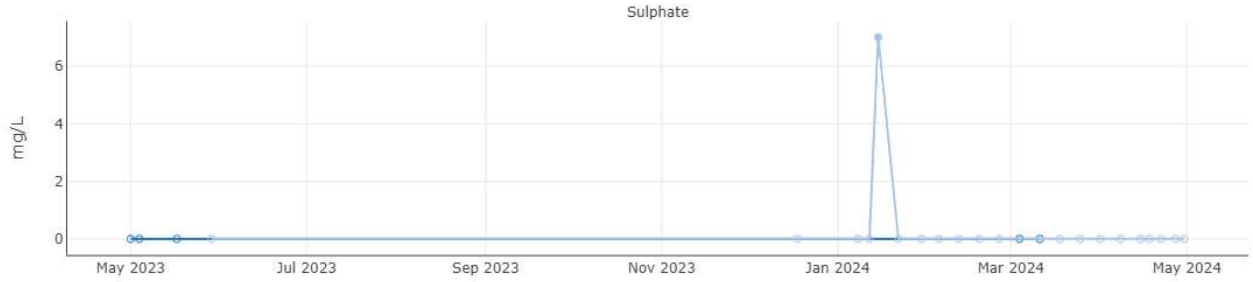

Nickel (Filtered)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

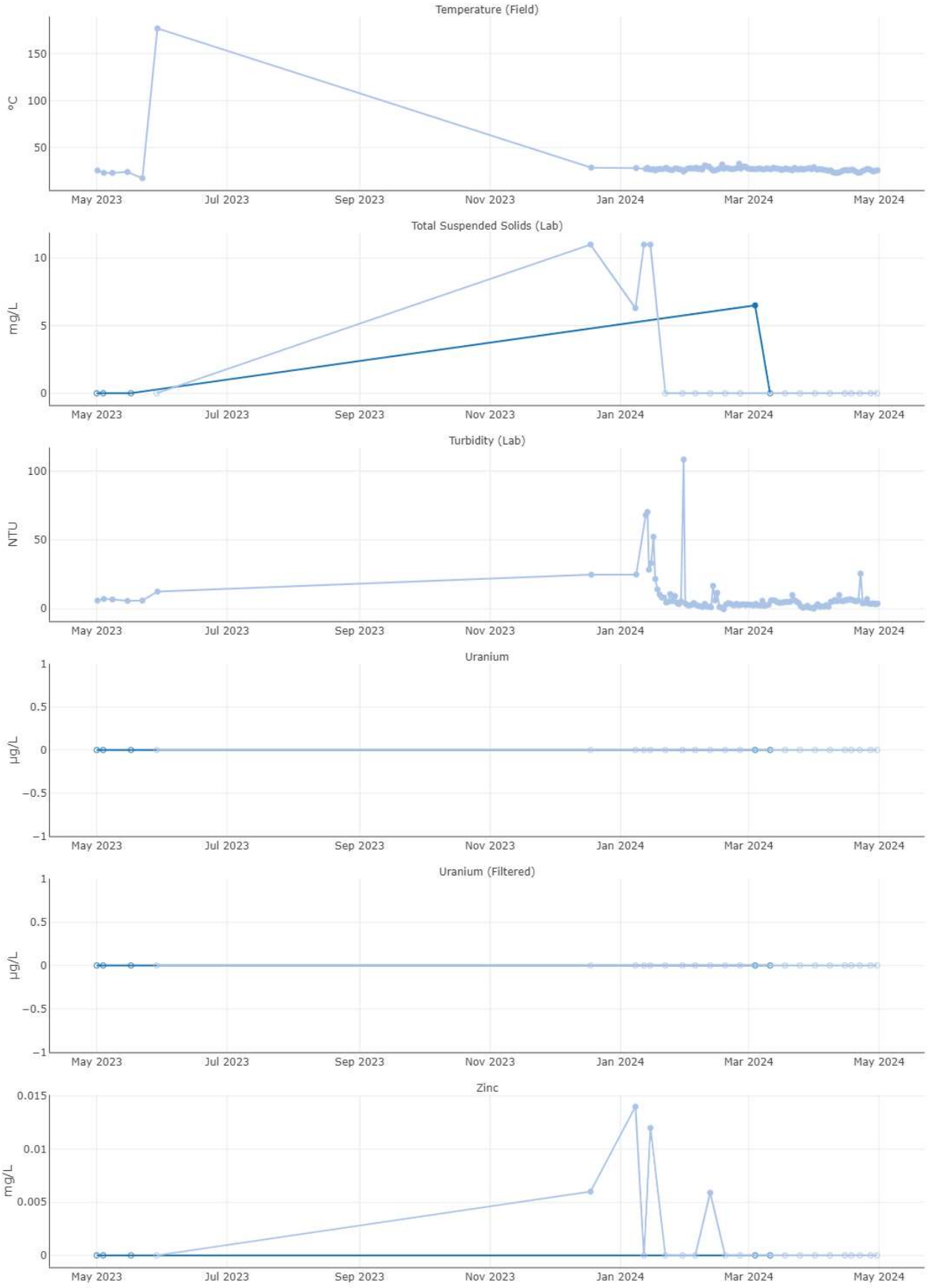

pH (Field)
-
8
7
6
5
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Potassium
mg/L
2
1.5
1
0.5
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Redox Potential (Field)
mV
200
100
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Sodium
mg/L
3.5
3
2.5
2
1.5
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Sulphate
mg/L
6
4
2
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Temperature (Field)
°C
150
100
50
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Total Suspended Solids (Lab)
mg/L
10
5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Turbidity (Lab)
NTU
100
50
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Uranium
µg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Uranium (Filtered)
µg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024
Zinc
mg/L
0.015
0.01
0.005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024



The report was generated based on the following filter:

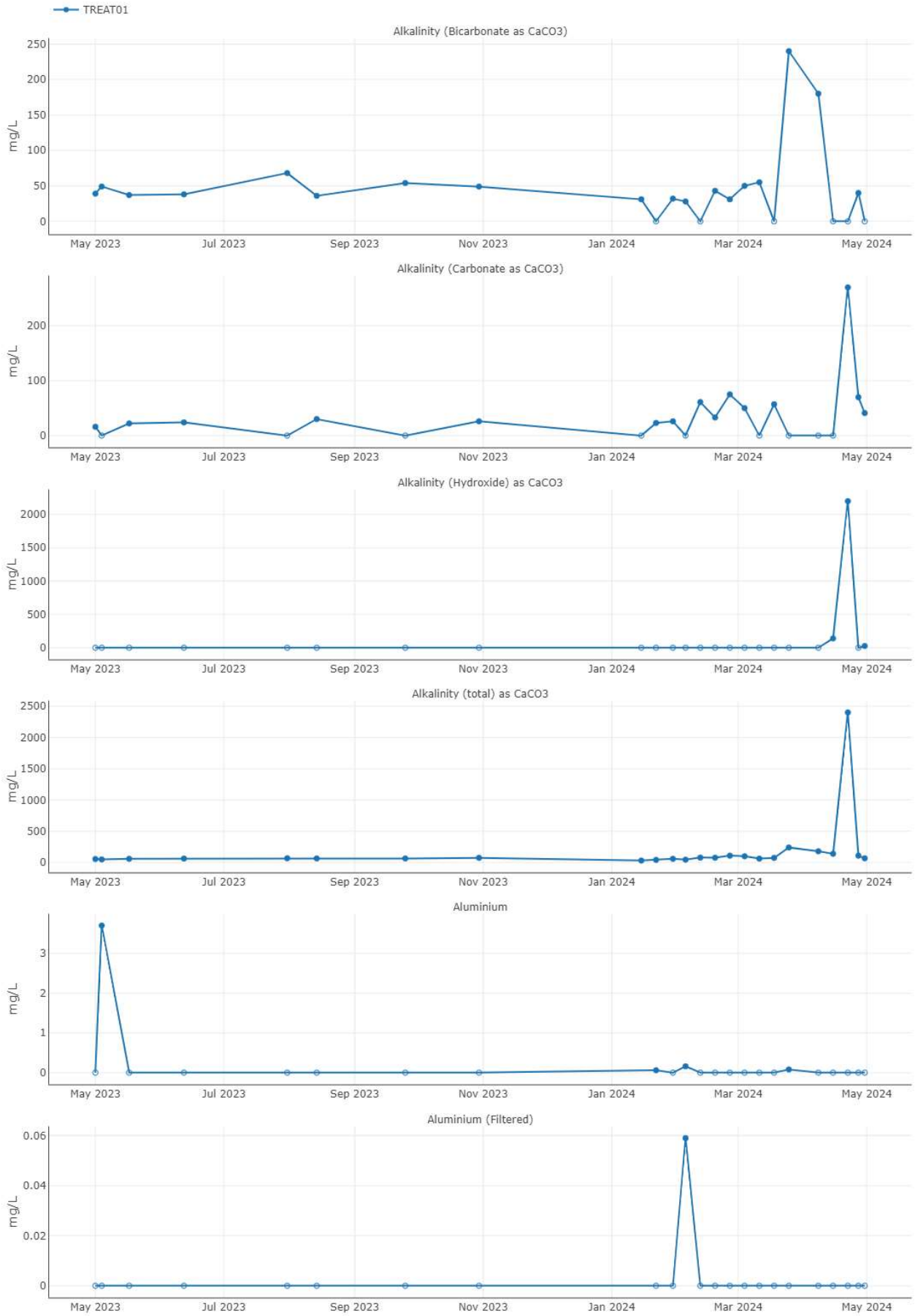
Sampled Date between "01 May 2023" and "",

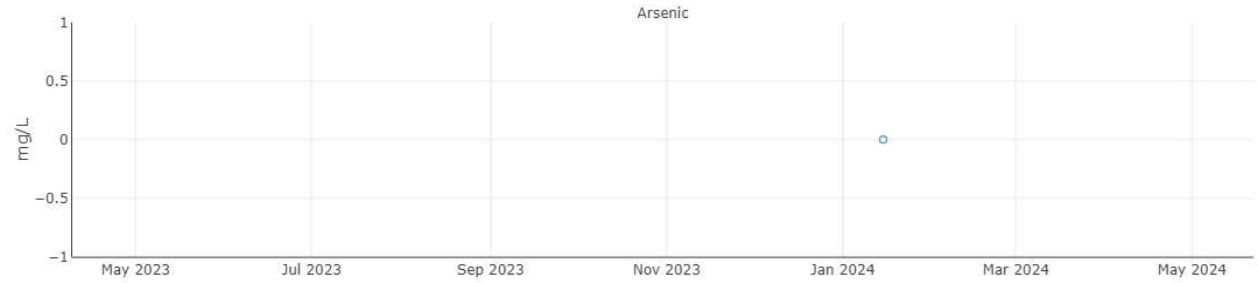
Locations In "SITE 4,SITE4"

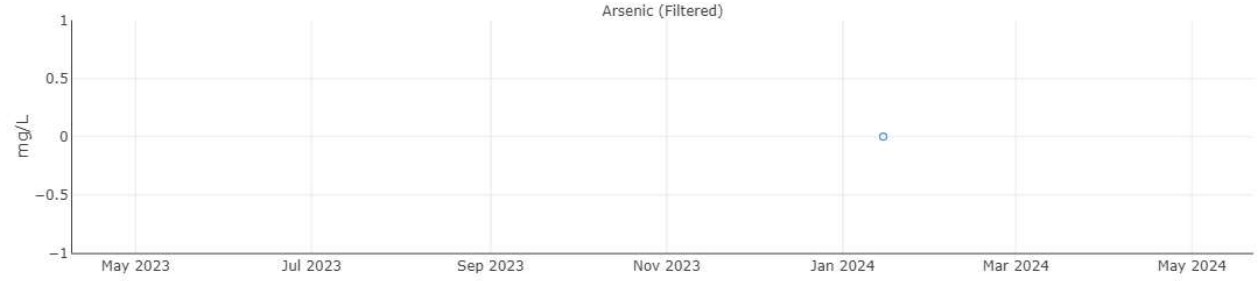
Non-detects are indicated by a hollow marker

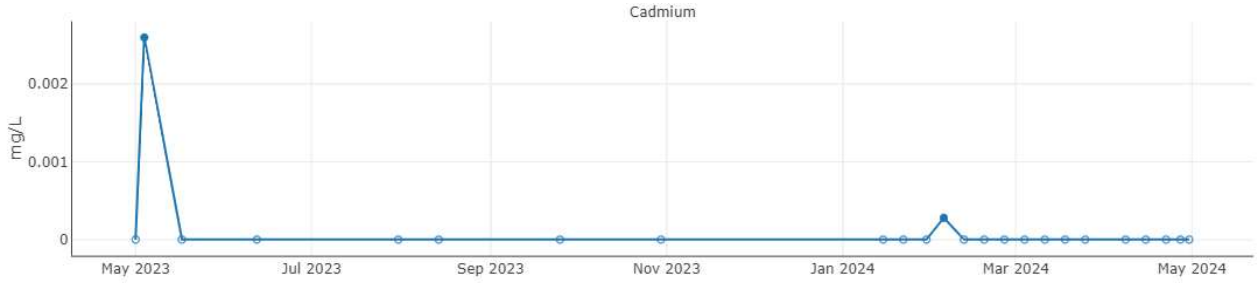
Publication Date: 15 May 2024

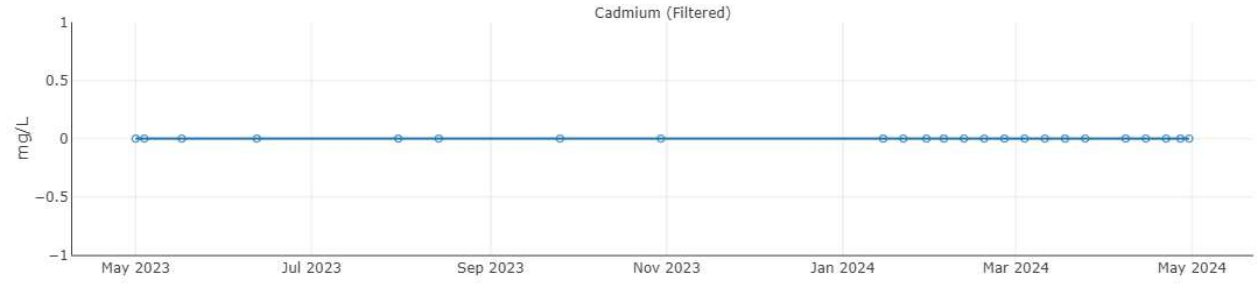
Chemistry Graph

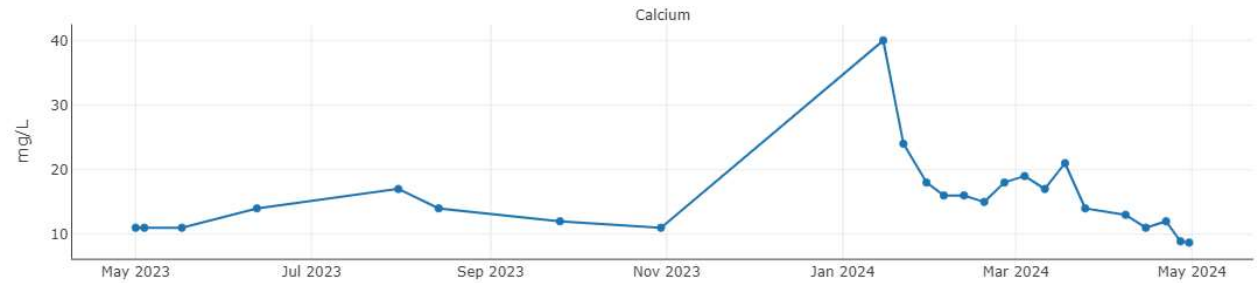


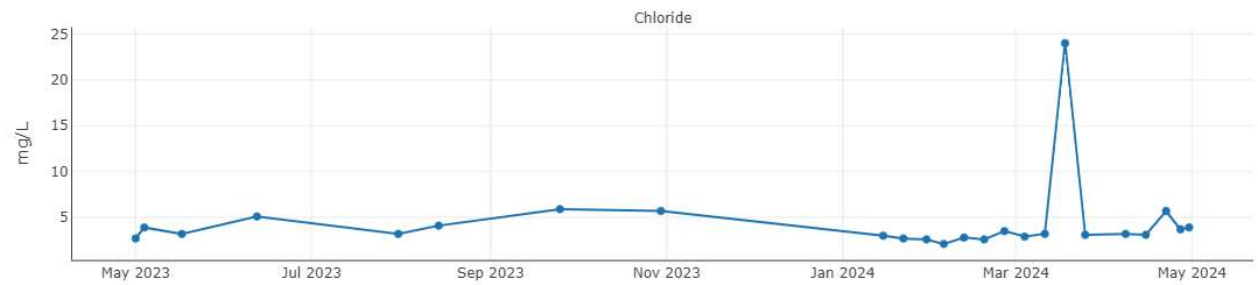

Arsenic
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

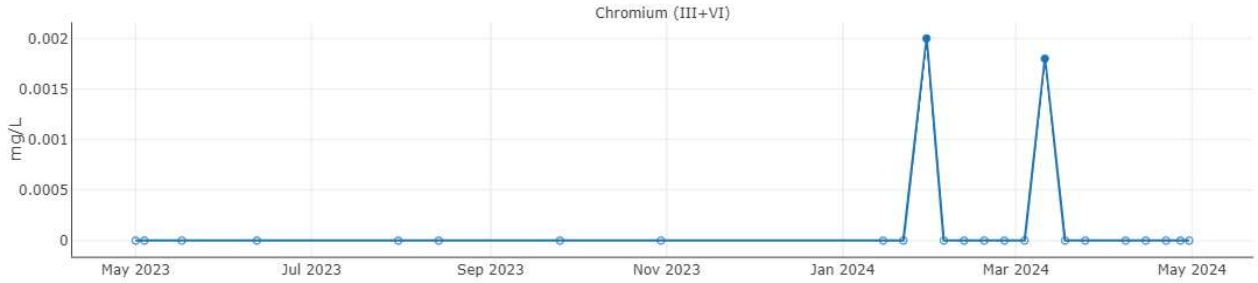

Arsenic (Filtered)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

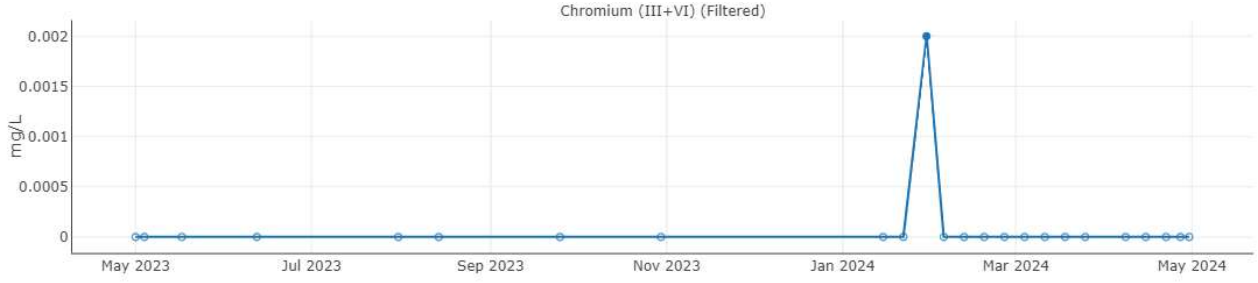

Cadmium
mg/L
0.002
0.001
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

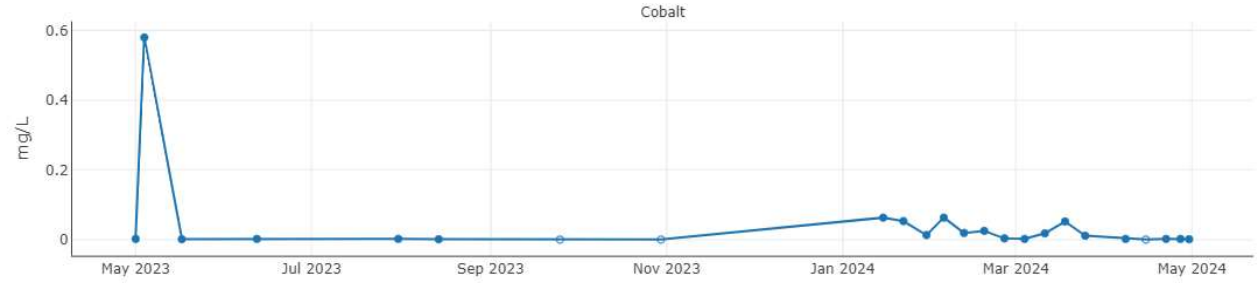

Cadmium (Filtered)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

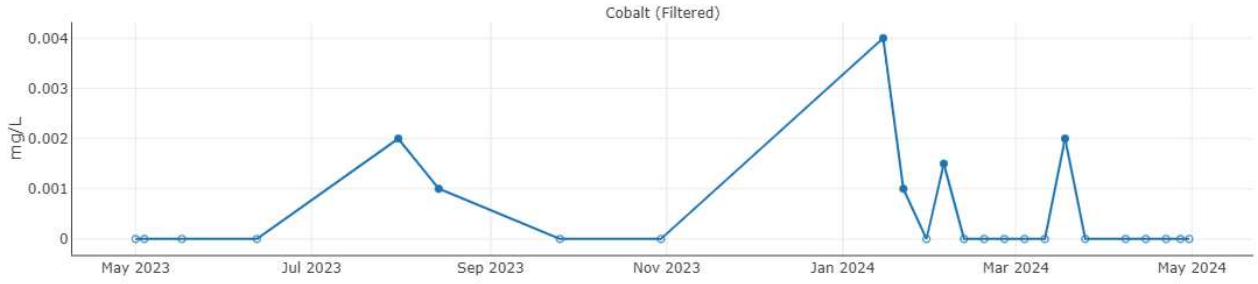

Calcium
mg/L
40
30
20
10
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

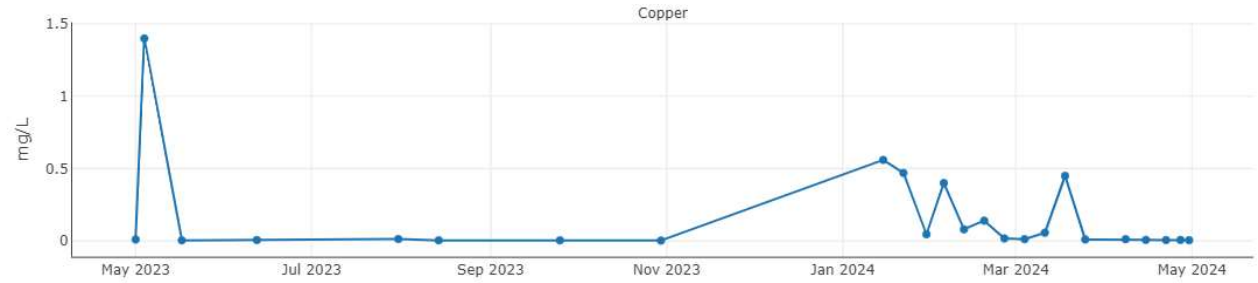

Chloride
mg/L
25
20
15
10
5
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

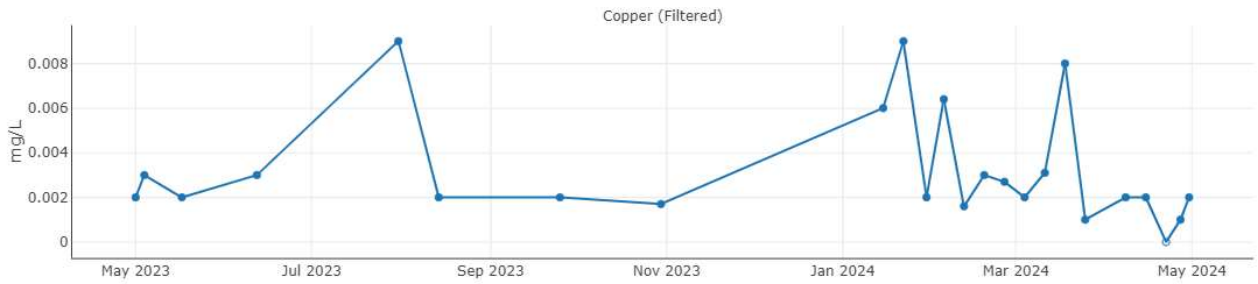

Chromium (III+VI)
mg/L
0.002
0.0015
0.001
0.0005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

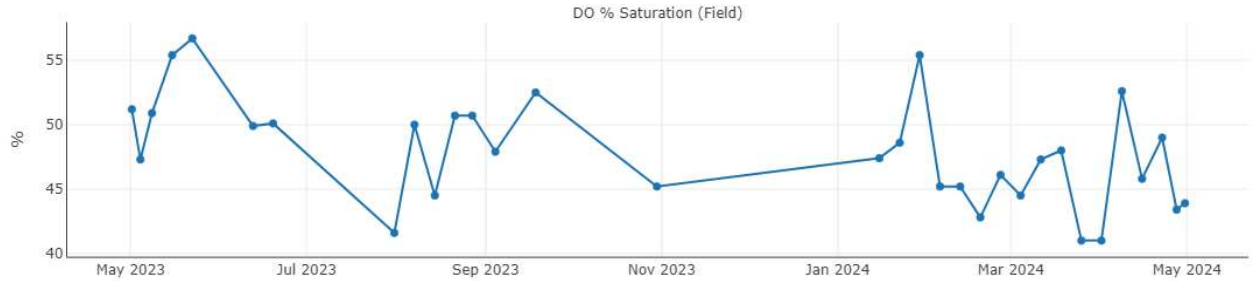

Chromium (III+VI) (Filtered)
mg/L
0.002
0.0015
0.001
0.0005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

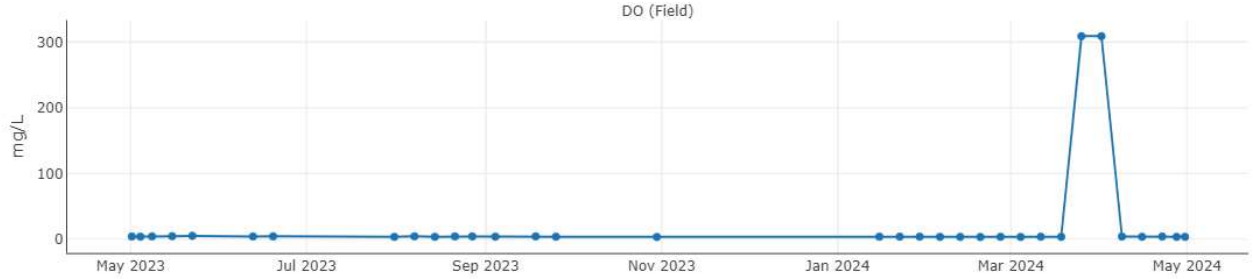

Cobalt
mg/L
0.6
0.4
0.2
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

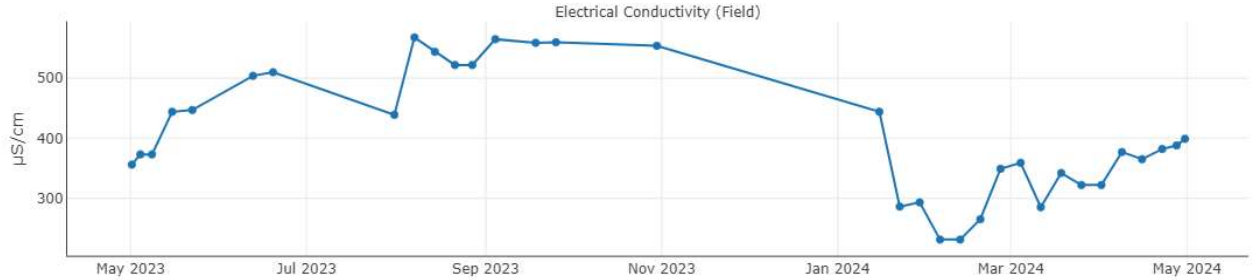

Cobalt (Filtered)
mg/L
0.004
0.003
0.002
0.001
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

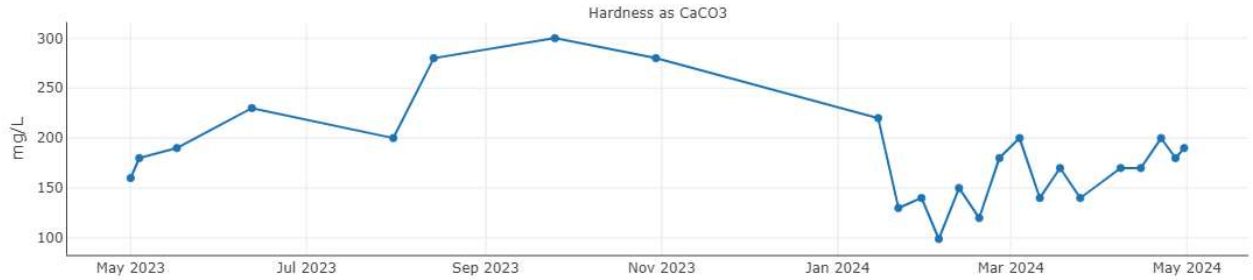

Copper
mg/L
1.5
1
0.5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

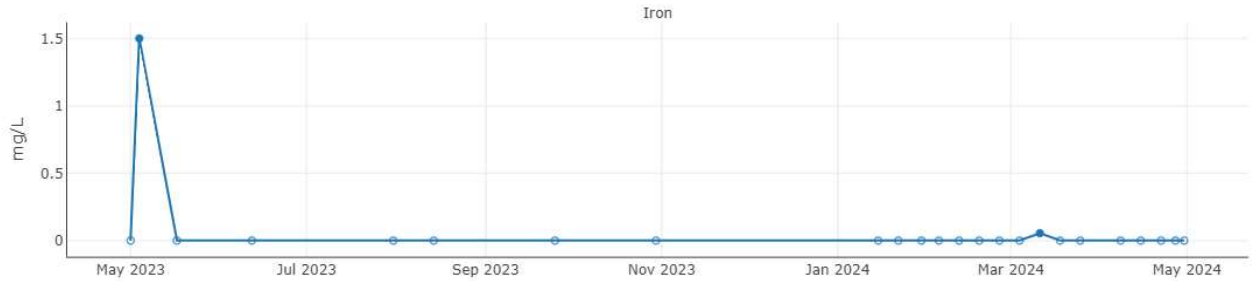

Copper (Filtered)
mg/L
0.008
0.006
0.004
0.002
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

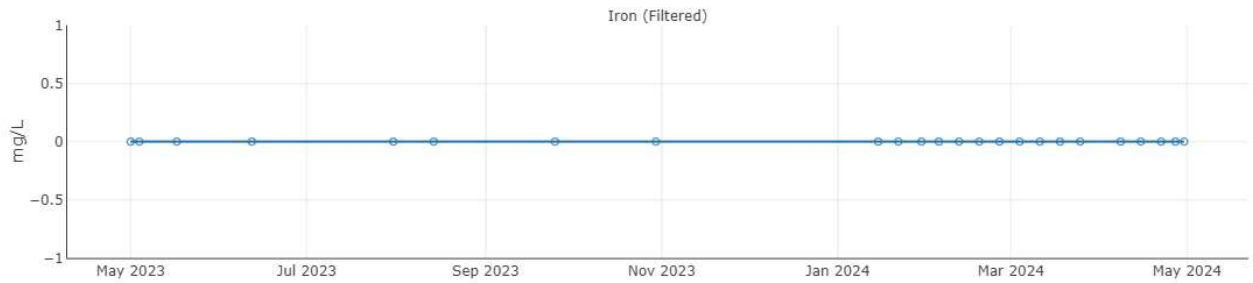

DO % Saturation (Field)
%
55
50
45
40
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


DO (Field)
mg/L
300
200
100
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

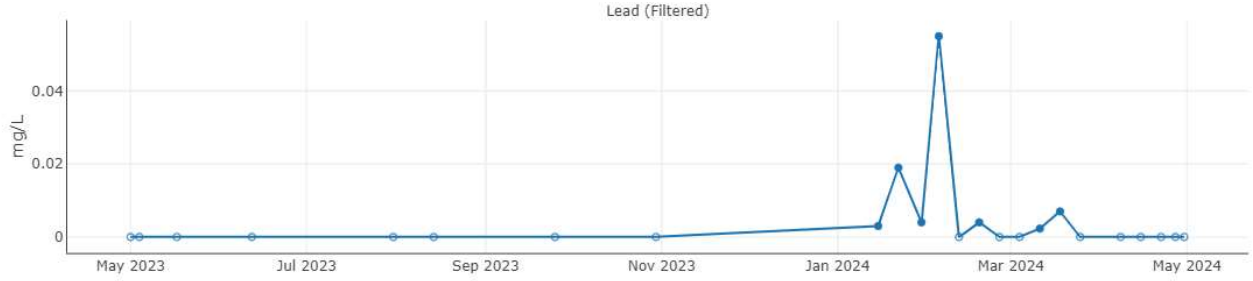

Electrical Conductivity (Field)
µS/cm
500
400
300
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

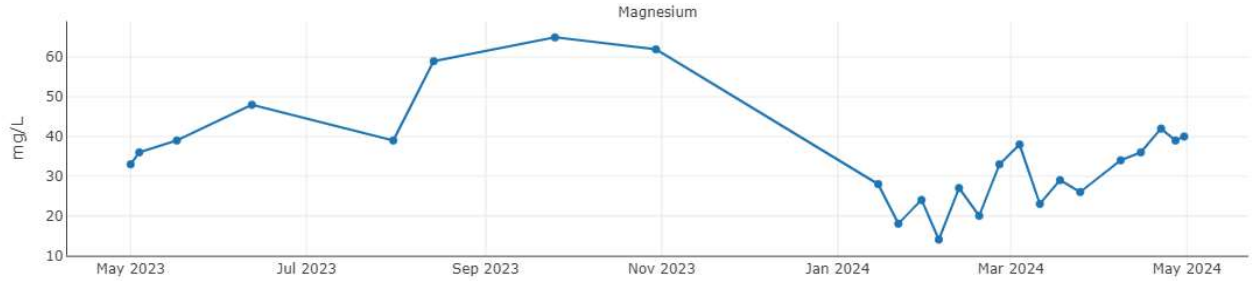

Hardness as CaCO3
mg/L
300
250
200
150
100
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

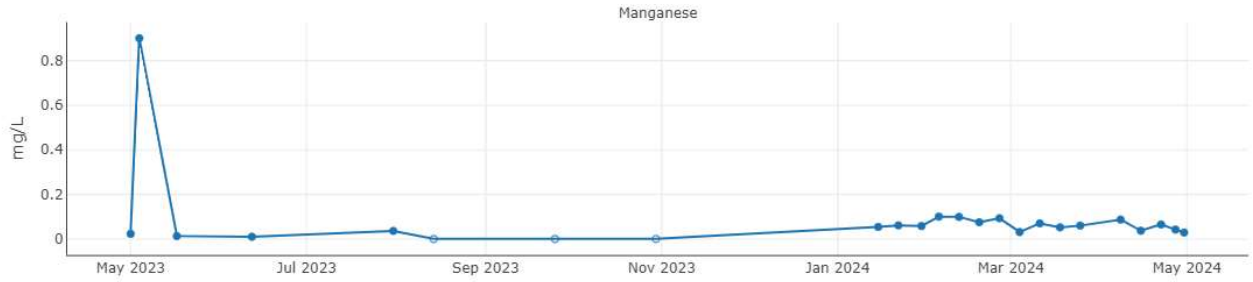

Iron
mg/L
1.5
1
0.5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

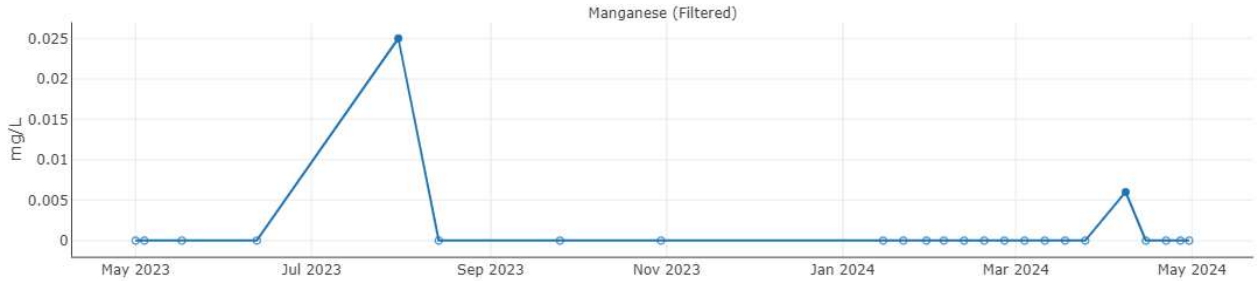

Iron (Filtered)
mg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

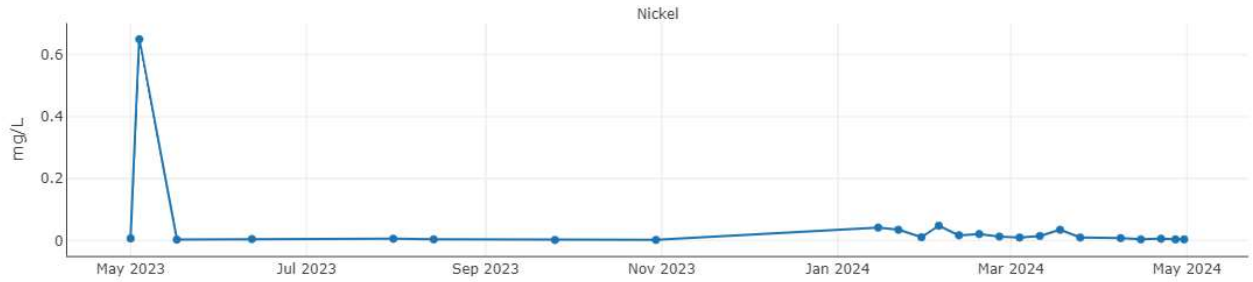

Lead
mg/L
0.1
0.05
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

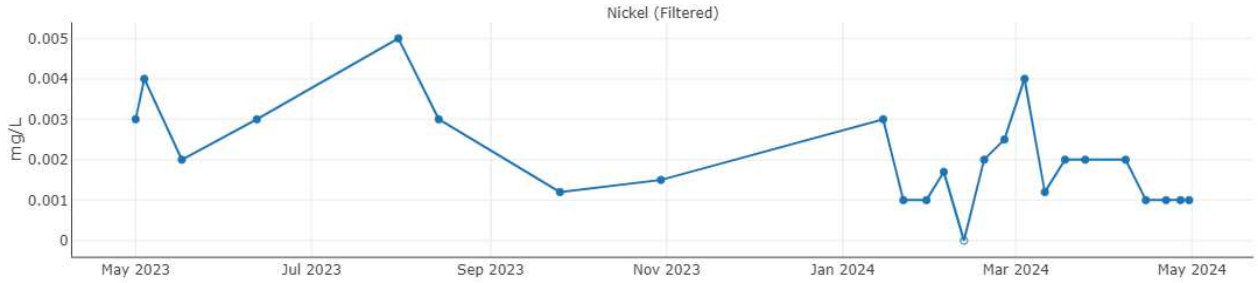

Lead (Filtered)
mg/L
0.04
0.02
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Magnesium
mg/L
60
50
40
30
20
10
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

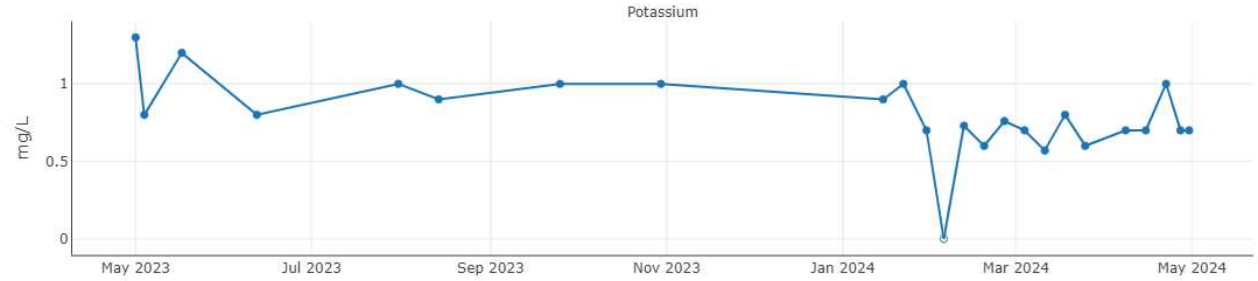

Manganese
mg/L
0.8
0.6
0.4
0.2
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Manganese (Filtered)
mg/L
0.025
0.02
0.015
0.01
0.005
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

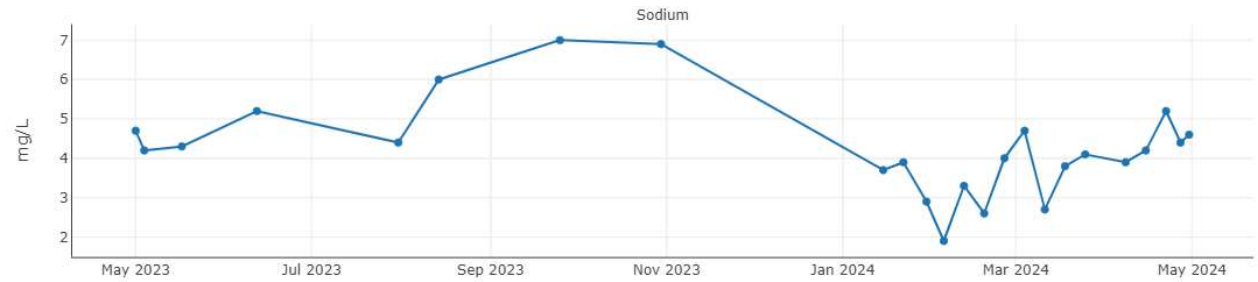

Nickel
mg/L
0.6
0.4
0.2
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

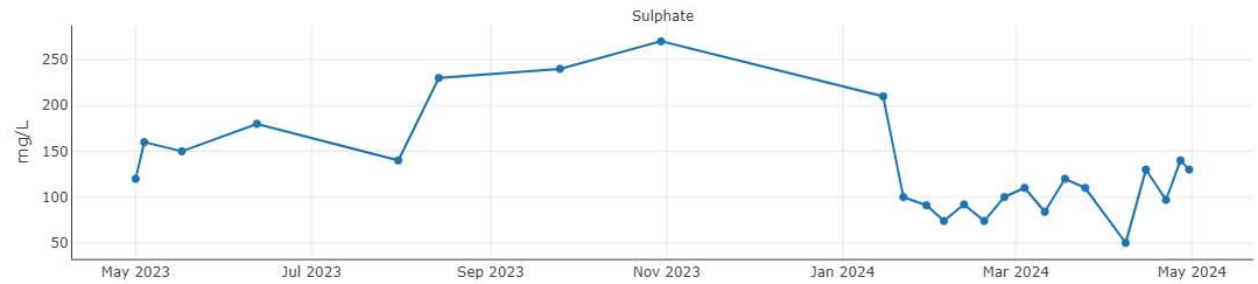

Nickel (Filtered)
mg/L
0.005
0.004
0.003
0.002
0.001
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

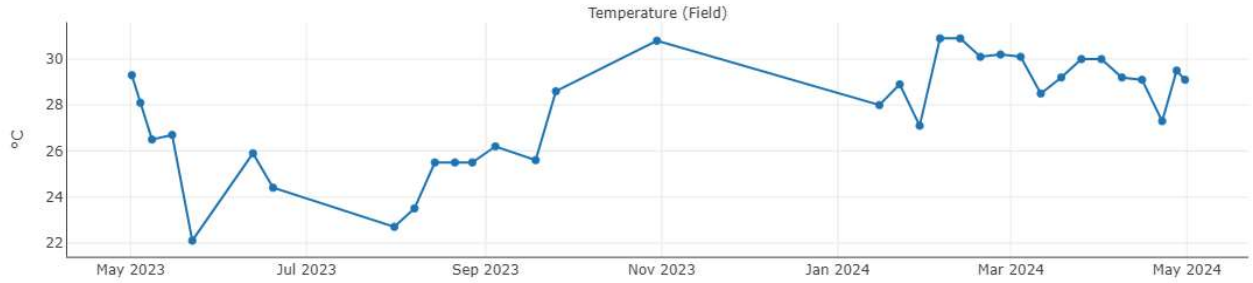

pH (Field)
-
9.5
9
8.5
8
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Potassium
mg/L
1
0.5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

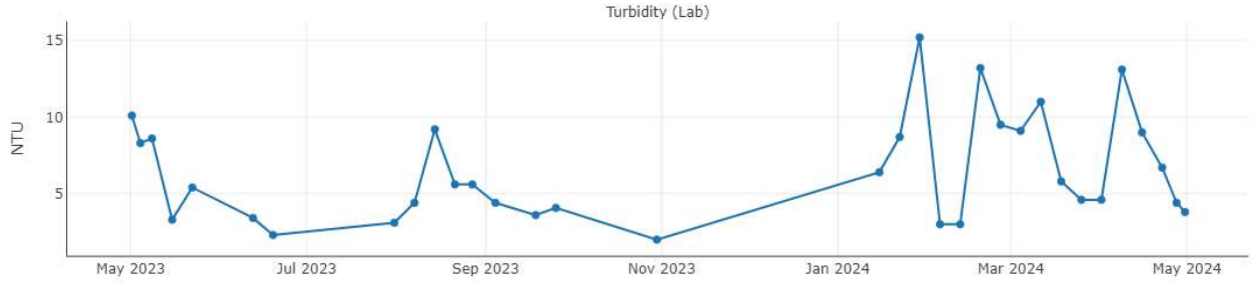

Redox Potential (Field)
mV
150
100
50
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

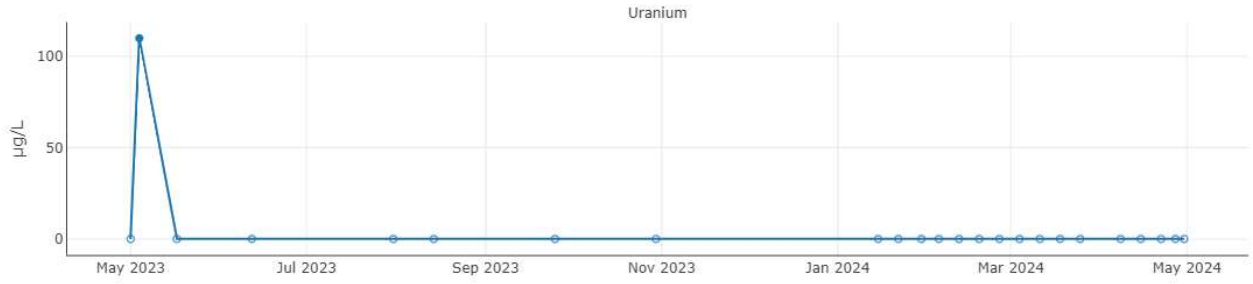

Sodium
mg/L
7
6
5
4
3
2
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

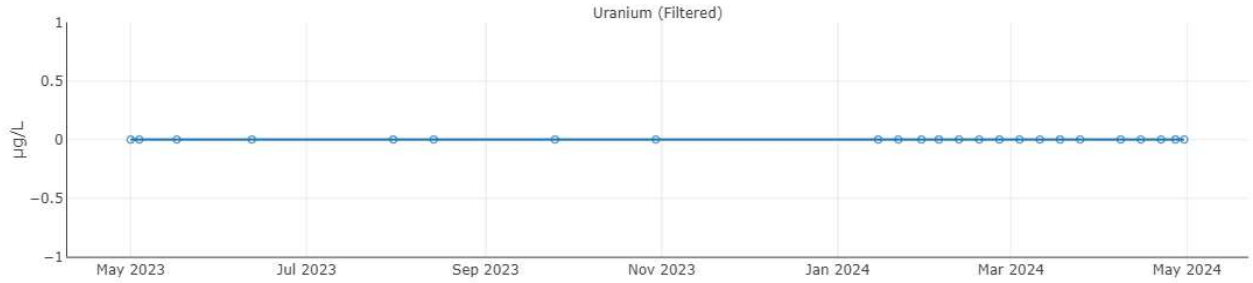

Sulphate
mg/L
250
200
150
100
50
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

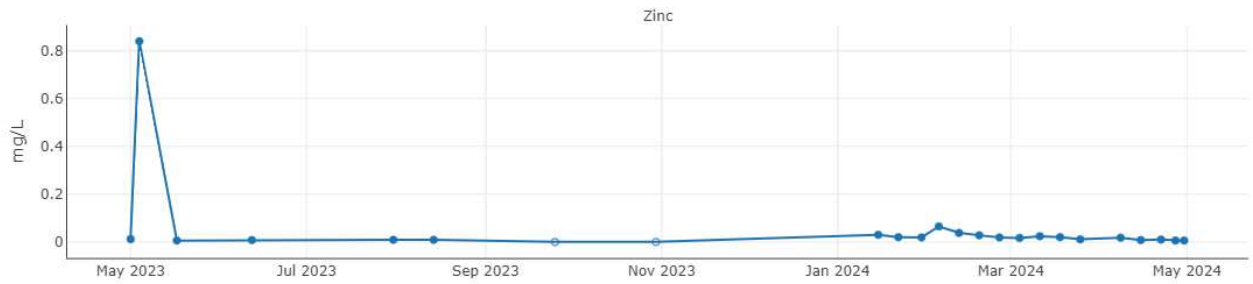

Temperature (Field)
°C
30
28
26
24
22
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024

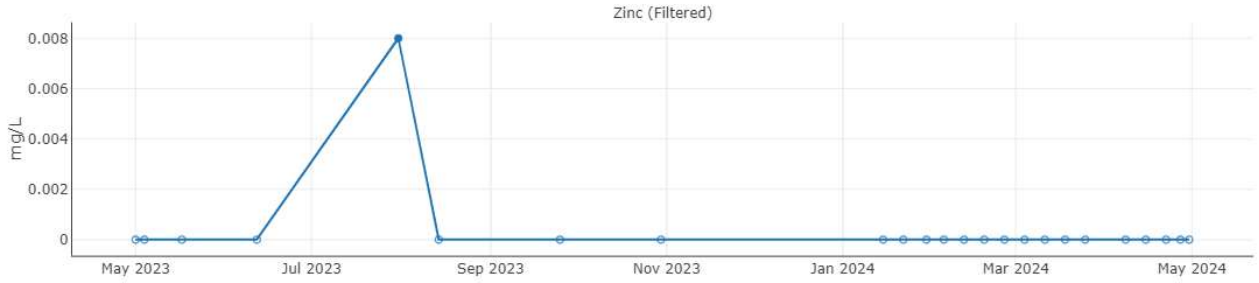

Total Suspended Solids (Lab)
mg/L
15
10
5
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Turbidity (Lab)
NTU
15
10
5
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Uranium
µg/L
100
50
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Uranium (Filtered)
µg/L
1
0.5
0
−0.5
−1
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024


Zinc
mg/L
0.8
0.6
0.4
0.2
0
May 2023
Jul 2023
Sep 2023
Nov 2023
Jan 2024
Mar 2024
May 2024



The report was generated based on the following filter:

Sampled Date between "01 May 2023" and "",

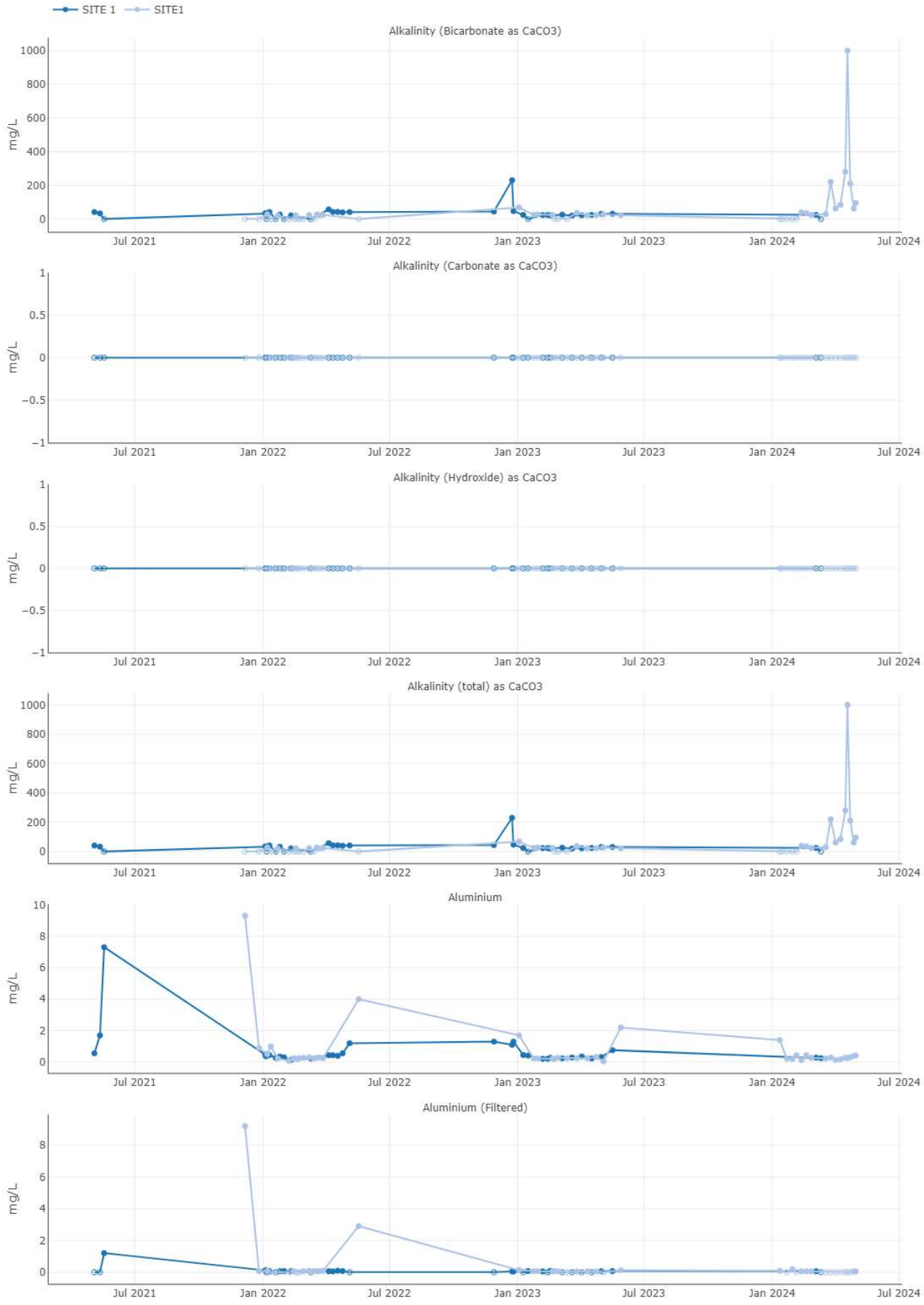
Locations In "TREAT01"

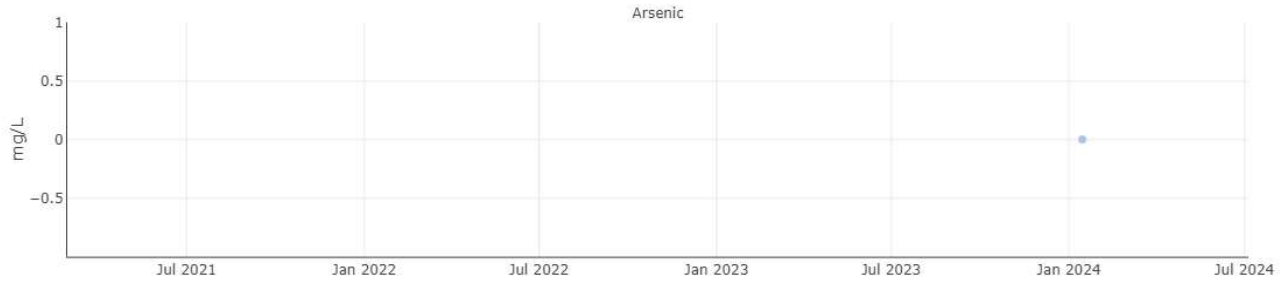
Non-detects are indicated by a hollow marker

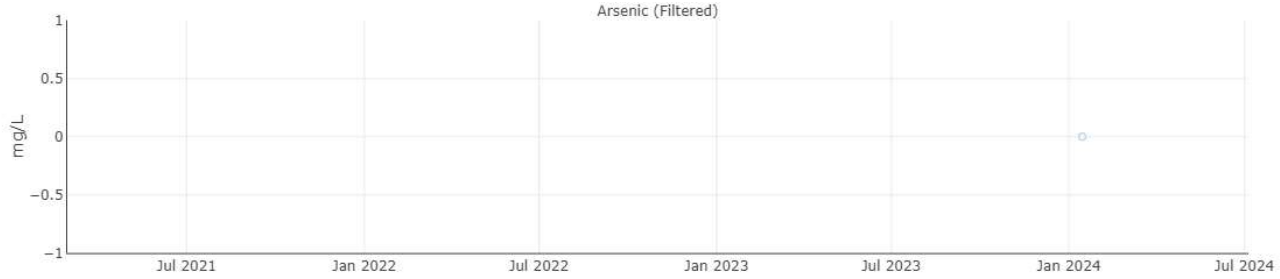
Publication Date: 15 May 2024

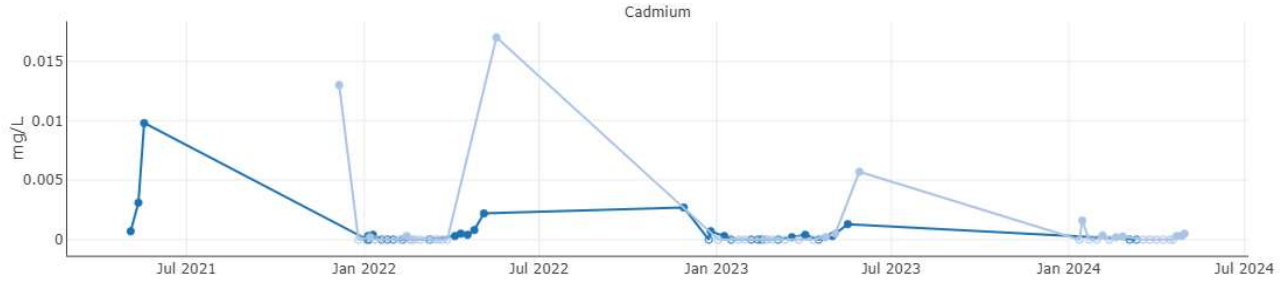
APPENDIX D – GRAPHS OF TREND DATA FOR 2021 - 2024

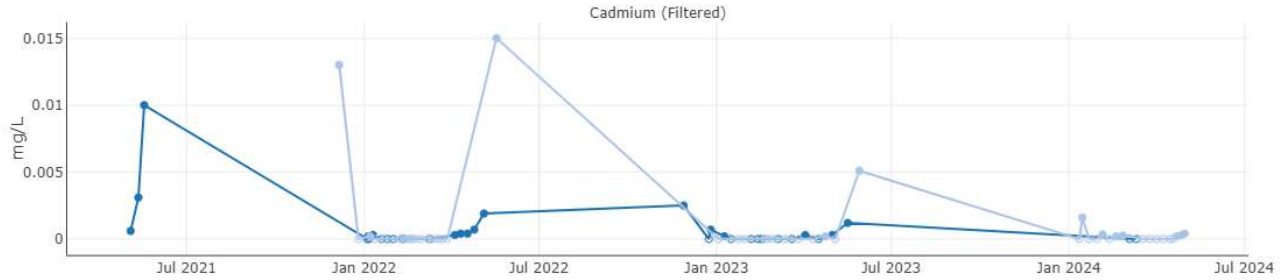
Chemistry Graph

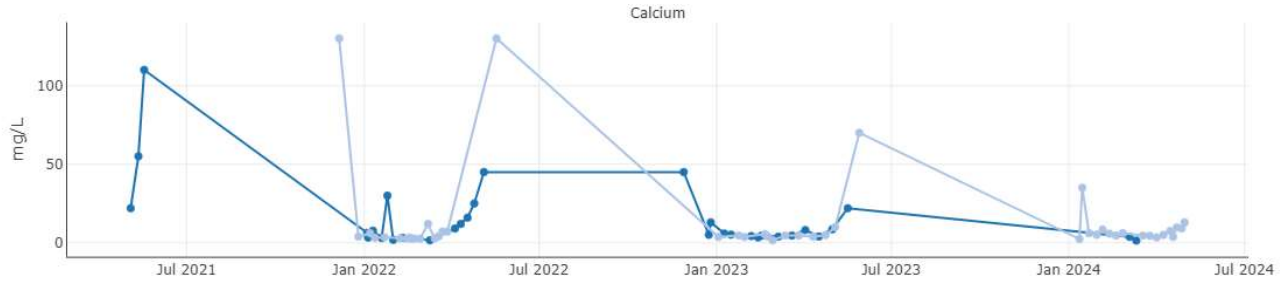


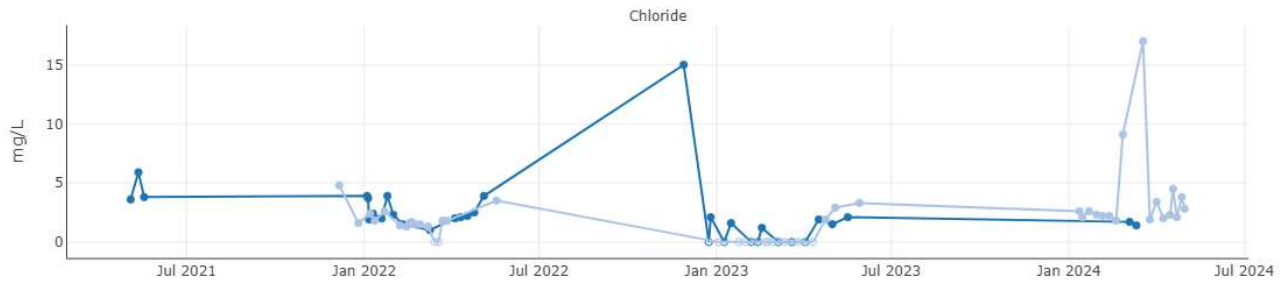

Arsenic
mg/L
1
0.5
0
−0.5
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

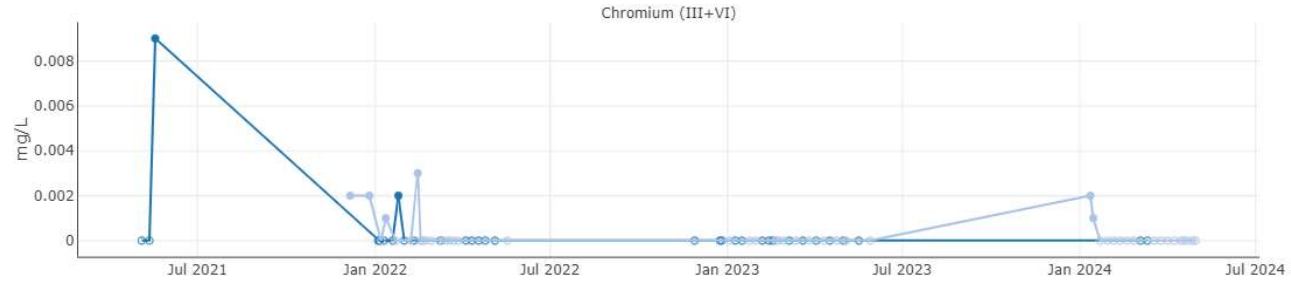

Arsenic (Filtered)
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

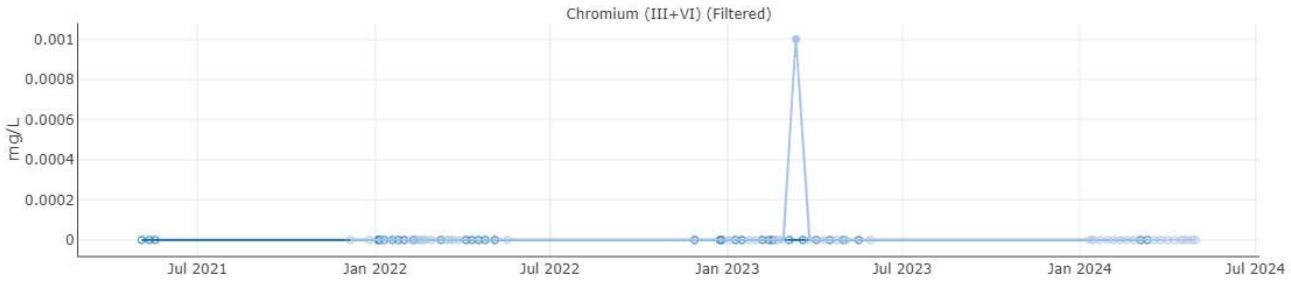

Cadmium
mg/L
0.015
0.01
0.005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

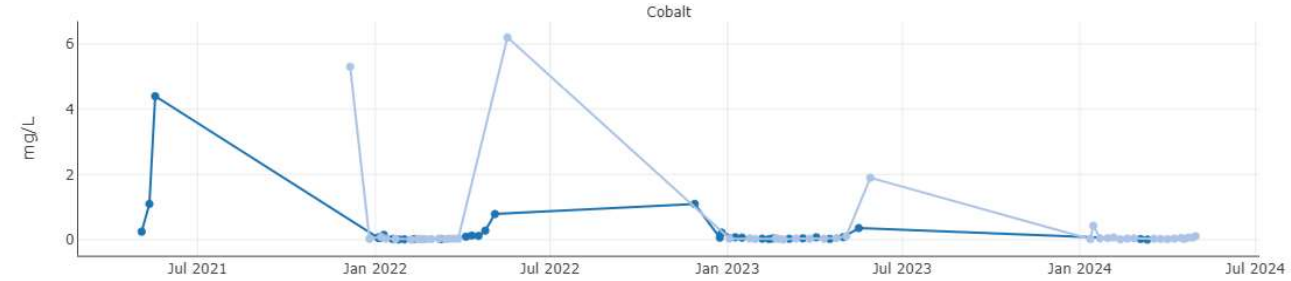

Cadmium (Filtered)
mg/L
0.015
0.01
0.005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

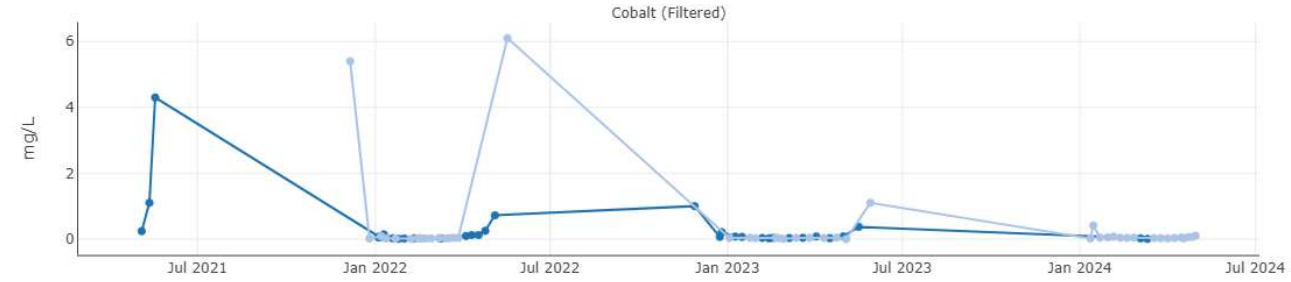

Calcium
mg/L
100
50
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Chloride
mg/L
15
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Chromium (III+VI)
mg/L
0.008
0.006
0.004
0.002
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

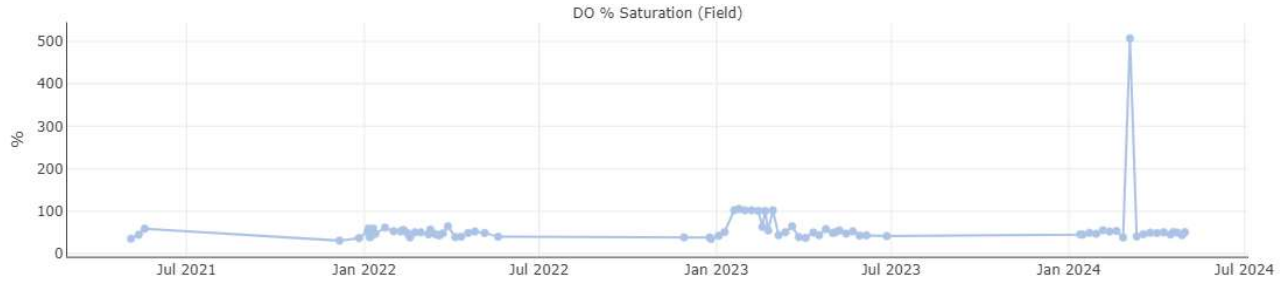

Chromium (III+VI) (Filtered)
mg/L
0.001
0.0008
0.0006
0.0004
0.0002
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

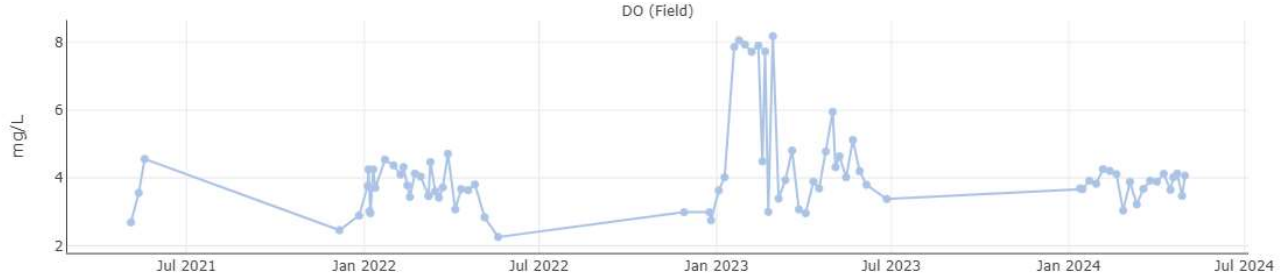

Cobalt
mg/L
6
4
2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

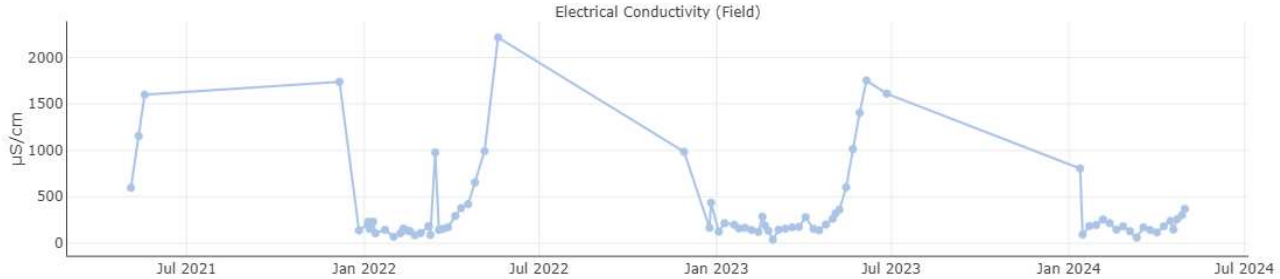

Cobalt (Filtered)
mg/L
6
4
2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

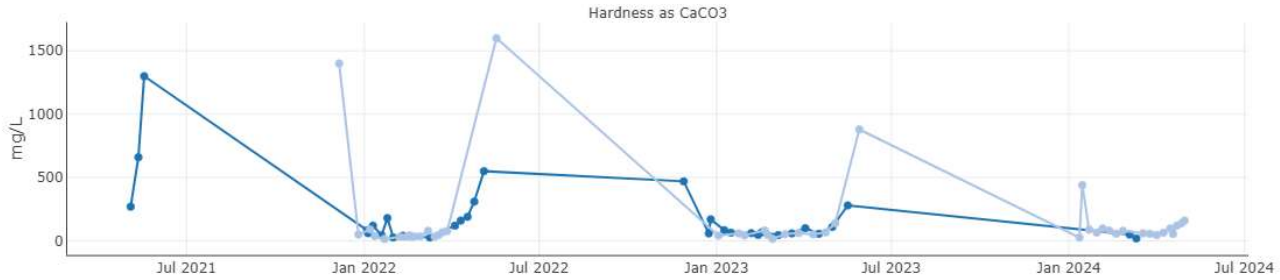

Copper
mg/L
2
1
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

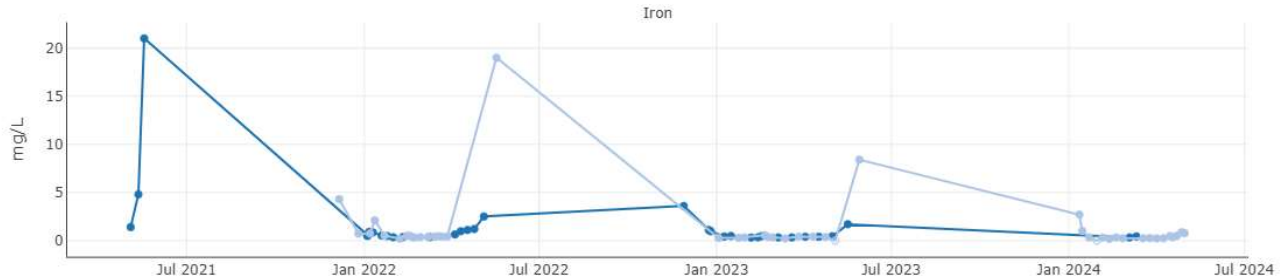

Copper (Filtered)
mg/L
2
1
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

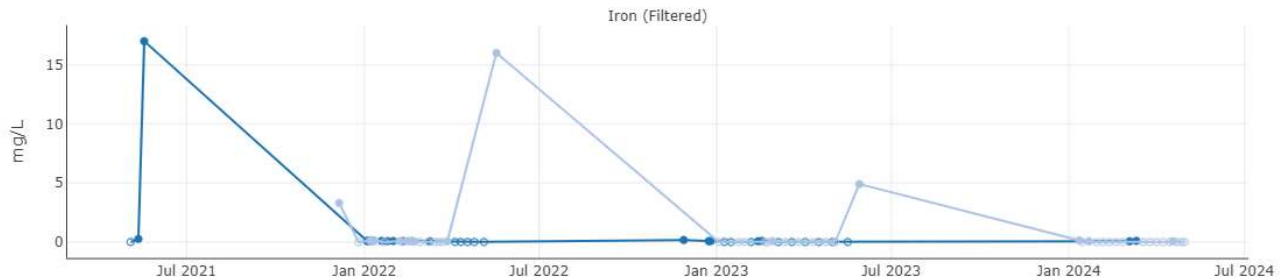

DO % Saturation (Field)
%
500
400
300
200
100
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

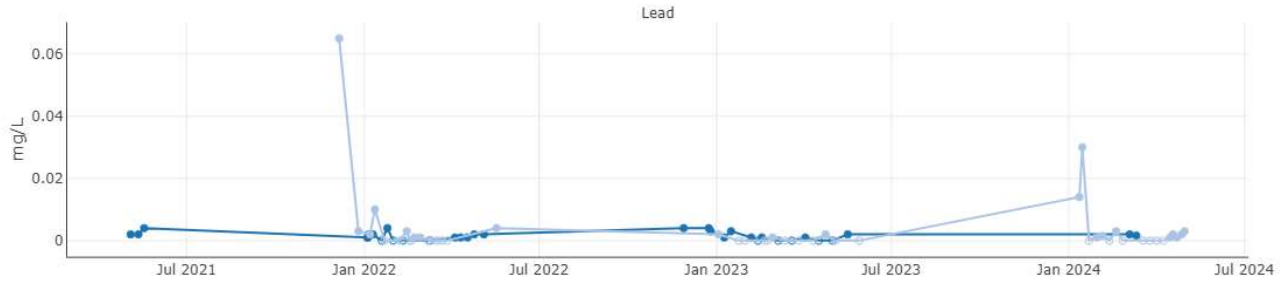

DO (Field)
mg/L
8
6
4
2
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

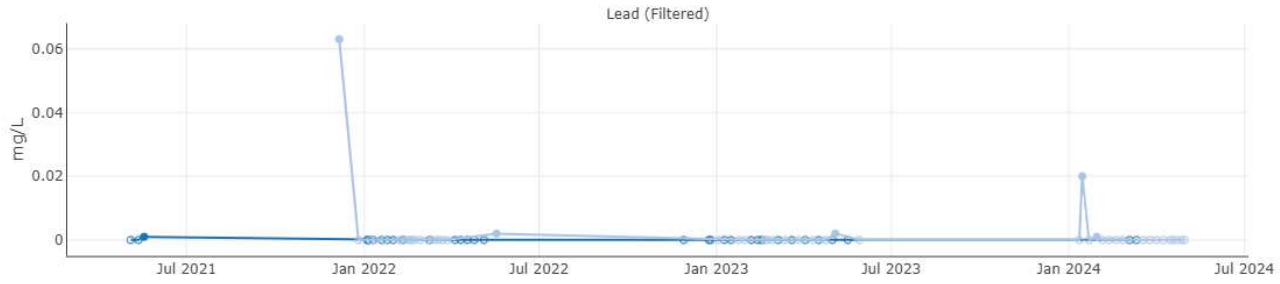

Electrical Conductivity (Field)
µS/cm
2000
1500
1000
500
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

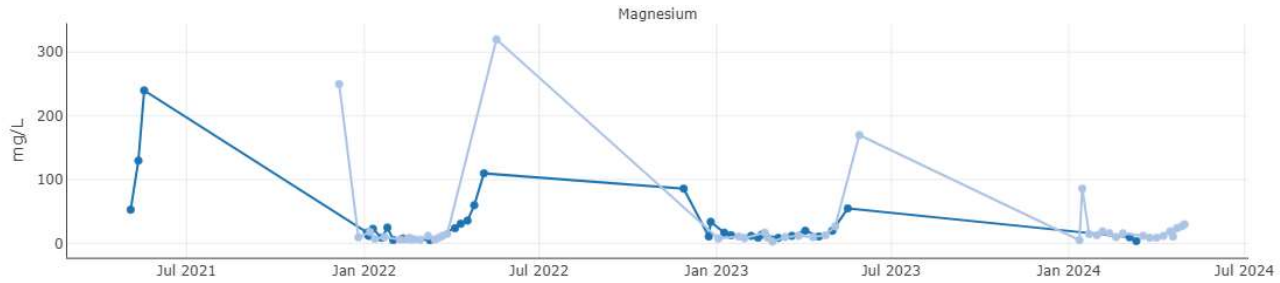

Hardness as CaCO3
mg/L
1500
1000
500
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Iron
mg/L
20
15
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Iron (Filtered)
mg/L
15
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

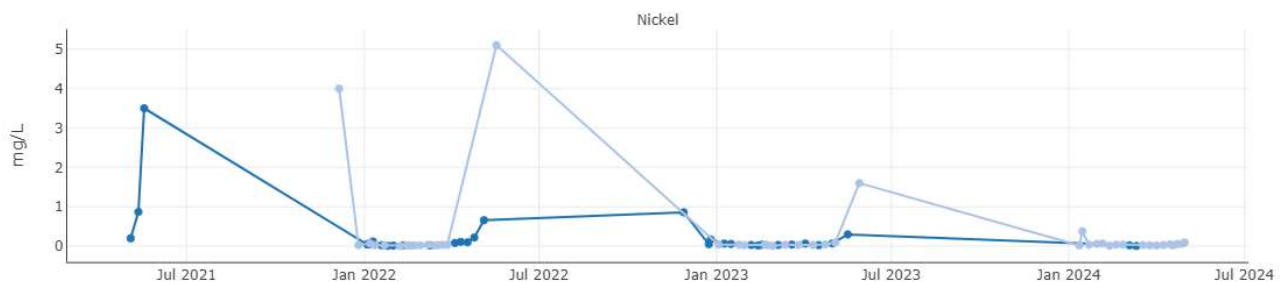

Lead
mg/L
0.06
0.04
0.02
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

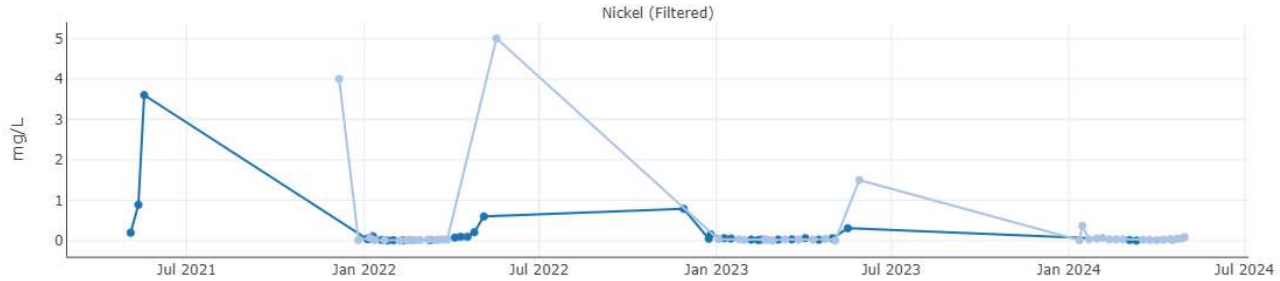

Lead (Filtered)
mg/L
0.06
0.04
0.02
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

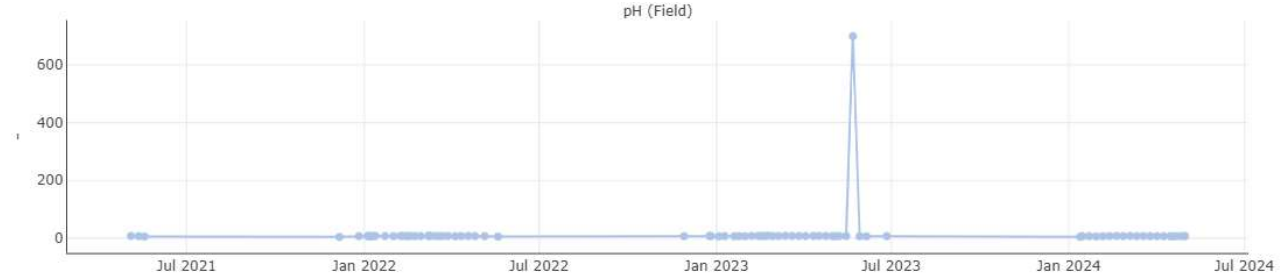

Magnesium
mg/L
300
200
100
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

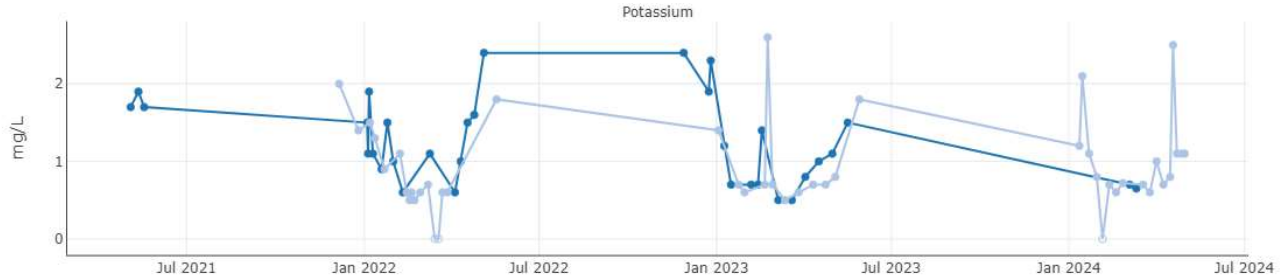

Manganese
mg/L
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

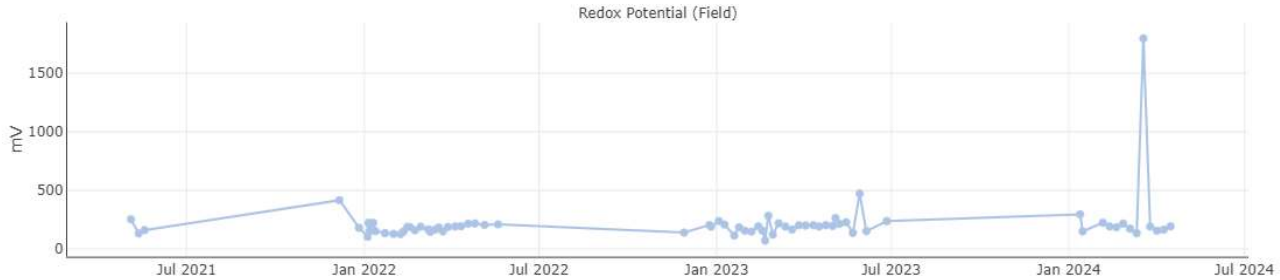

Manganese (Filtered)
mg/L
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

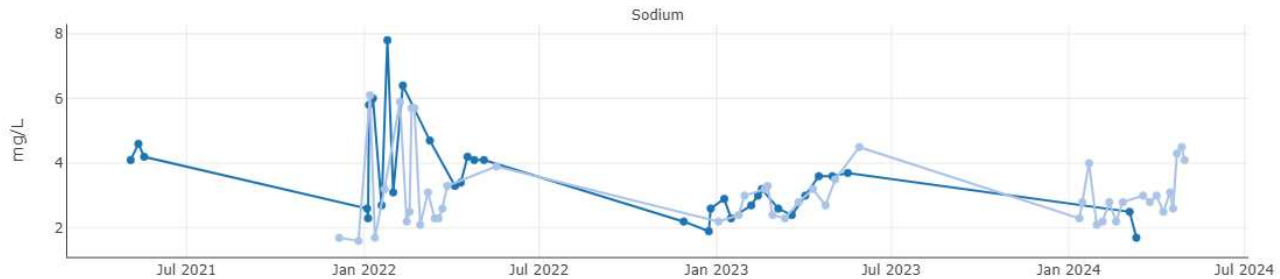

Nickel
mg/L
5
4
3
2
1
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

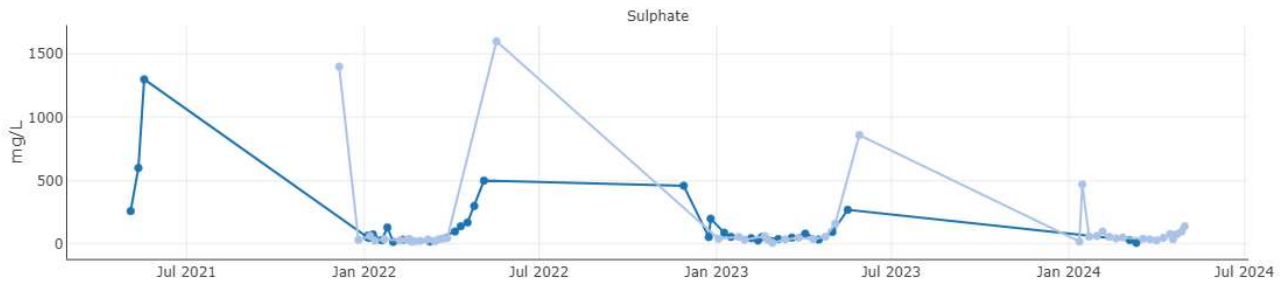

Nickel (Filtered)
mg/L
5
4
3
2
1
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


pH (Field)
-
600
400
200
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Potassium
mg/L
2
1
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

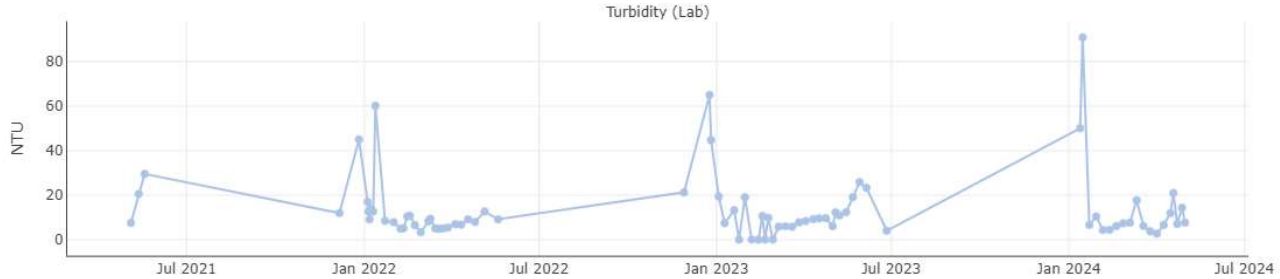

Redox Potential (Field)
mV
1500
1000
500
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Sodium
mg/L
8
6
4
2
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

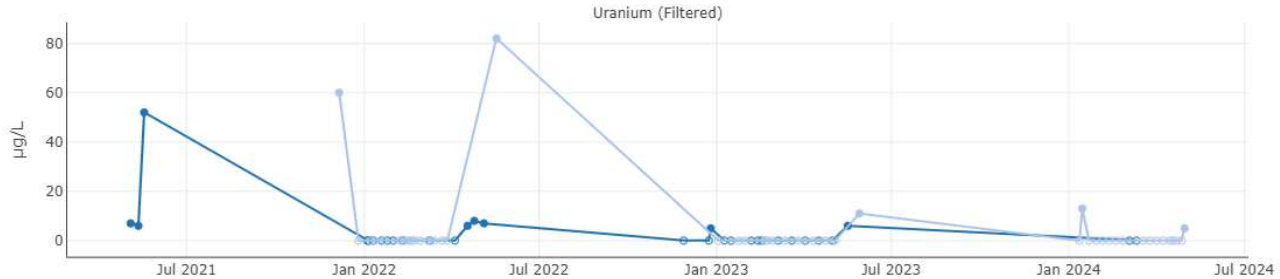

Sulphate
mg/L
1500
1000
500
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

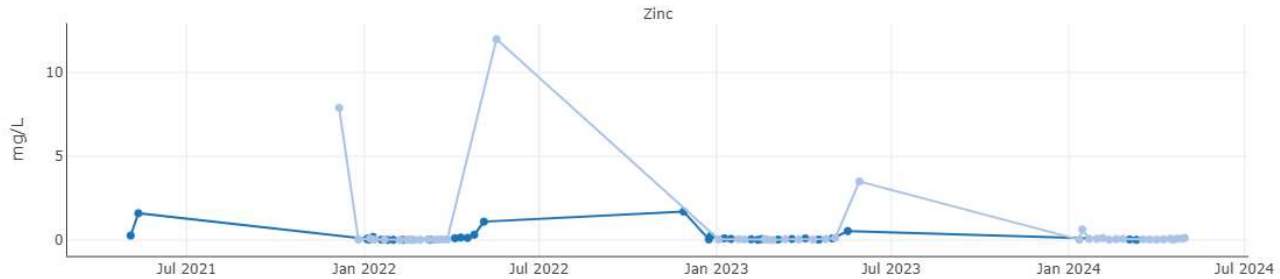

Temperature (Field)
°C
35
30
25
20
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

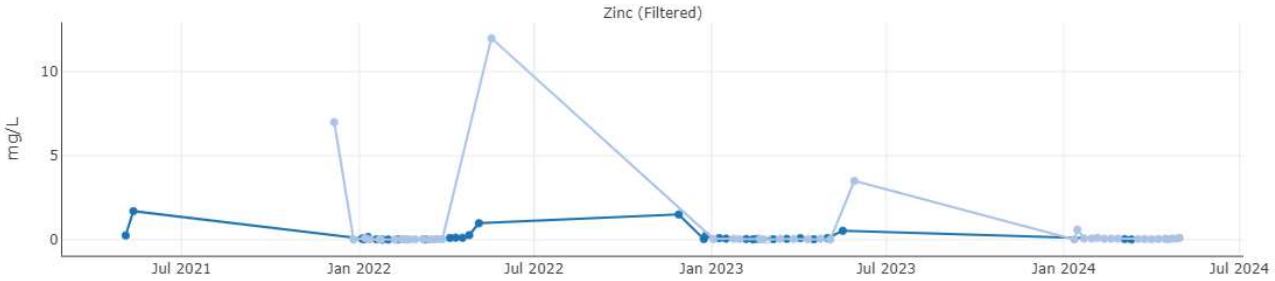

Total Suspended Solids (Lab)
mg/L
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Turbidity (Lab)
NTU
80
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Uranium
µg/L
100
80
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Uranium (Filtered)
µg/L
80
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Zinc
mg/L
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024



The report was generated based on the following filter:

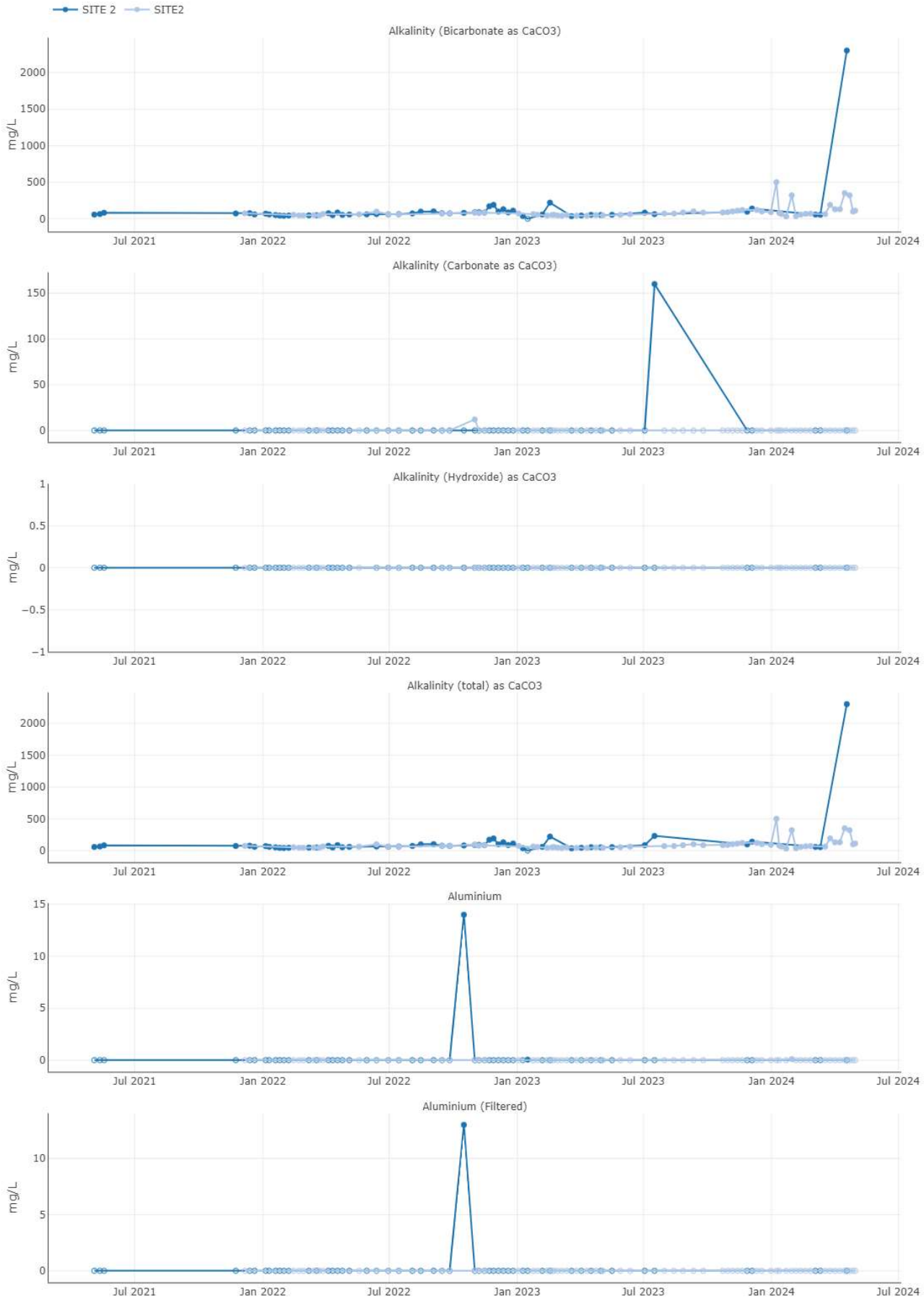
Sampled Date between "01 May 2021" and "30 Apr 2024",

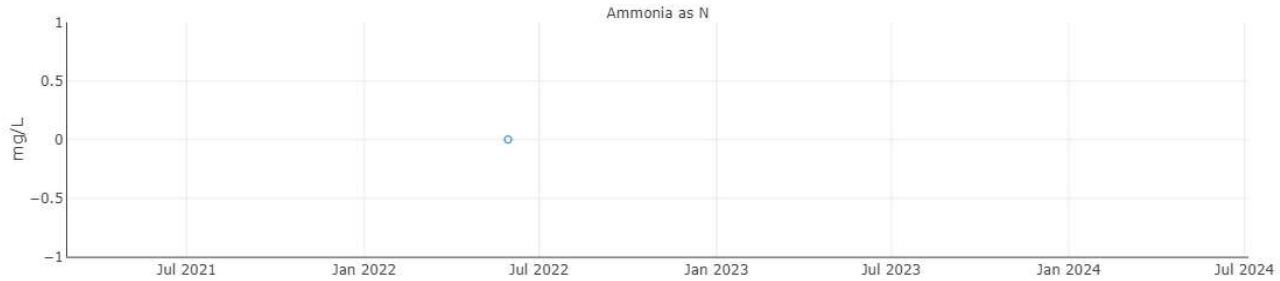
Locations In "SITE 1,SITE1"

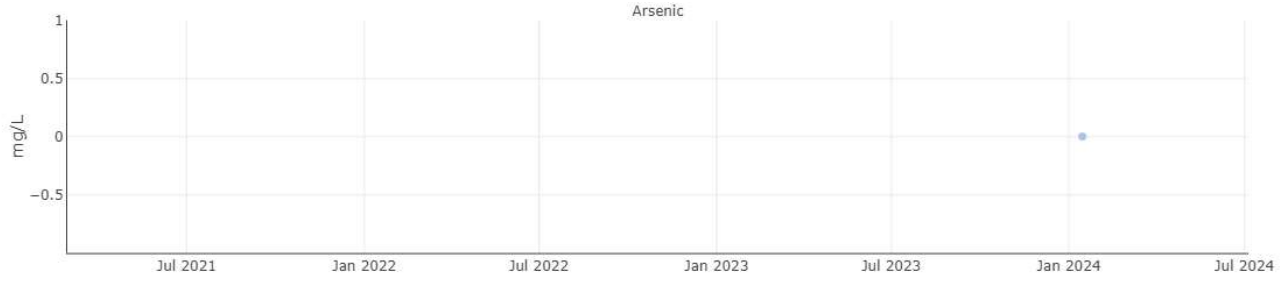
Non-detects are indicated by a hollow marker

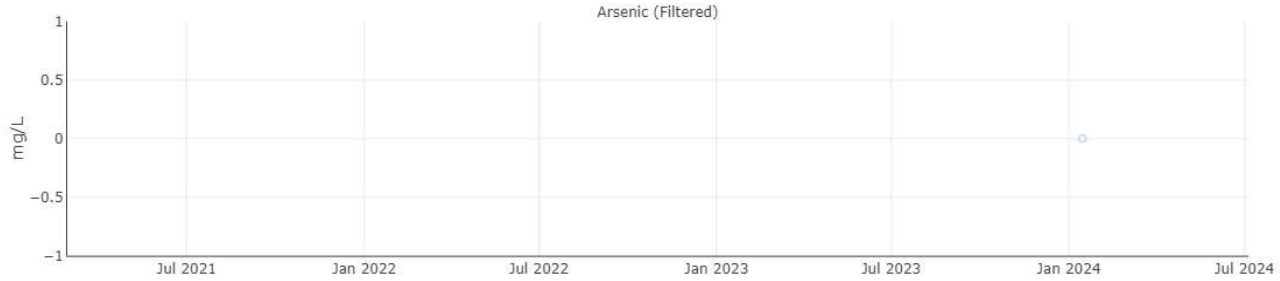
Publication Date: 15 May 2024

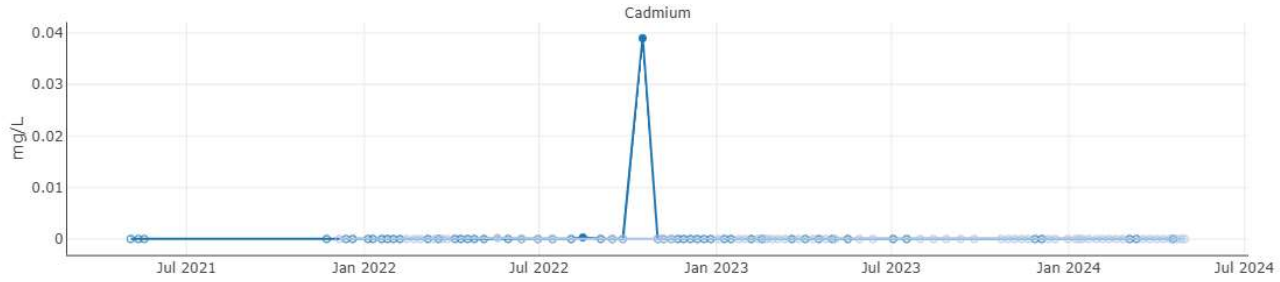
Chemistry Graph

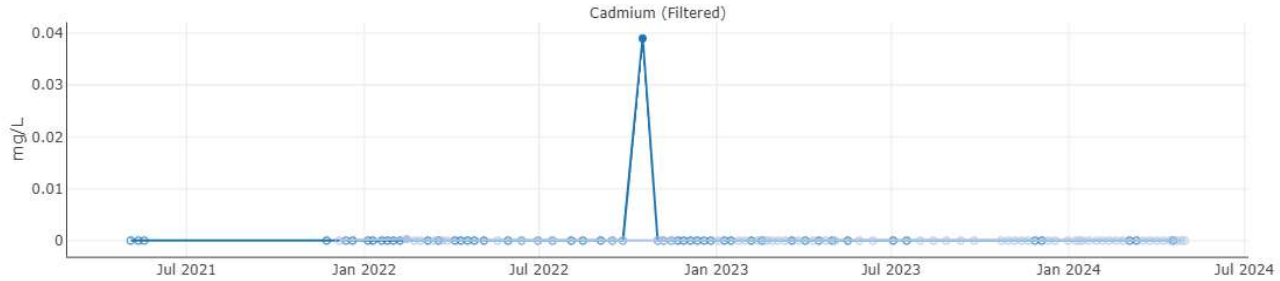


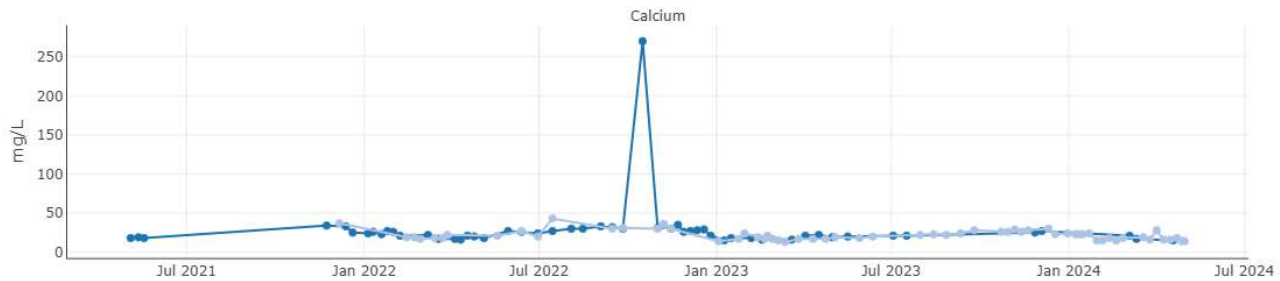

Ammonia as N
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

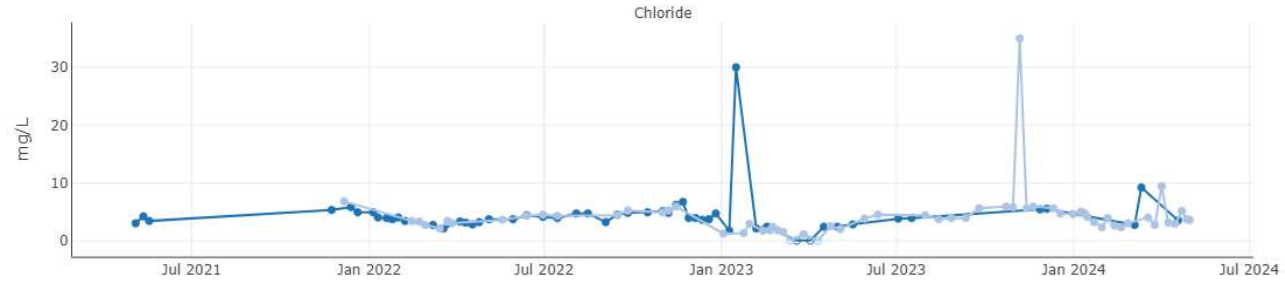

Arsenic
mg/L
1
0.5
0
−0.5
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

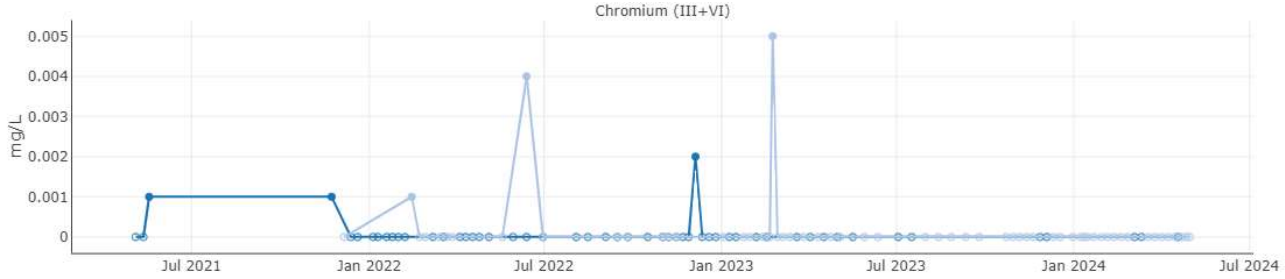

Arsenic (Filtered)
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

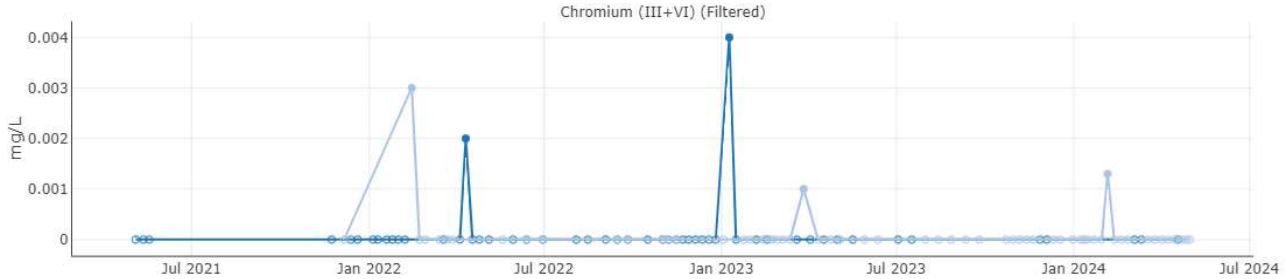

Cadmium
mg/L
0.04
0.03
0.02
0.01
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

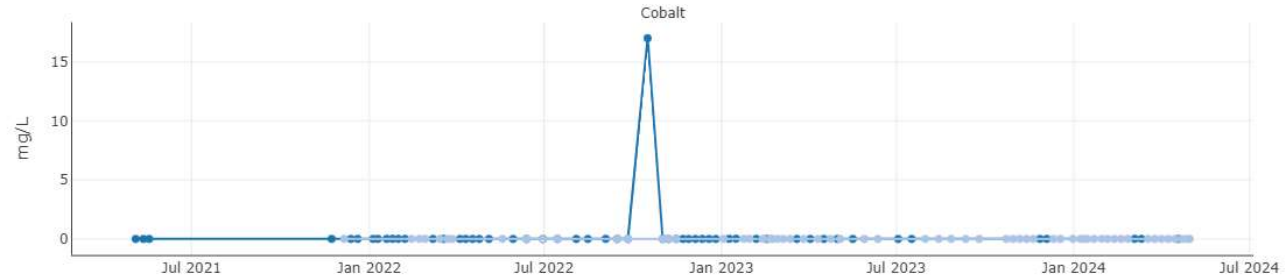

Cadmium (Filtered)
mg/L
0.04
0.03
0.02
0.01
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

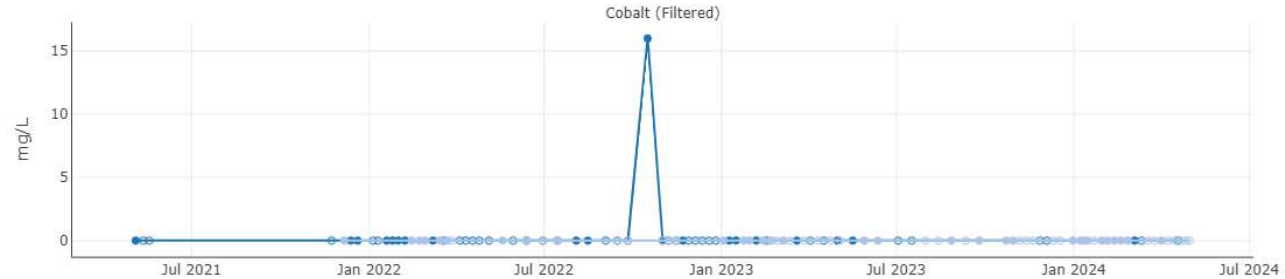

Calcium
mg/L
250
200
150
100
50
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

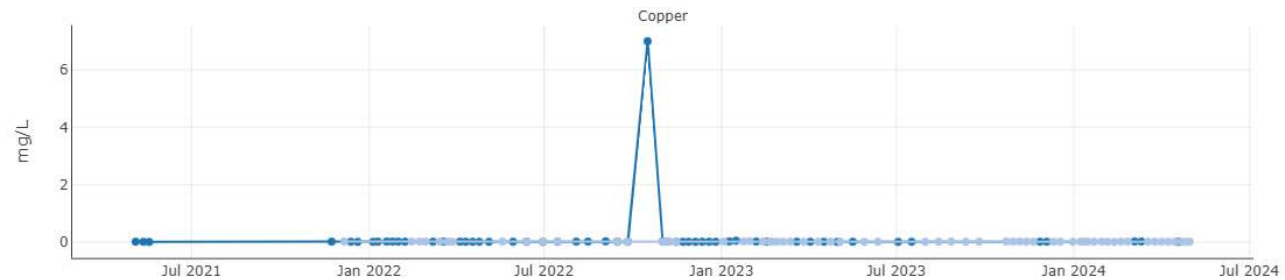

Chloride
mg/L
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Chromium (III+VI)
mg/L
0.005
0.004
0.003
0.002
0.001
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

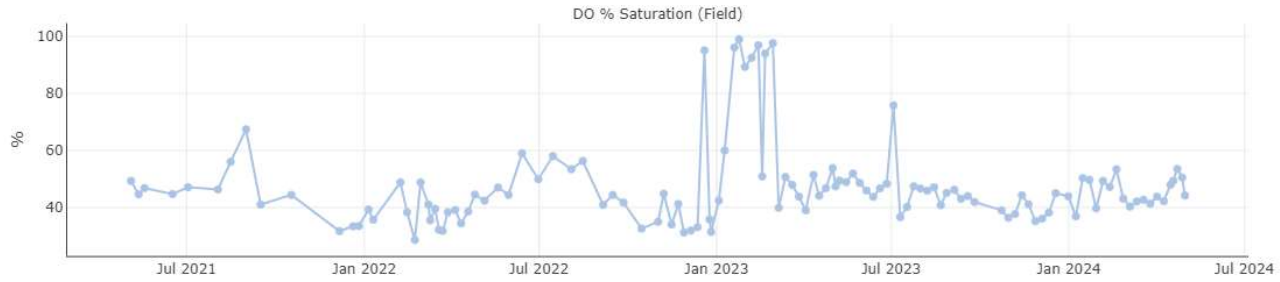

Chromium (III+VI) (Filtered)
mg/L
0.004
0.003
0.002
0.001
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

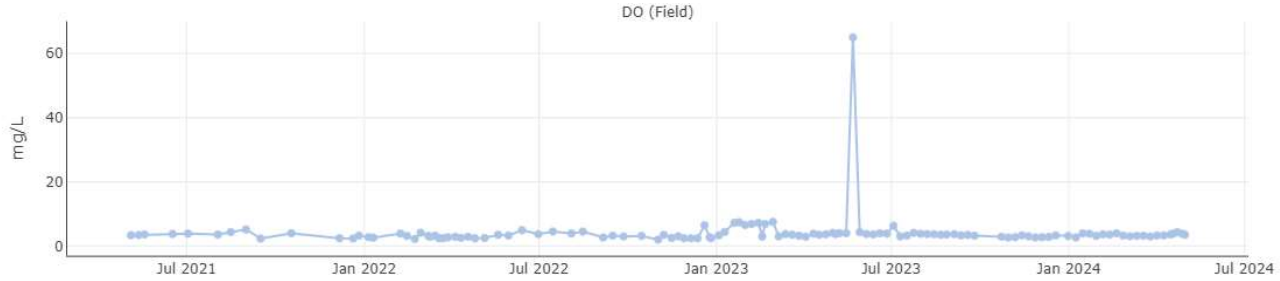

Cobalt
mg/L
15
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

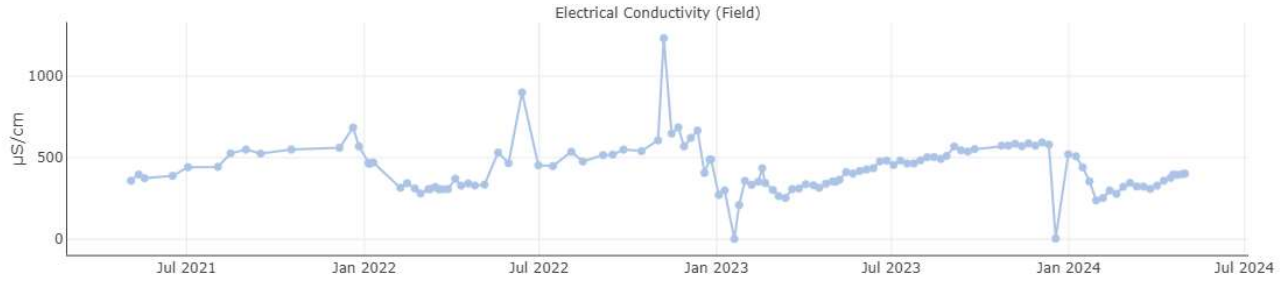

Cobalt (Filtered)
mg/L
15
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

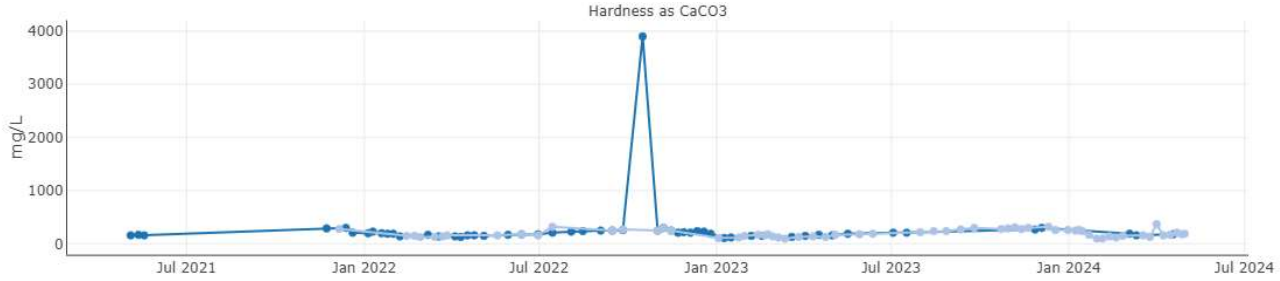

Copper
mg/L
6
4
2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

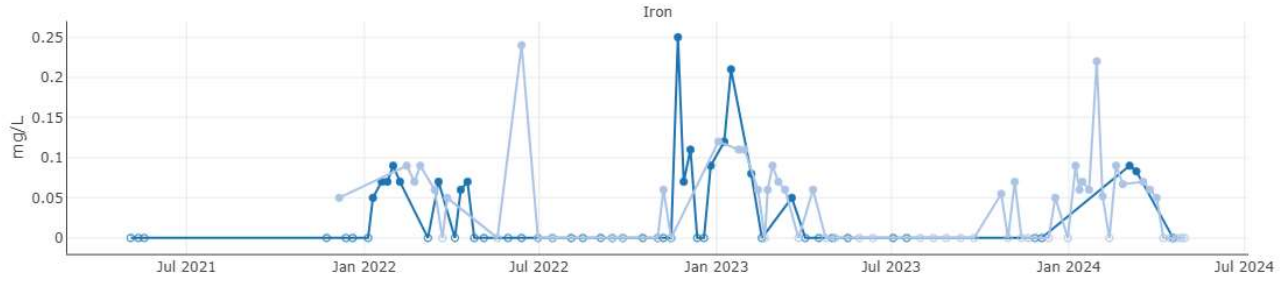

Copper (Filtered)
mg/L
0.015
0.01
0.005
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

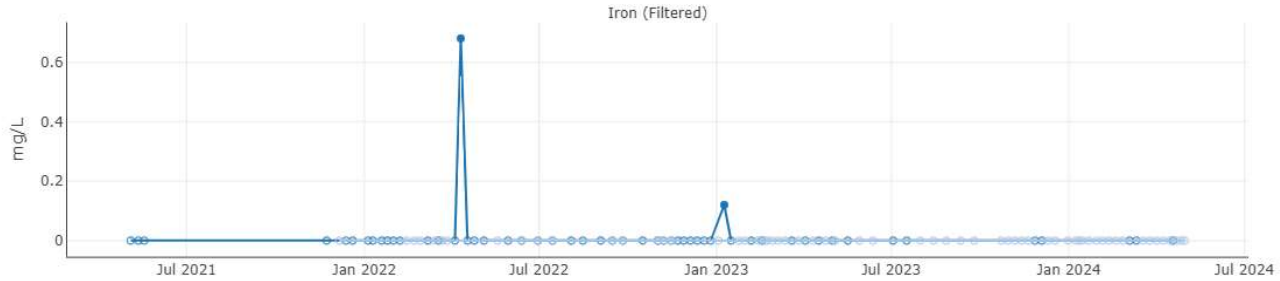

DO % Saturation (Field)
%
100
80
60
40
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

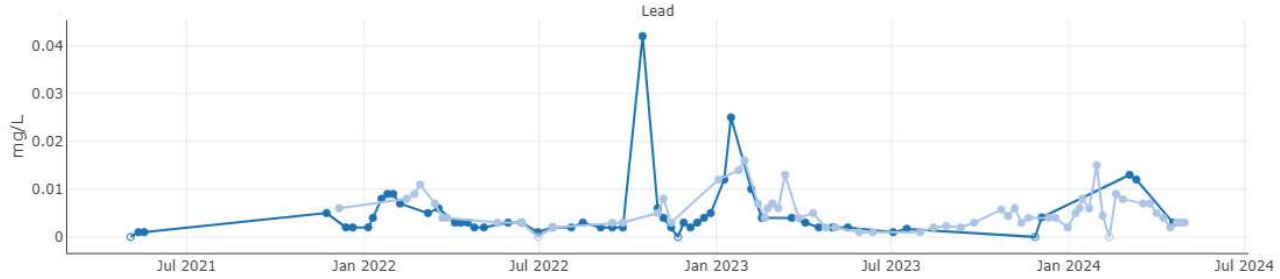

DO (Field)
mg/L
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

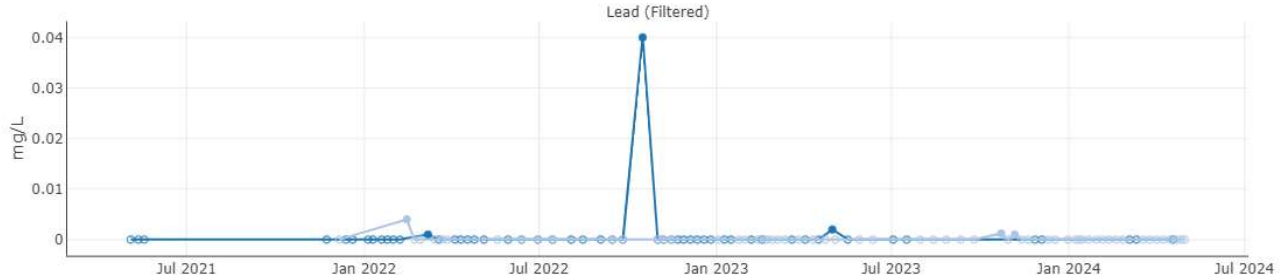

Electrical Conductivity (Field)
µS/cm
1000
500
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

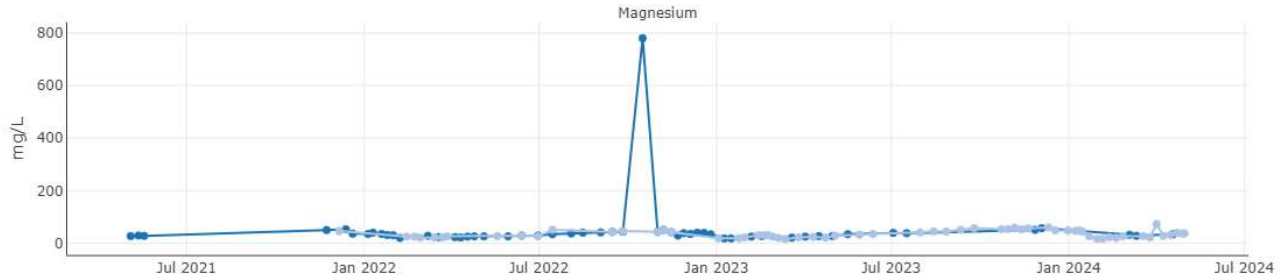

Hardness as CaCO3
mg/L
4000
3000
2000
1000
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

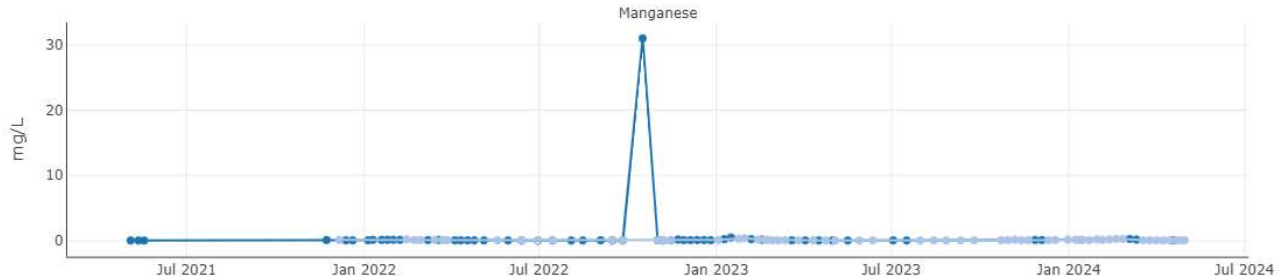

Iron
mg/L
0.25
0.2
0.15
0.1
0.05
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

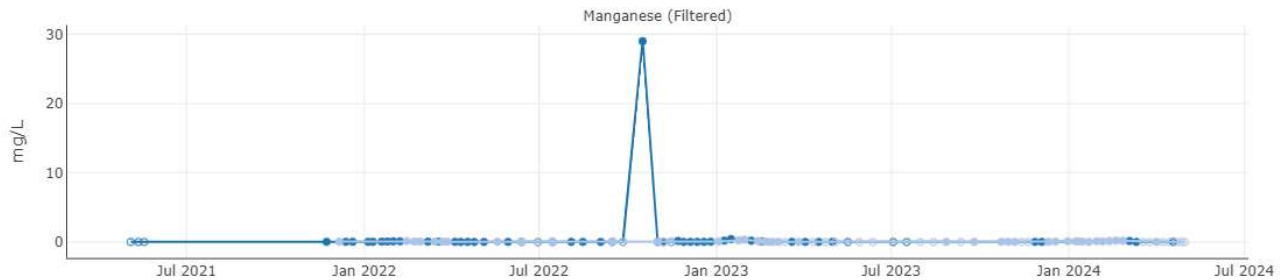

Iron (Filtered)
mg/L
0.6
0.4
0.2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

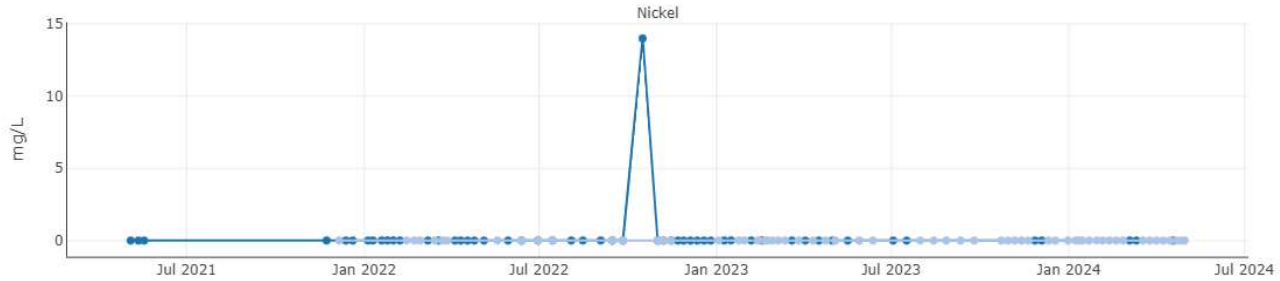

Lead
mg/L
0.04
0.03
0.02
0.01
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

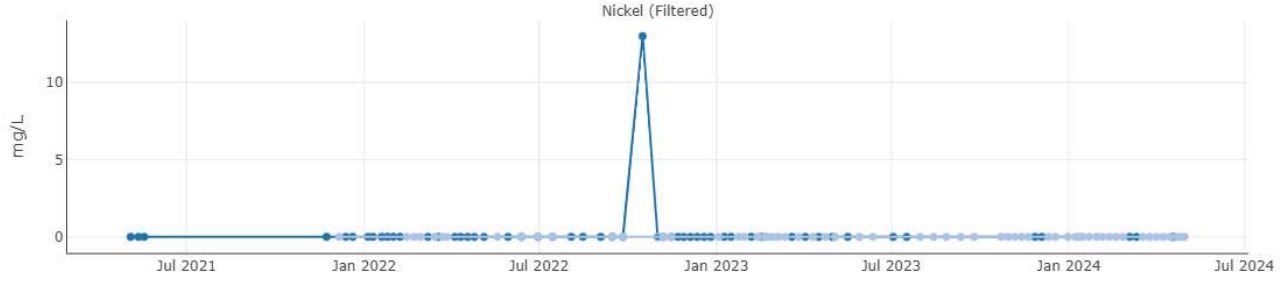

Lead (Filtered)
mg/L
0.04
0.03
0.02
0.01
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

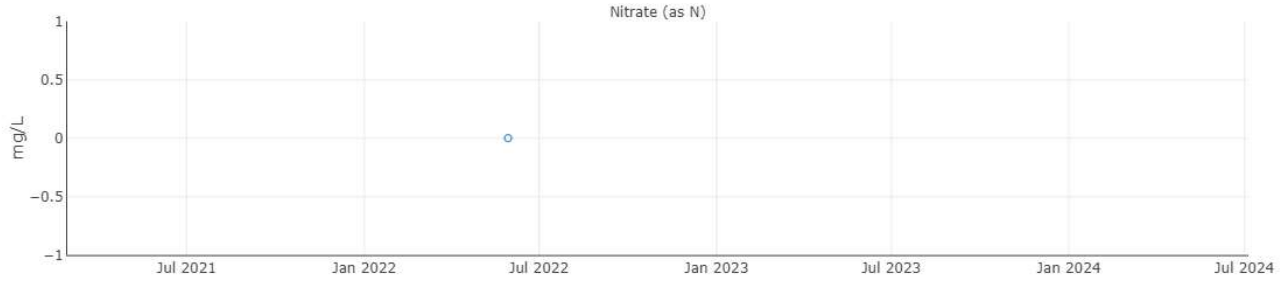

Magnesium
mg/L
800
600
400
200
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

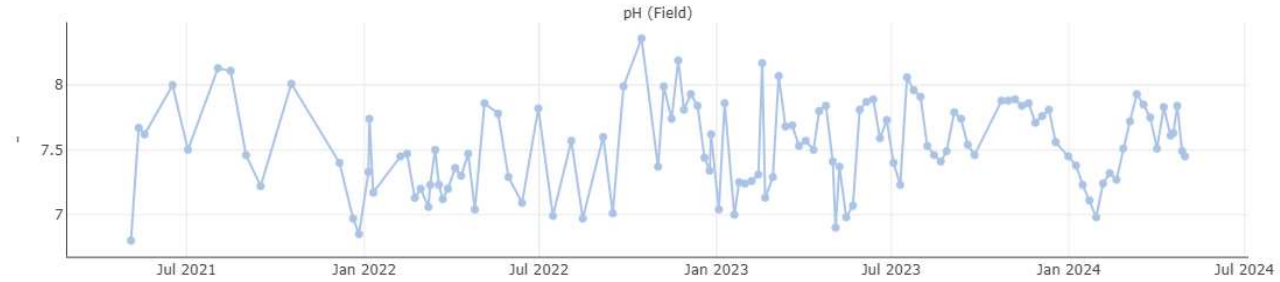

Manganese
mg/L
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

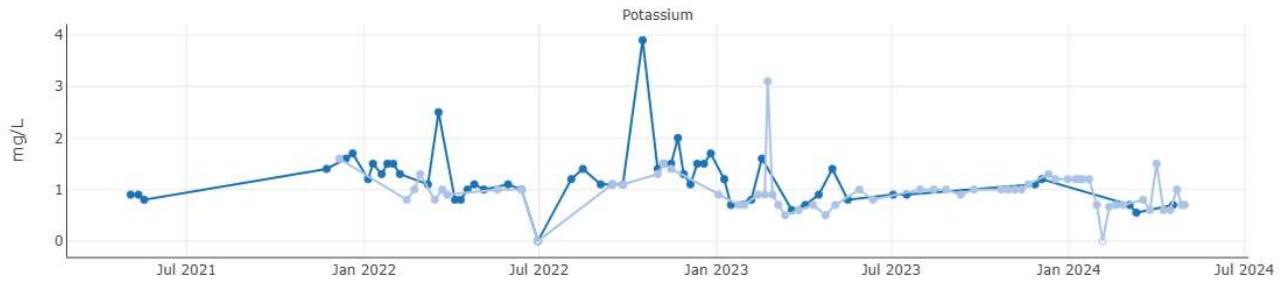

Manganese (Filtered)
mg/L
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Nickel
mg/L
15
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

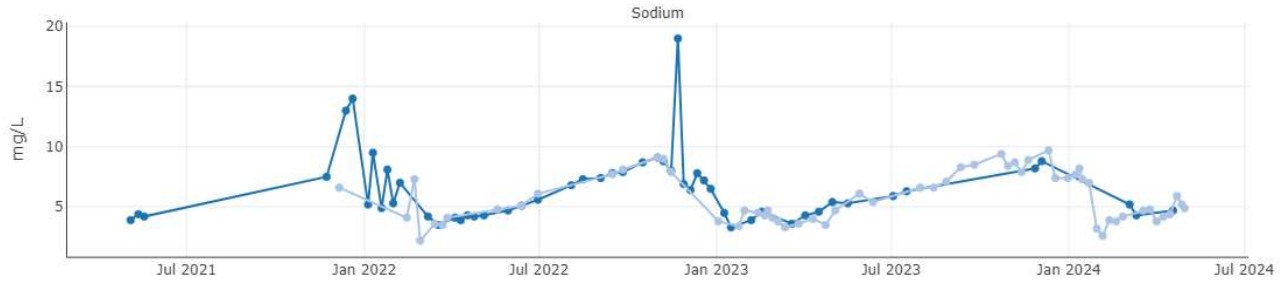

Nickel (Filtered)
mg/L
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

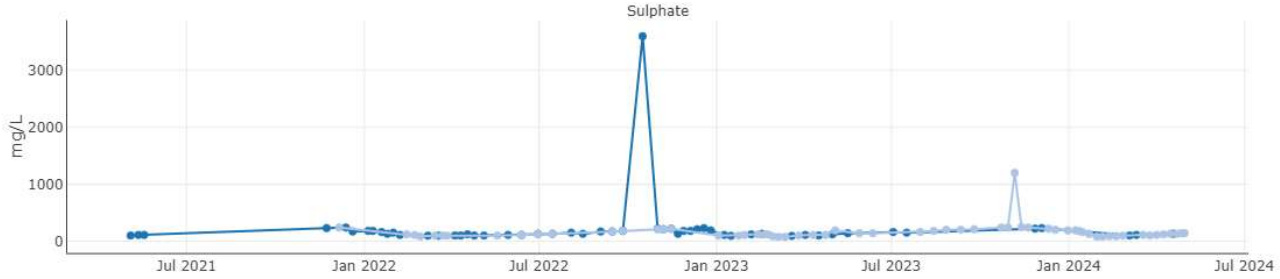

Nitrate (as N)
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

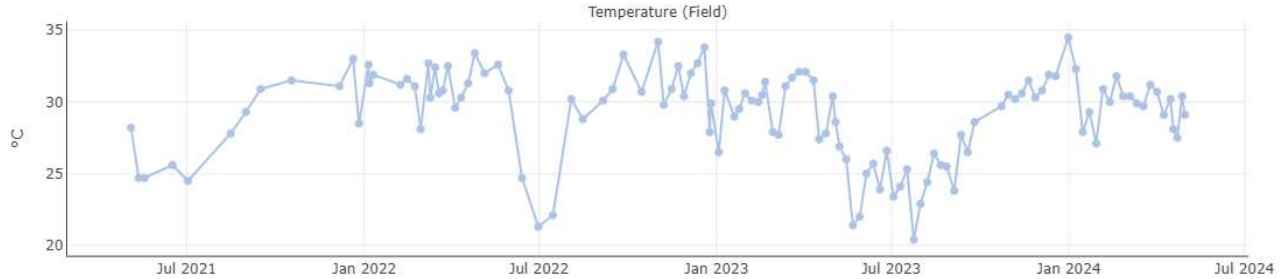

pH (Field)
-
8
7.5
7
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

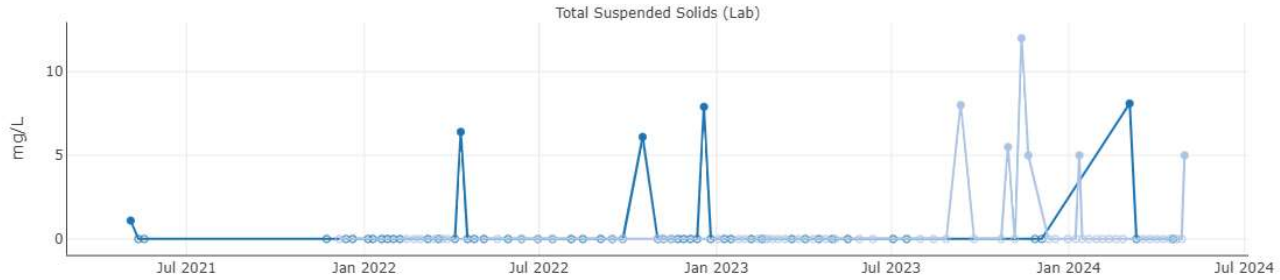

Potassium
mg/L
4
3
2
1
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

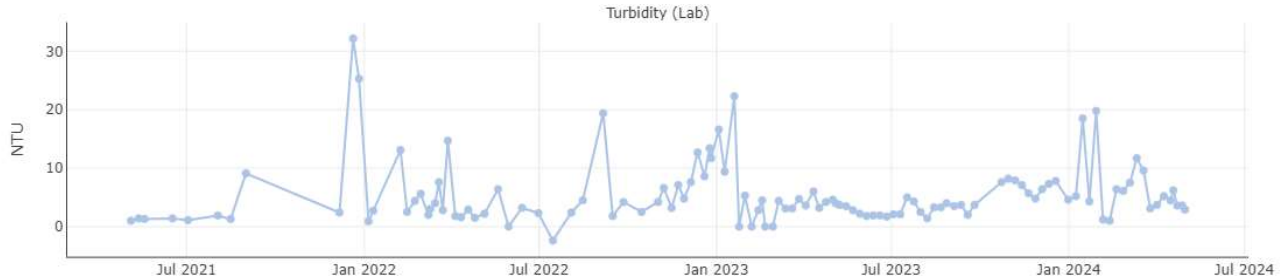

Redox Potential (Field)
mV
250
200
150
100
50
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

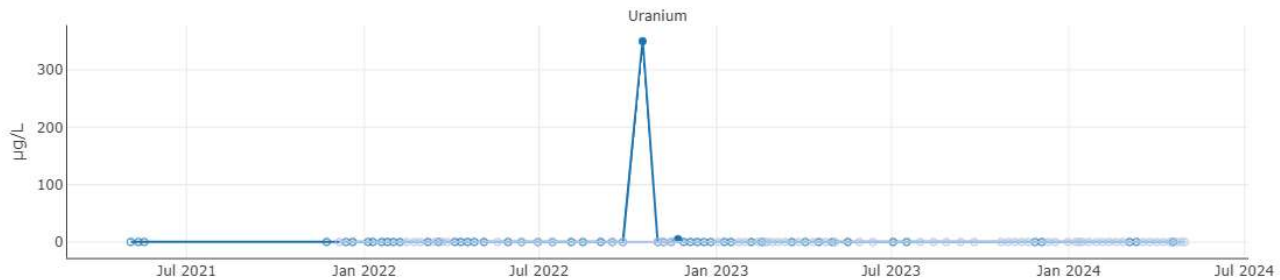

Sodium
mg/L
20
15
10
5
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

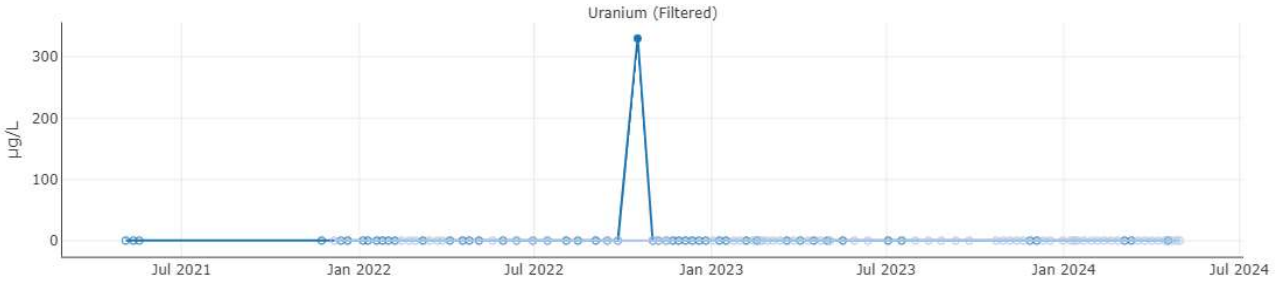

Sulphate
mg/L
3000
2000
1000
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

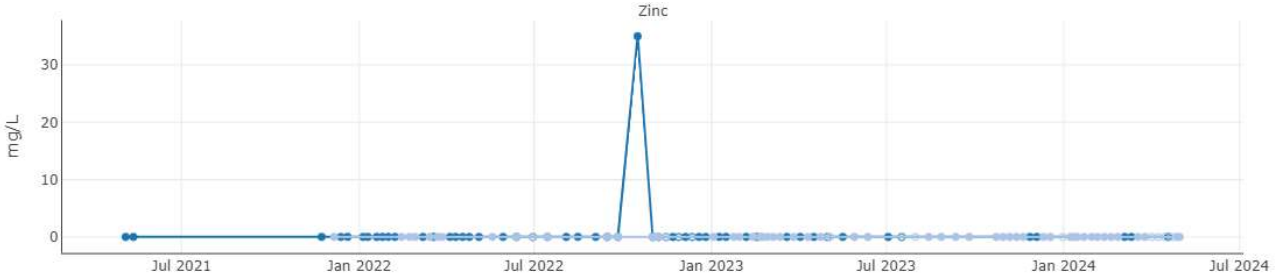

Temperature (Field)
°C
35
30
25
20
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

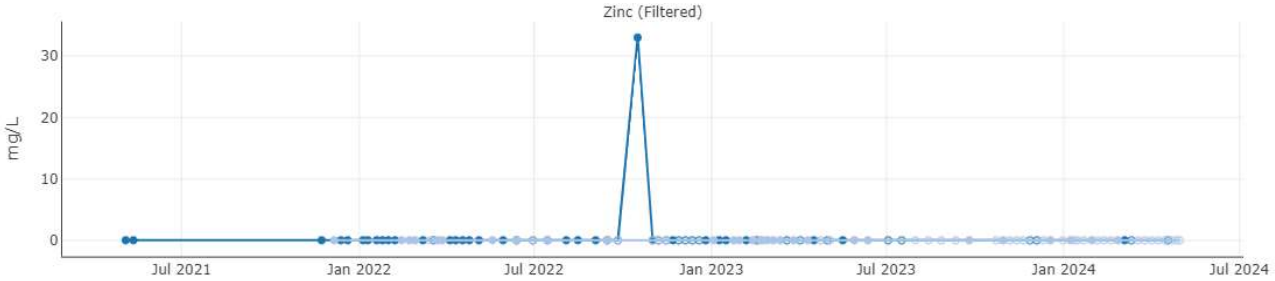

Total Suspended Solids (Lab)
mg/L
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Turbidity (Lab)
NTU
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Uranium
µg/L
300
200
100
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024







The report was generated based on the following filter:

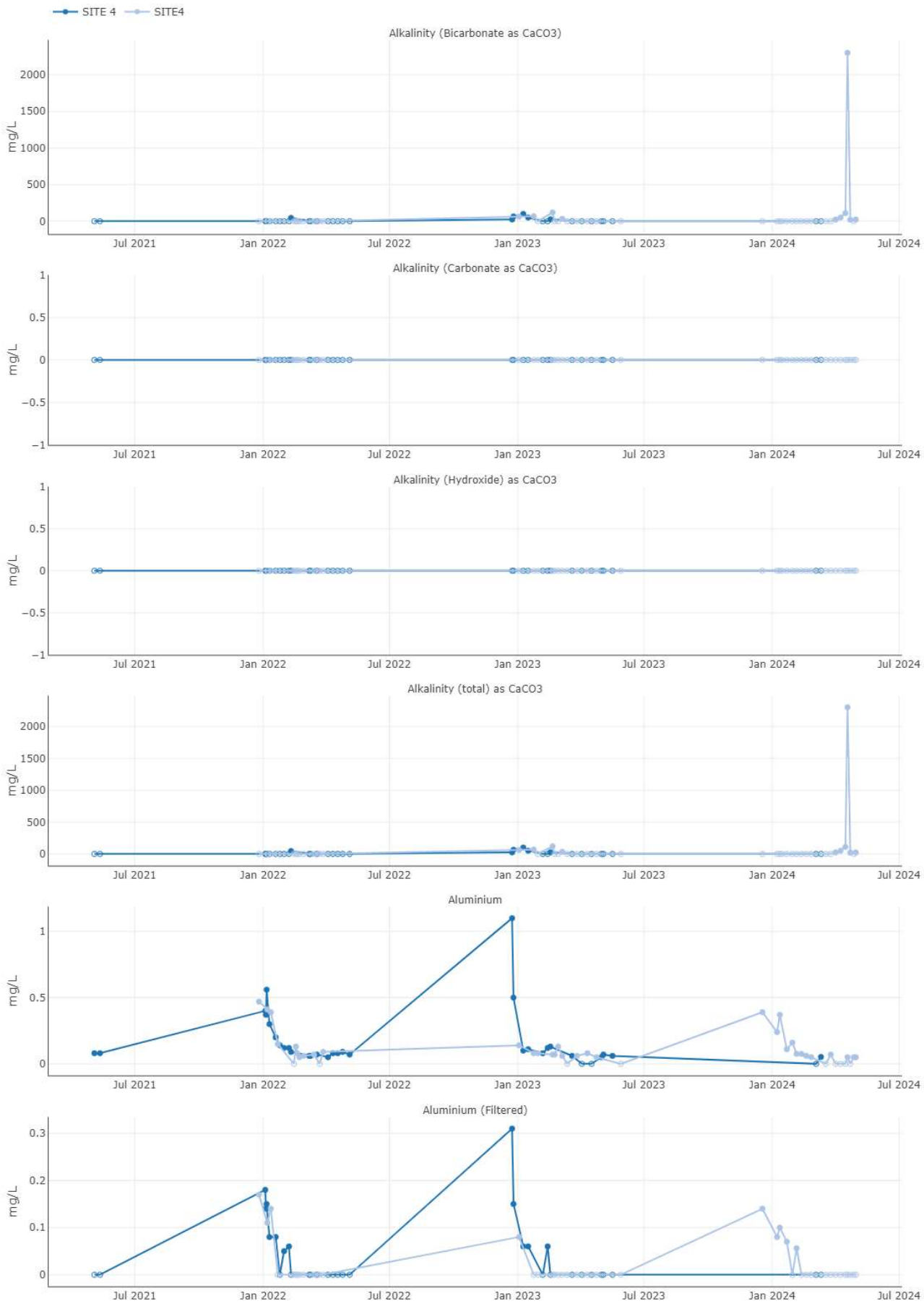
Sampled Date between "01 May 2021" and "30 Apr 2024",

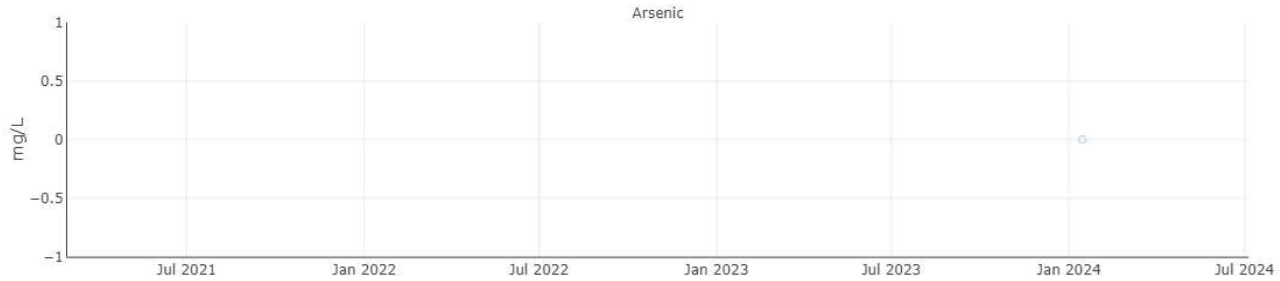
Locations In "SITE 2,SITE2"

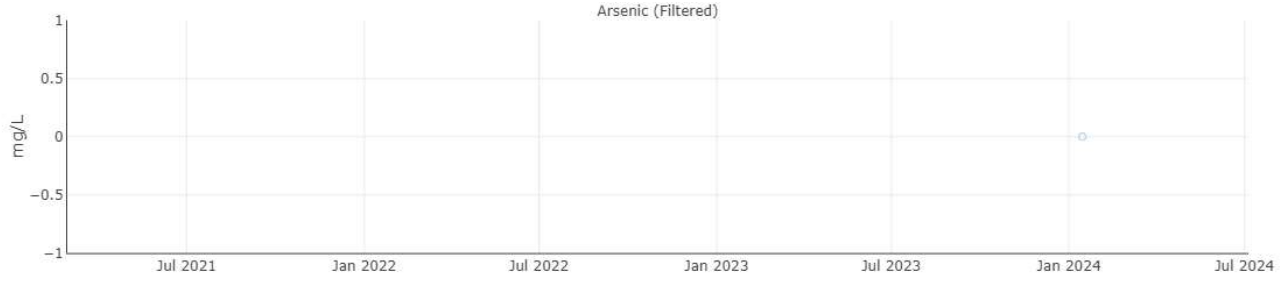
Non-detects are indicated by a hollow marker

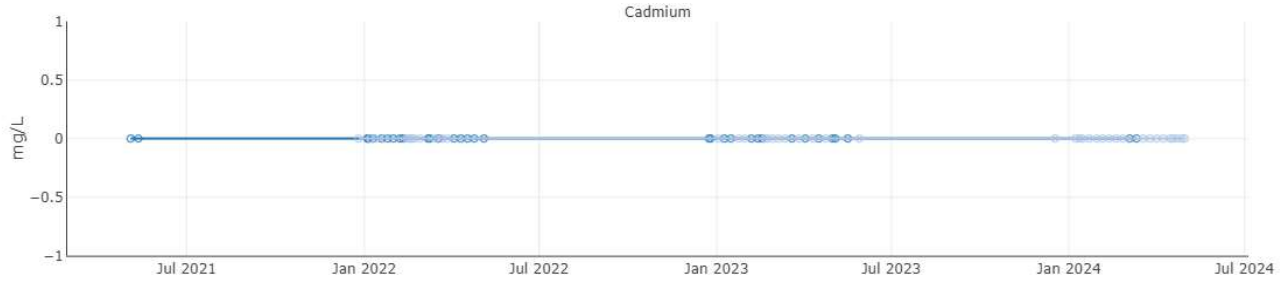
Publication Date: 15 May 2024

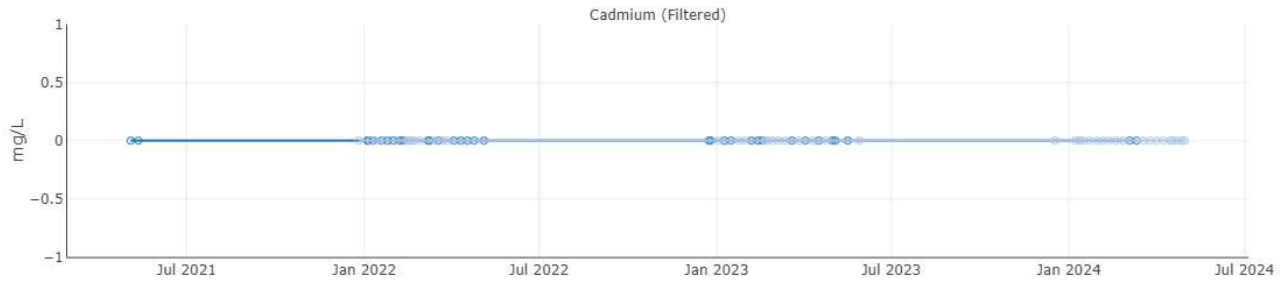
Chemistry Graph

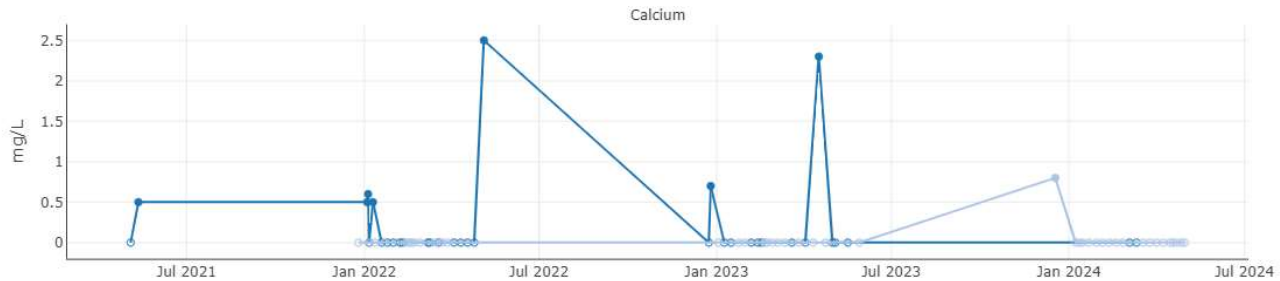


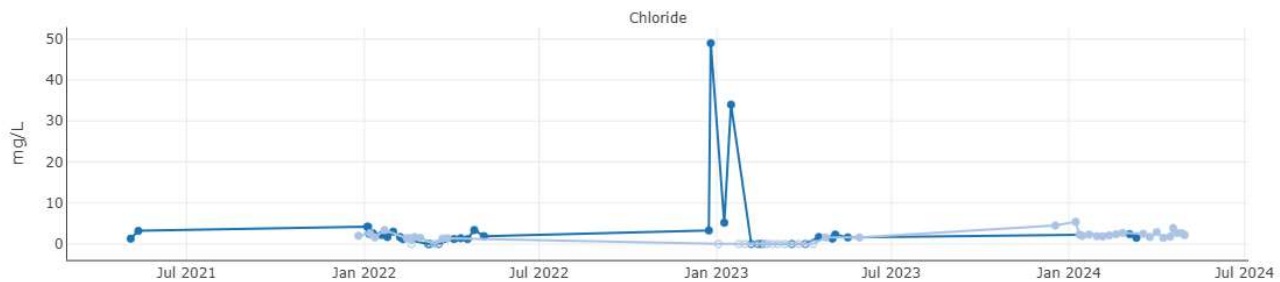

Arsenic
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

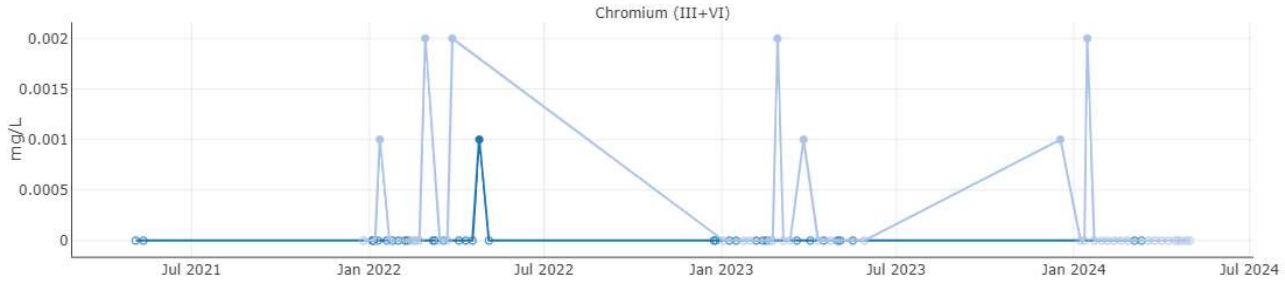

Arsenic (Filtered)
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

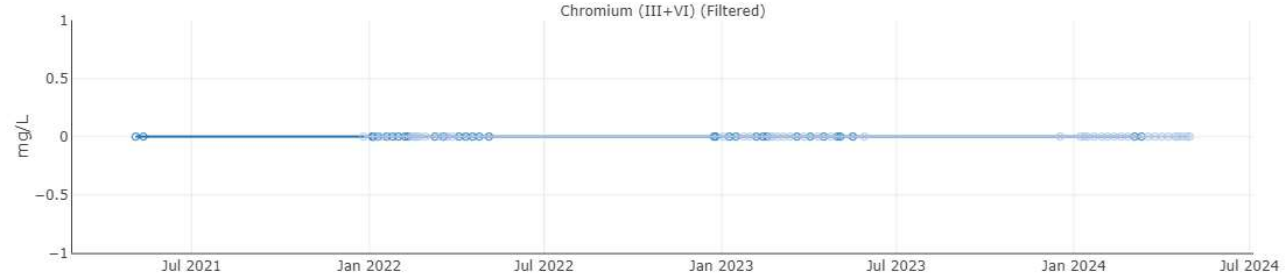

Cadmium
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

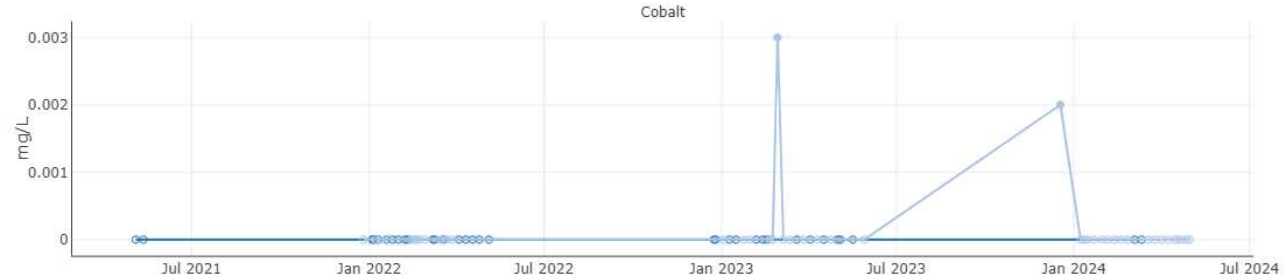

Cadmium (Filtered)
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

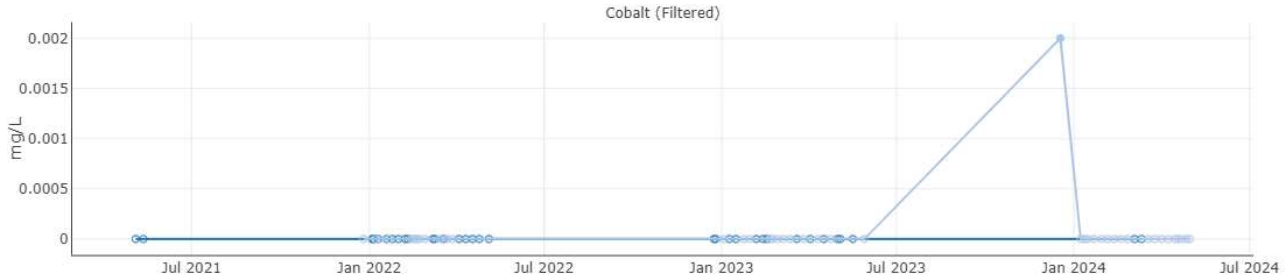

Calcium
mg/L
2.5
2
1.5
1
0.5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Chloride
mg/L
50
40
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Chromium (III+VI)
mg/L
0.002
0.0015
0.001
0.0005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Chromium (III+VI) (Filtered)
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

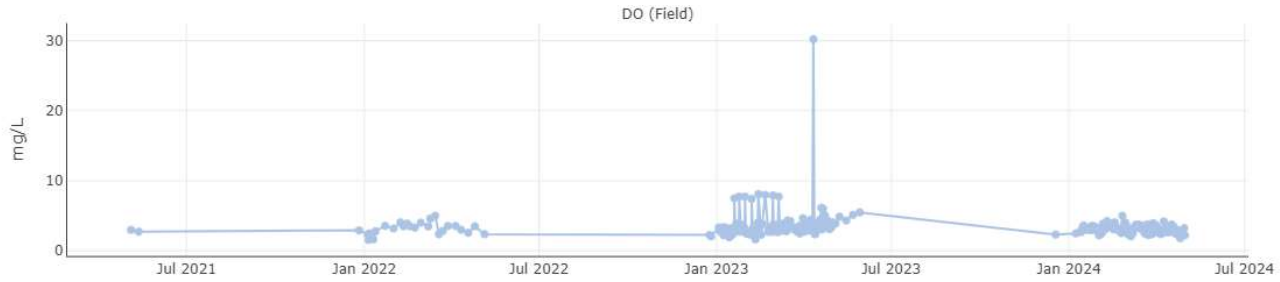

Cobalt
mg/L
0.003
0.002
0.001
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

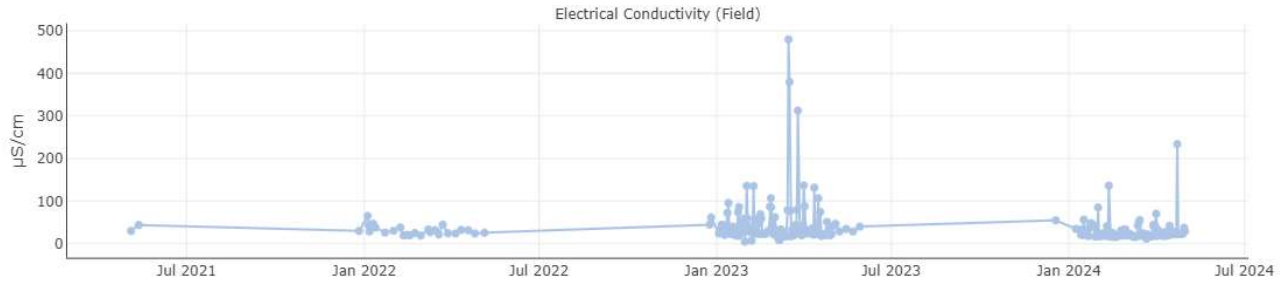

Cobalt (Filtered)
mg/L
0.002
0.0015
0.001
0.0005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

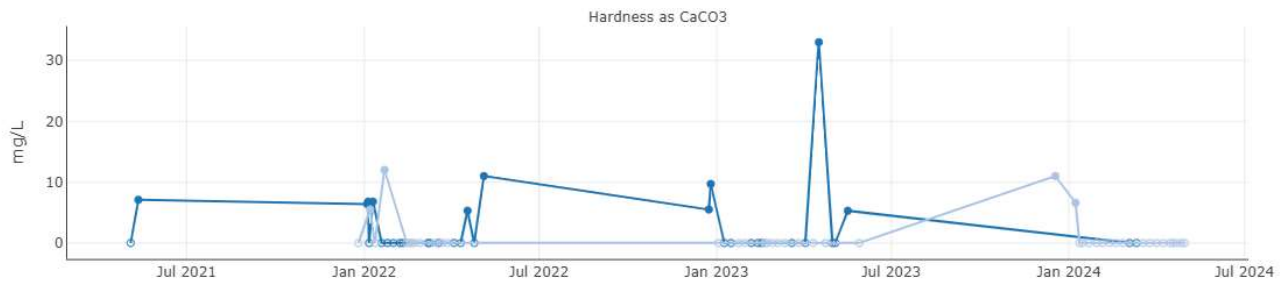

Copper
mg/L
0.006
0.004
0.002
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Copper (Filtered)
mg/L
0.004
0.003
0.002
0.001
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


DO % Saturation (Field)
%
100
80
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

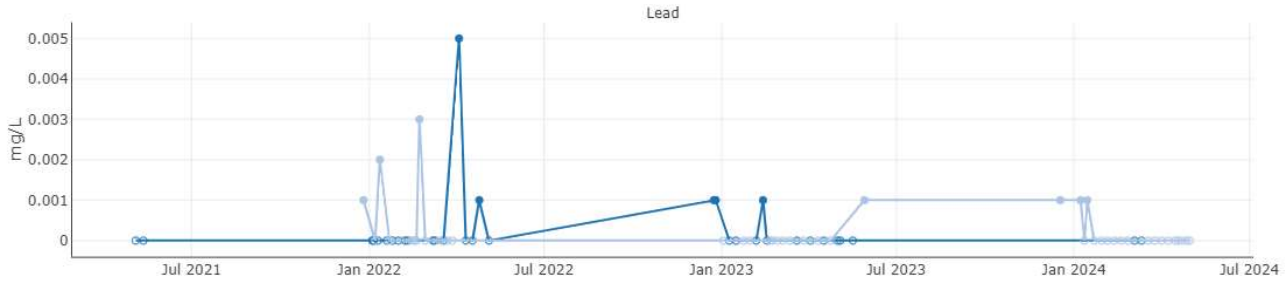

DO (Field)
mg/L
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

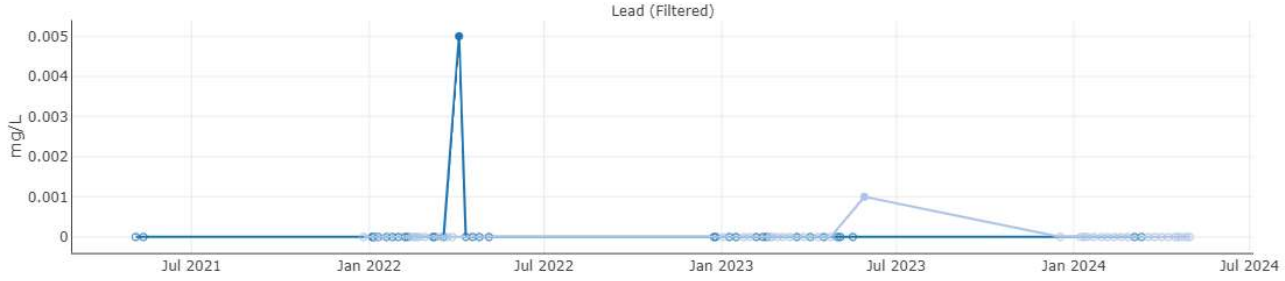

Electrical Conductivity (Field)
µS/cm
500
400
300
200
100
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Hardness as CaCO3
mg/L
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Iron
mg/L
1
0.8
0.6
0.4
0.2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Iron (Filtered)
mg/L
0.3
0.2
0.1
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

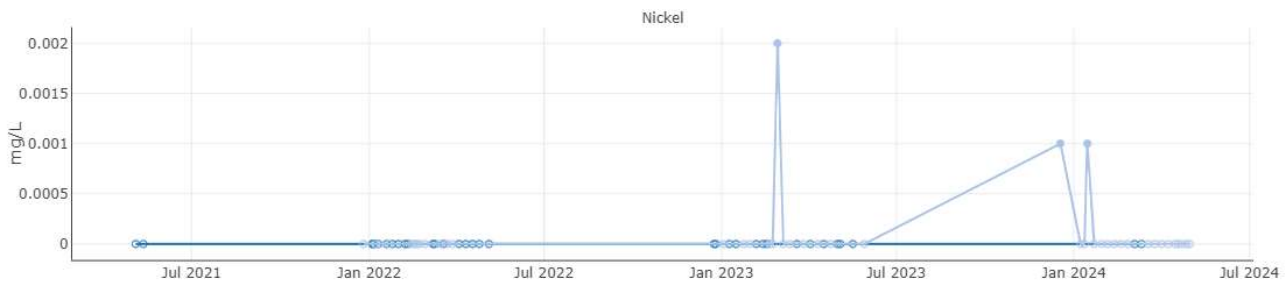

Lead
mg/L
0.005
0.004
0.003
0.002
0.001
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

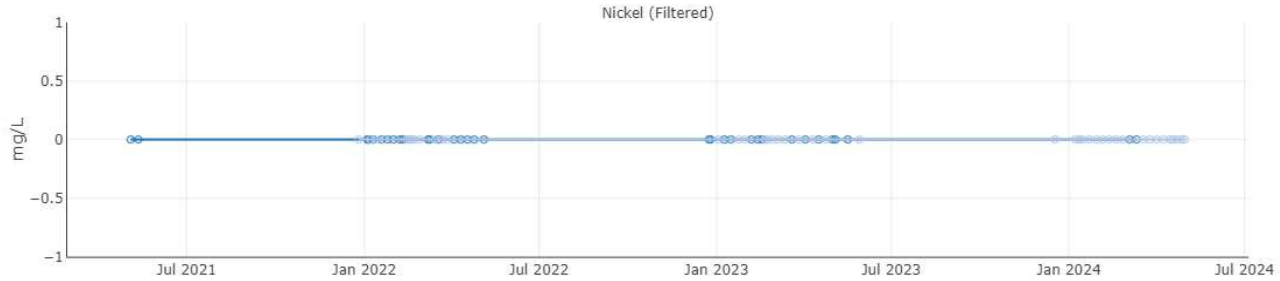

Lead (Filtered)
mg/L
0.005
0.004
0.003
0.002
0.001
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

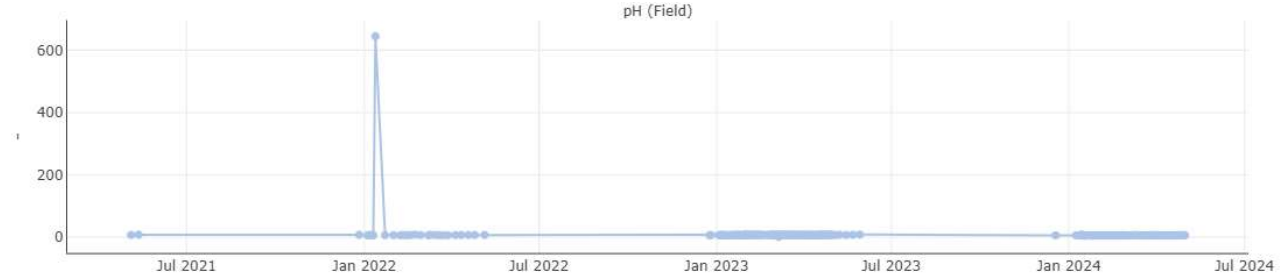

Magnesium
mg/L
6
4
2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

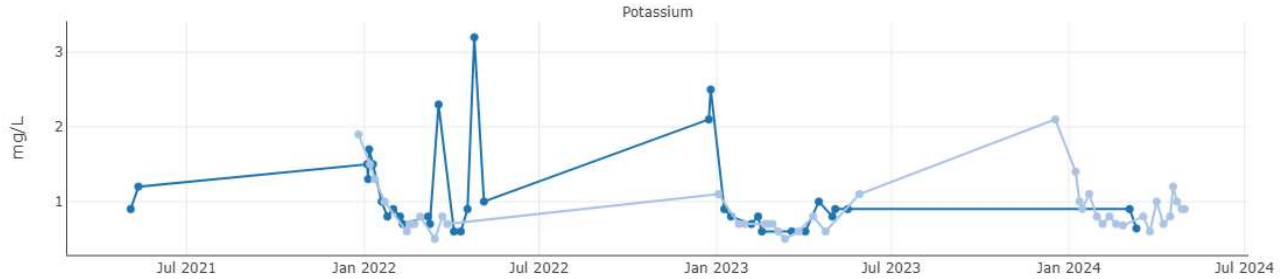

Manganese
mg/L
0.1
0.05
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

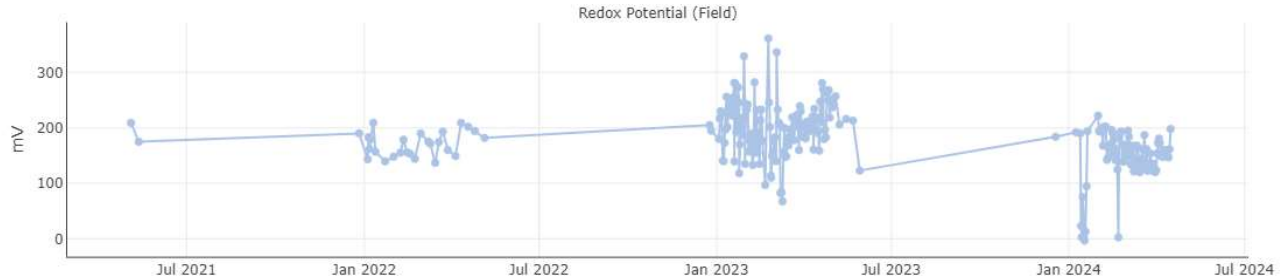

Manganese (Filtered)
mg/L
0.1
0.05
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

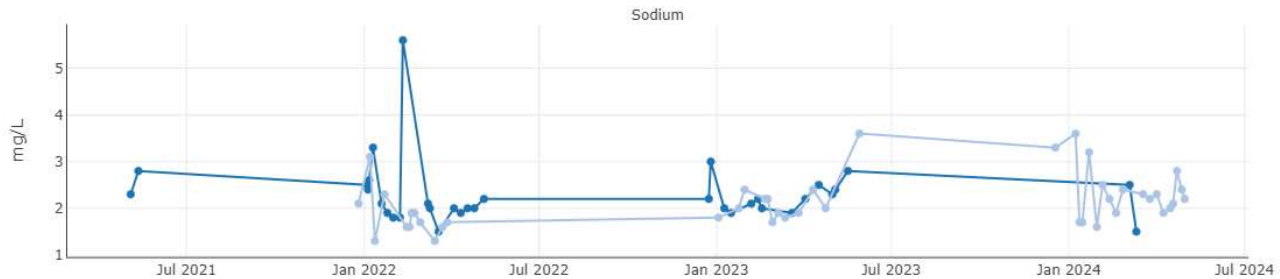

Nickel
mg/L
0.002
0.0015
0.001
0.0005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

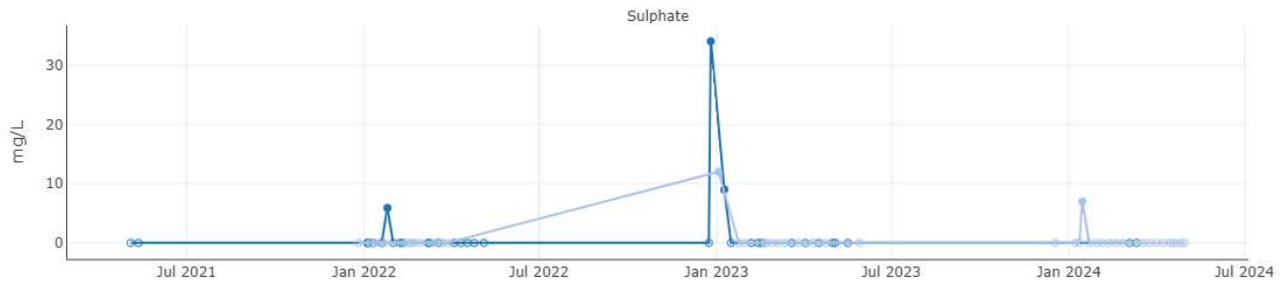

Nickel (Filtered)
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

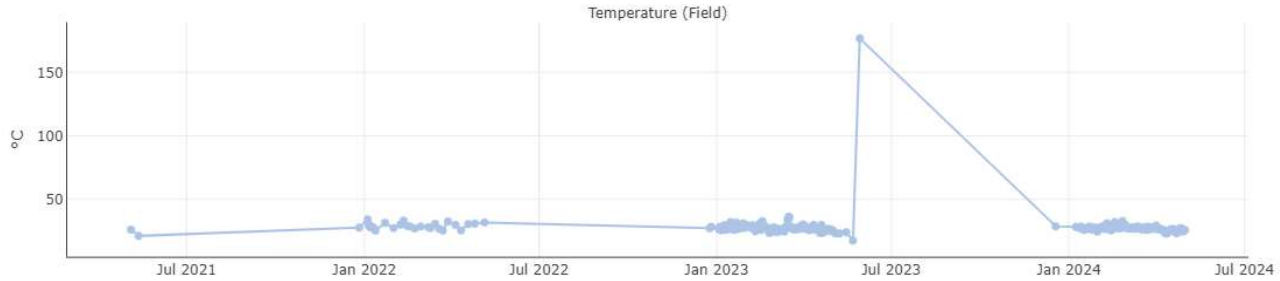

pH (Field)
-
600
400
200
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Potassium
mg/L
3
2
1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

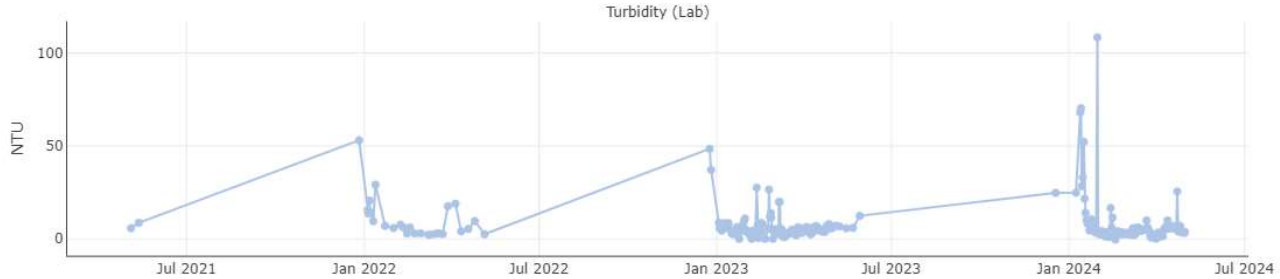

Redox Potential (Field)
mV
300
200
100
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

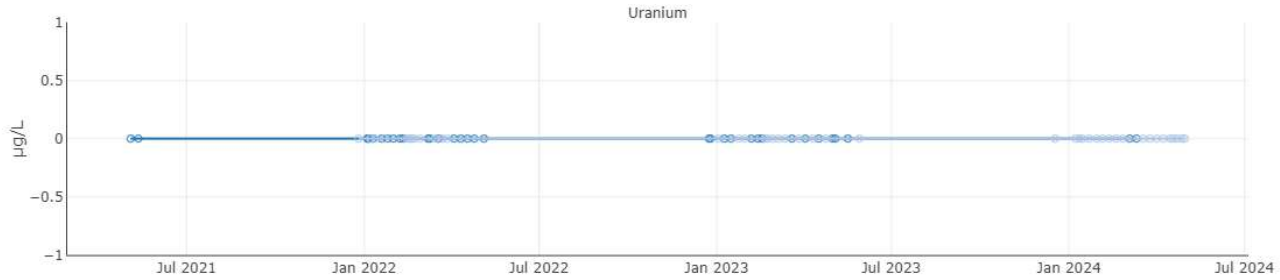

Sodium
mg/L
5
4
3
2
1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

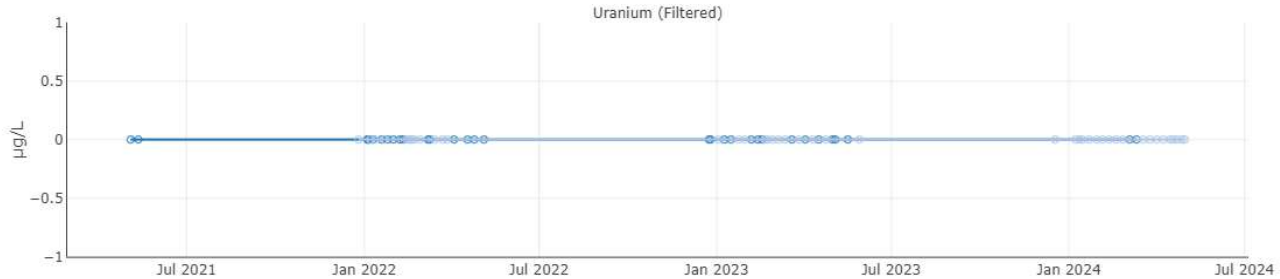

Sulphate
mg/L
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

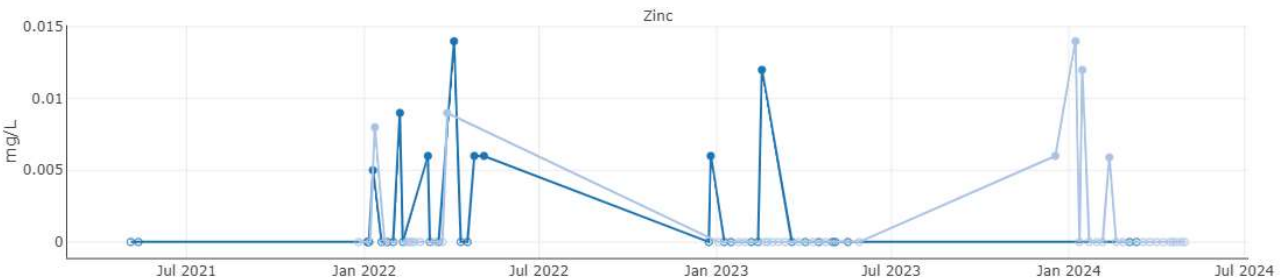

Temperature (Field)
°C
150
100
50
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

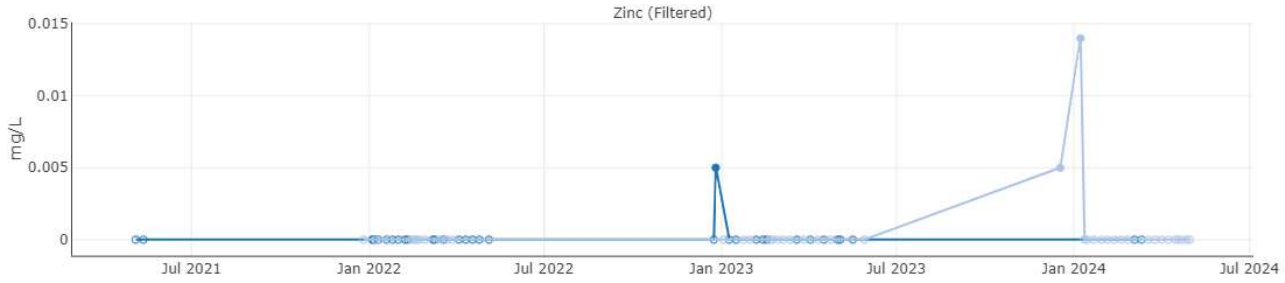

Total Suspended Solids (Lab)
mg/L
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Turbidity (Lab)
NTU
100
50
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Uranium
µg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Uranium (Filtered)
µg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Zinc
mg/L
0.015
0.01
0.005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024



The report was generated based on the following filter:

Sampled Date between "01 May 2021" and "30 Apr 2024",

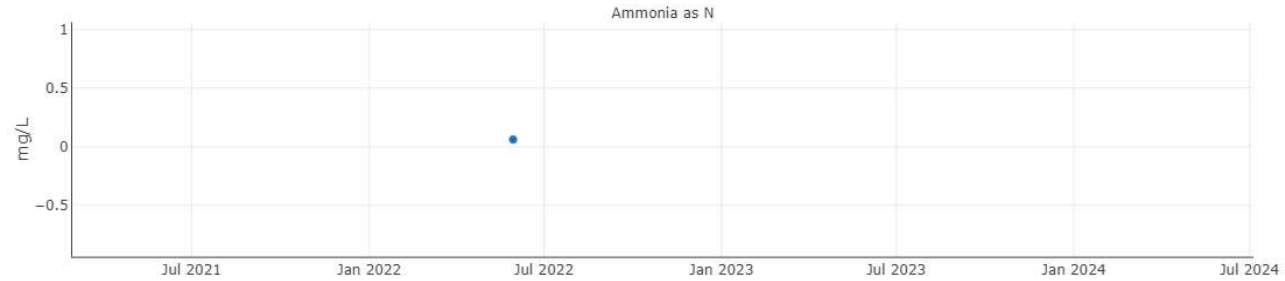
Locations In "SITE 4,SITE4"

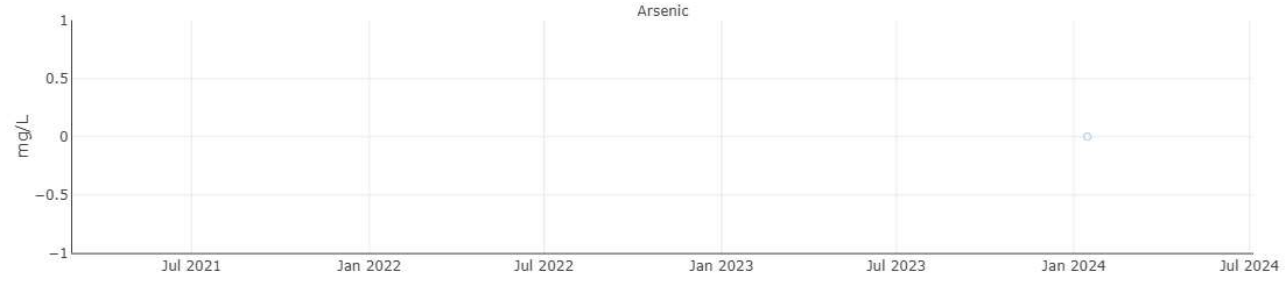
Non-detects are indicated by a hollow marker

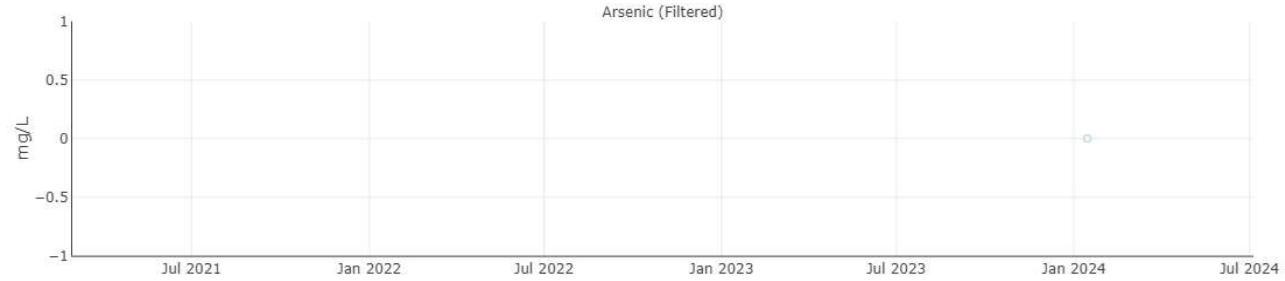
Publication Date: 15 May 2024

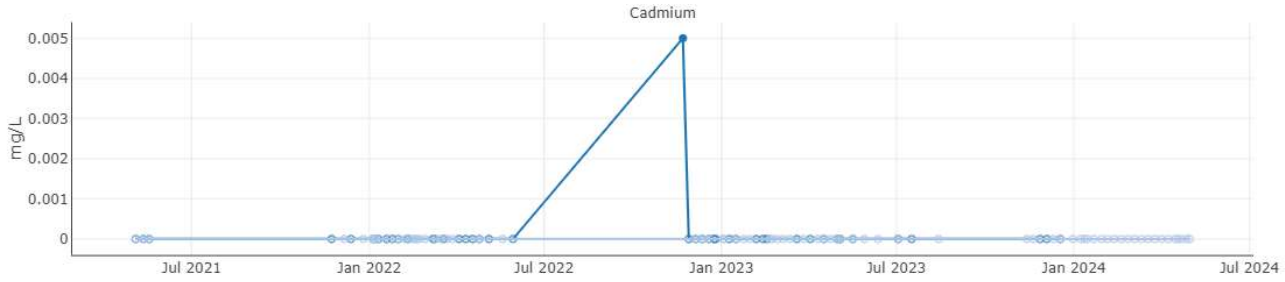
Chemistry Graph

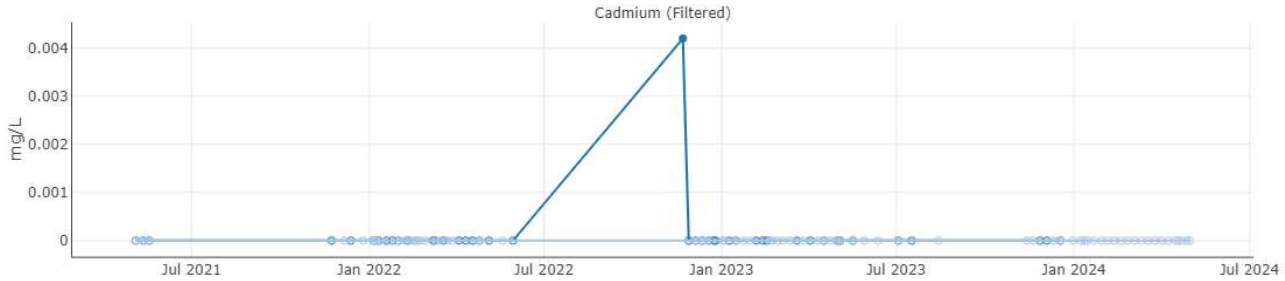


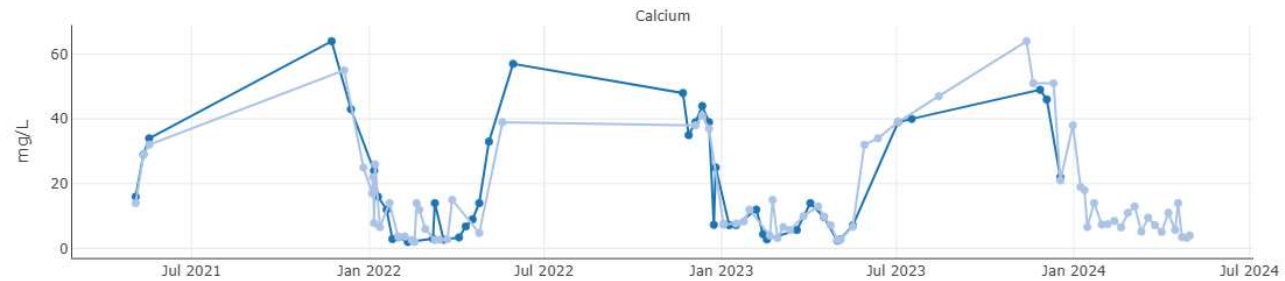

Ammonia as N
mg/L
1
0.5
0
−0.5
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

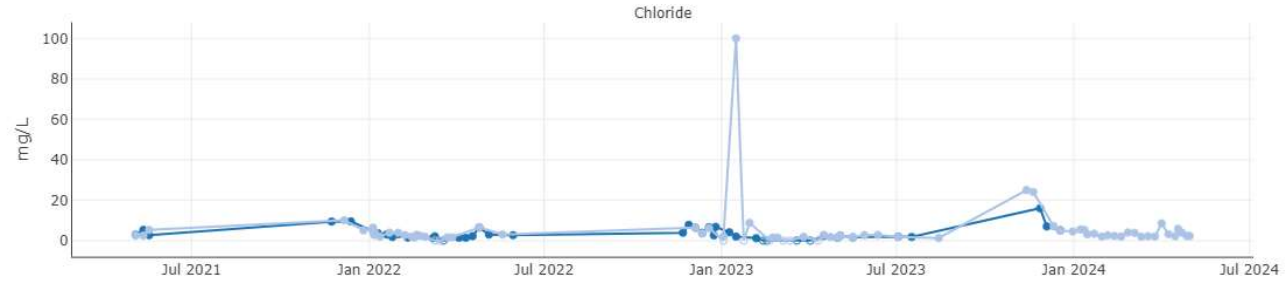

Arsenic
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

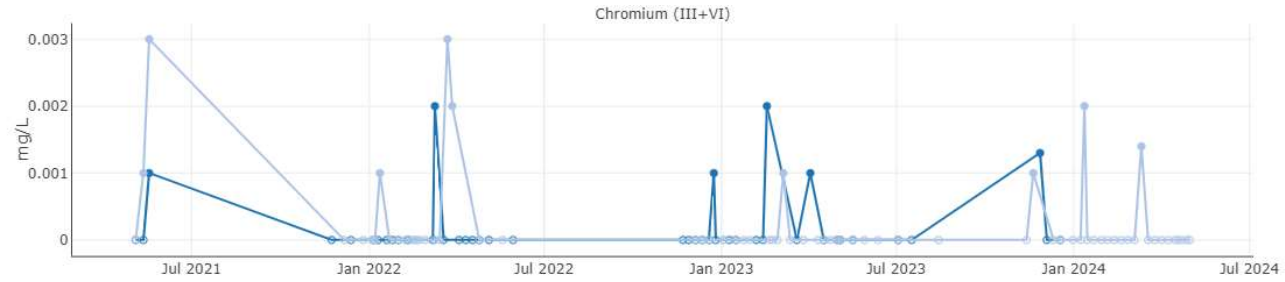

Arsenic (Filtered)
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

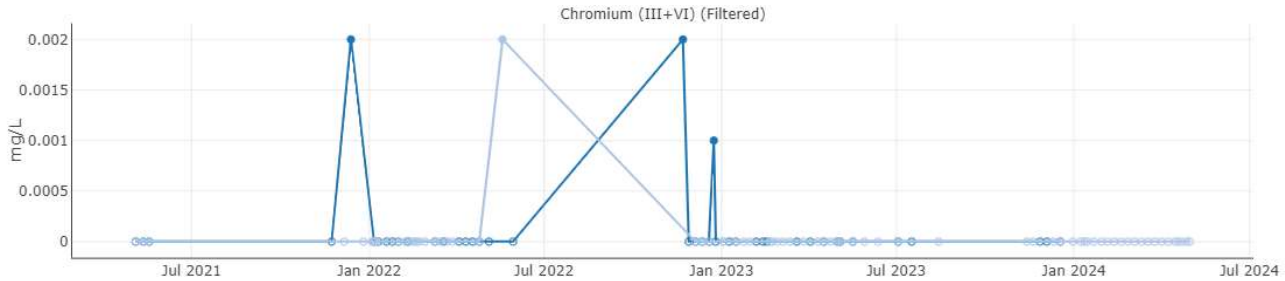

Cadmium
mg/L
0.005
0.004
0.003
0.002
0.001
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

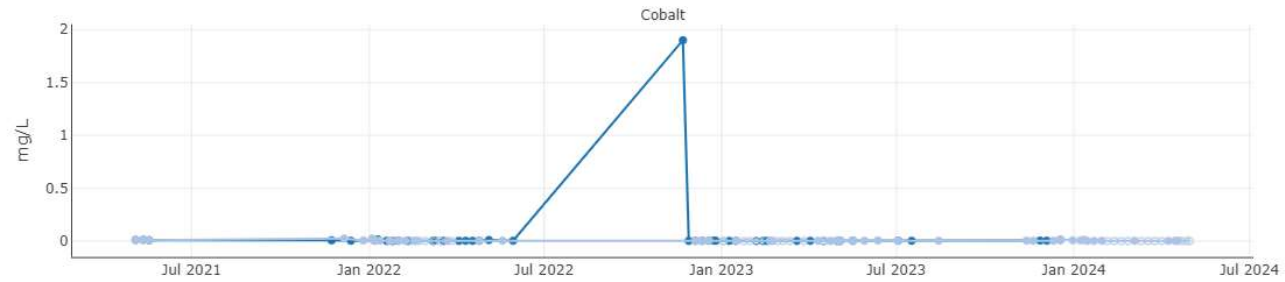

Cadmium (Filtered)
mg/L
0.004
0.003
0.002
0.001
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

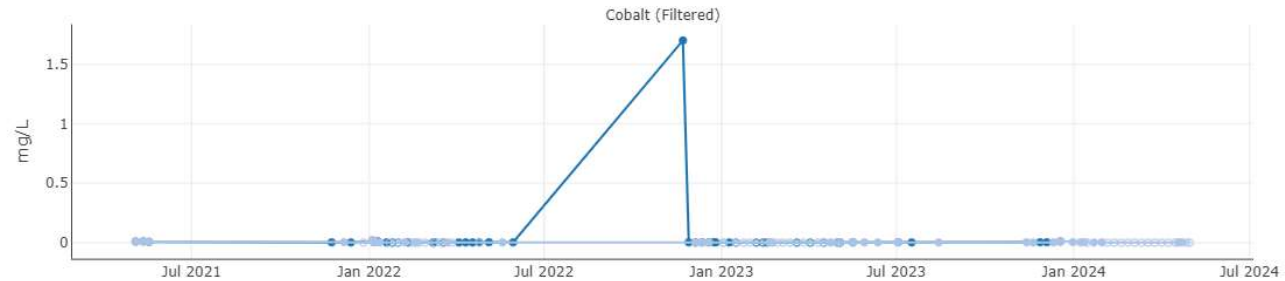

Calcium
mg/L
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

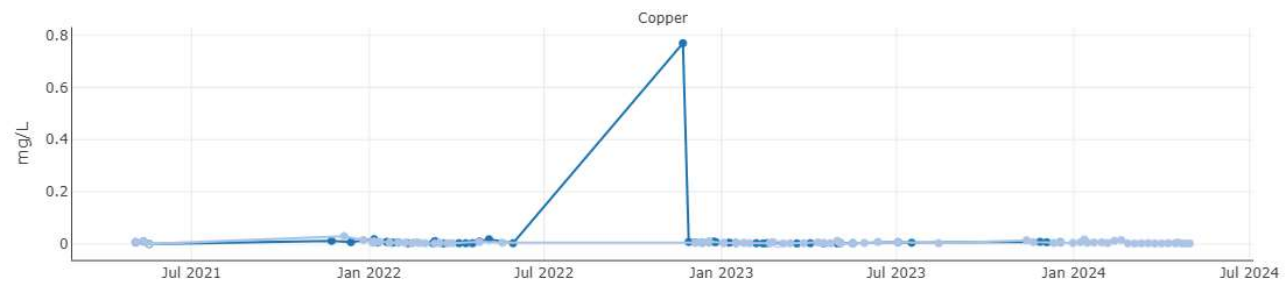

Chloride
mg/L
100
80
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

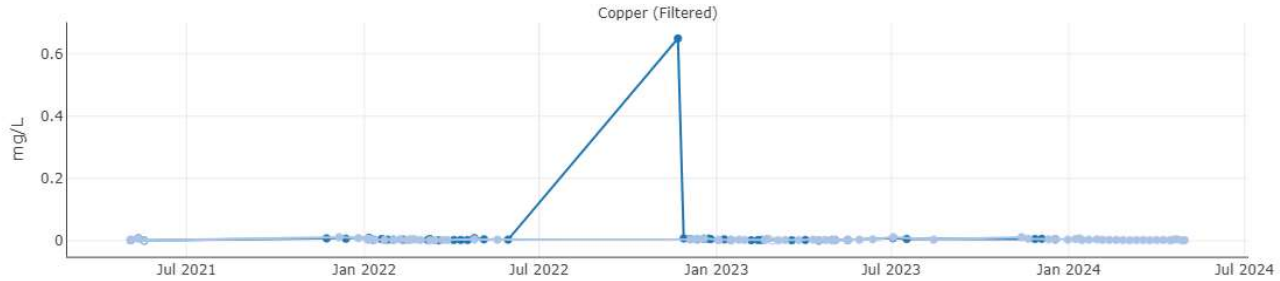

Chromium (III+VI)
mg/L
0.003
0.002
0.001
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

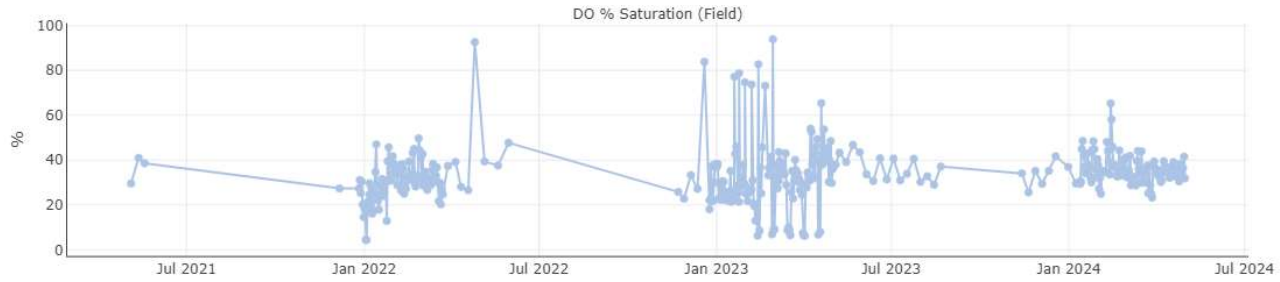

Chromium (III+VI) (Filtered)
mg/L
0.002
0.0015
0.001
0.0005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

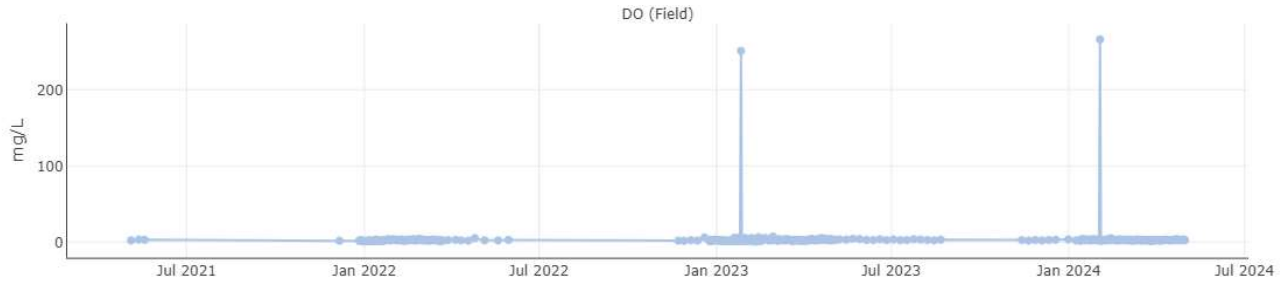

Cobalt
mg/L
2
1.5
1
0.5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

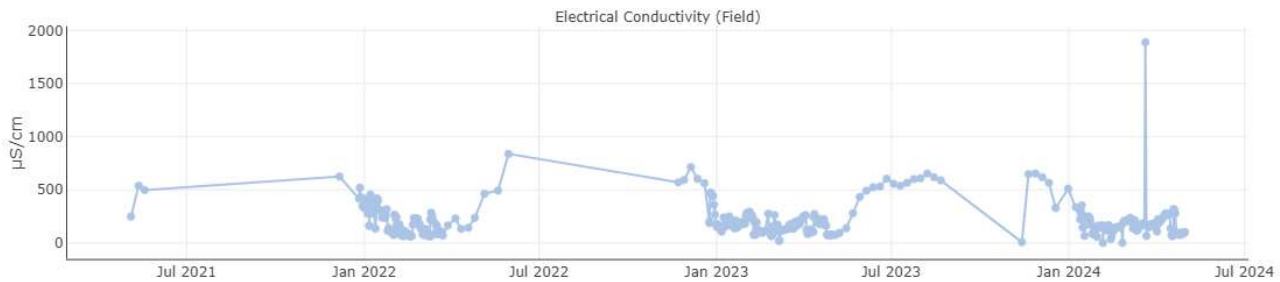

Cobalt (Filtered)
mg/L
1.5
1
0.5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

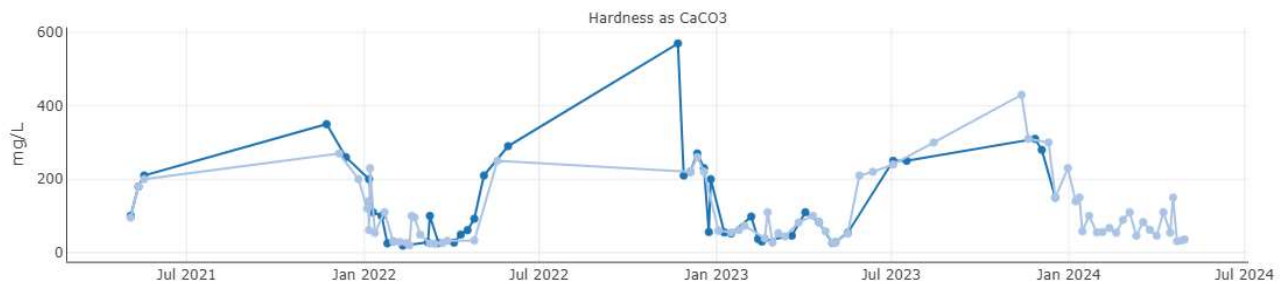

Copper
mg/L
0.8
0.6
0.4
0.2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

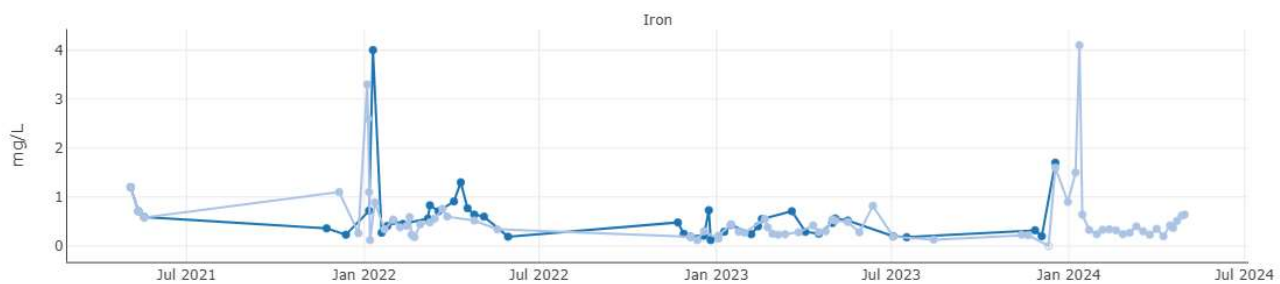

Copper (Filtered)
mg/L
0.6
0.4
0.2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

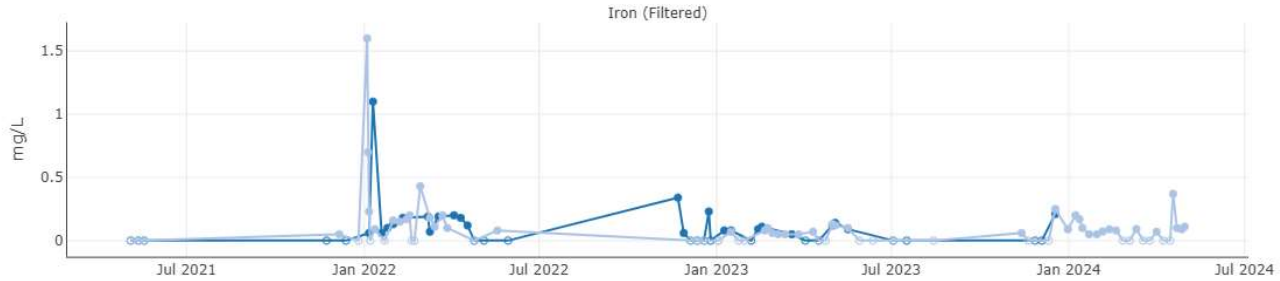

DO % Saturation (Field)
%
100
80
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


DO (Field)
mg/L
200
100
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

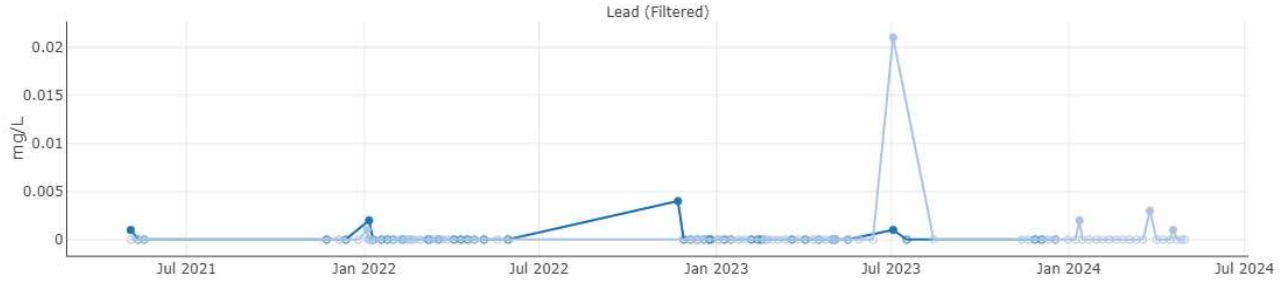

Electrical Conductivity (Field)
µS/cm
2000
1500
1000
500
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Hardness as CaCO3
mg/L
600
400
200
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Iron
mg/L
4
3
2
1
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

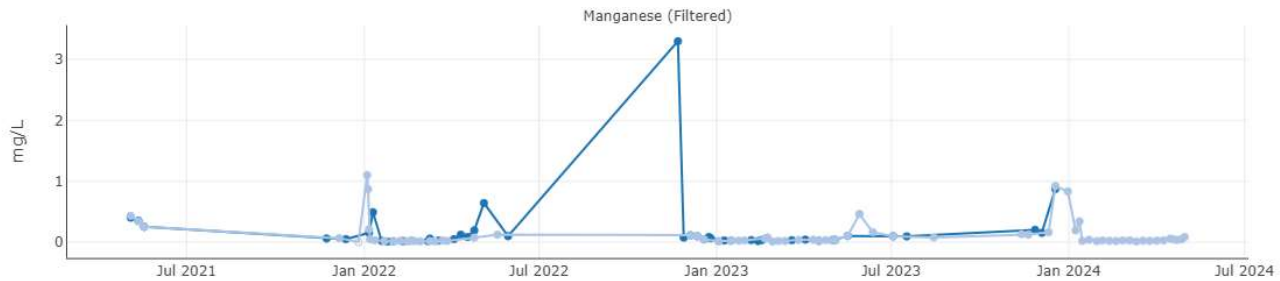

Iron (Filtered)
mg/L
1.5
1
0.5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

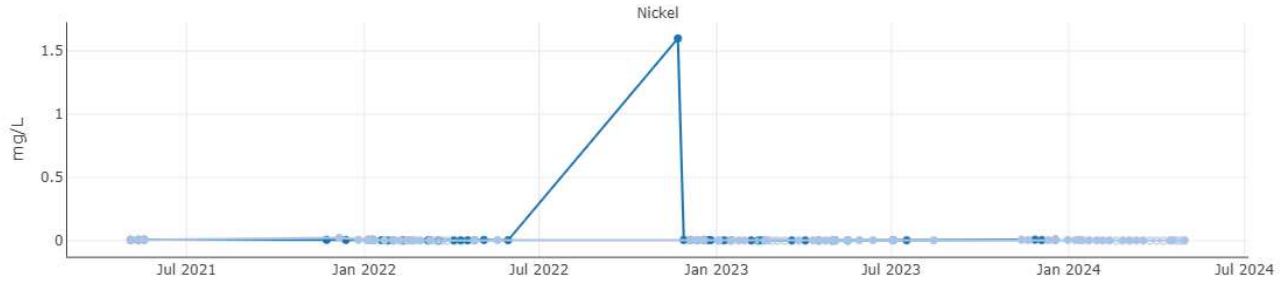

Lead
mg/L
0.02
0.015
0.01
0.005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

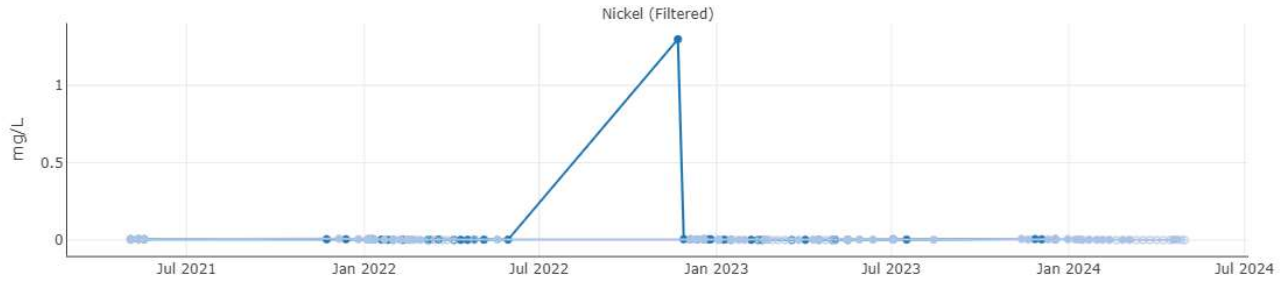

Lead (Filtered)
mg/L
0.02
0.015
0.01
0.005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

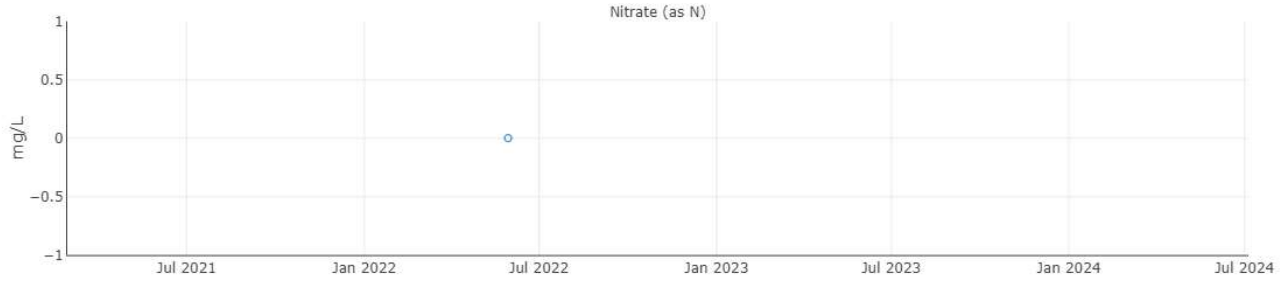

Magnesium
mg/L
100
80
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Manganese
mg/L
4
3
2
1
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Manganese (Filtered)
mg/L
3
2
1
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

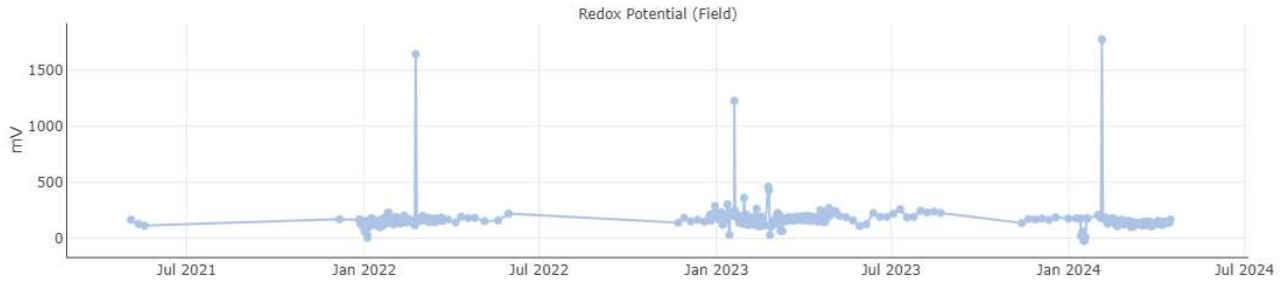

Nickel
mg/L
1.5
1
0.5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

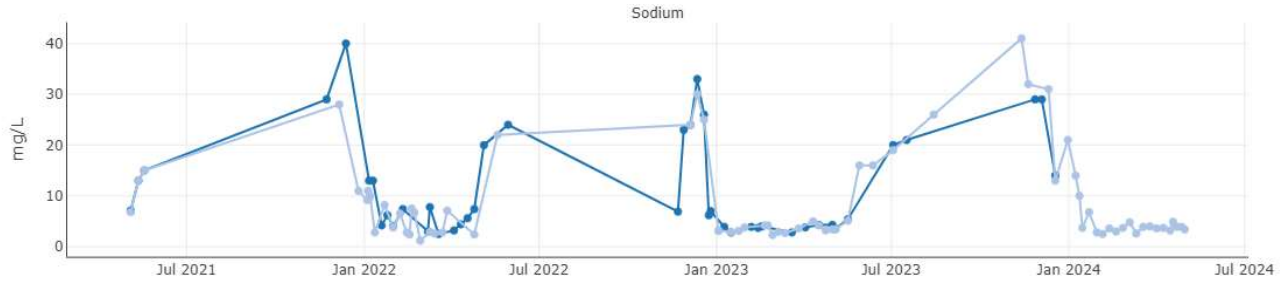

Nickel (Filtered)
mg/L
1
0.5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

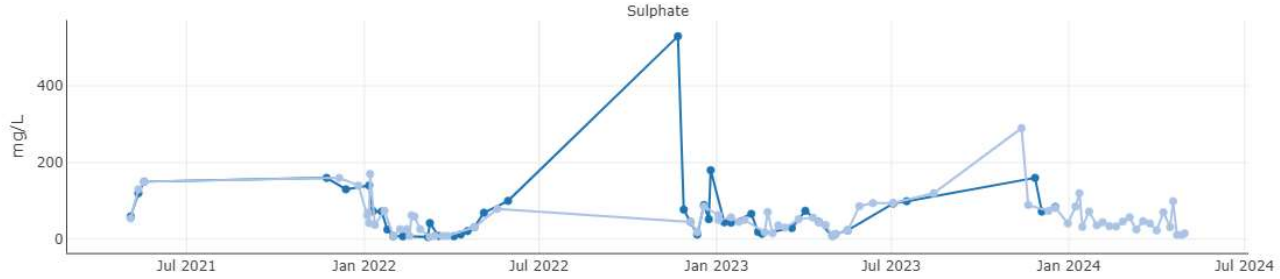

Nitrate (as N)
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

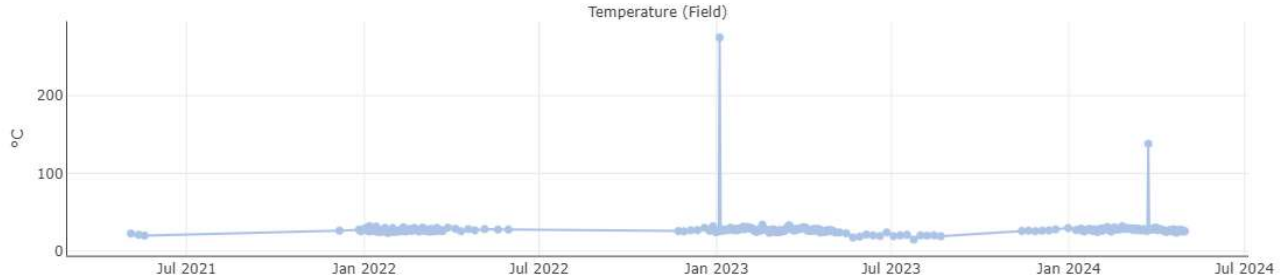

pH (Field)
-
8.5
8
7.5
7
6.5
6
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Potassium
mg/L
6
4
2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

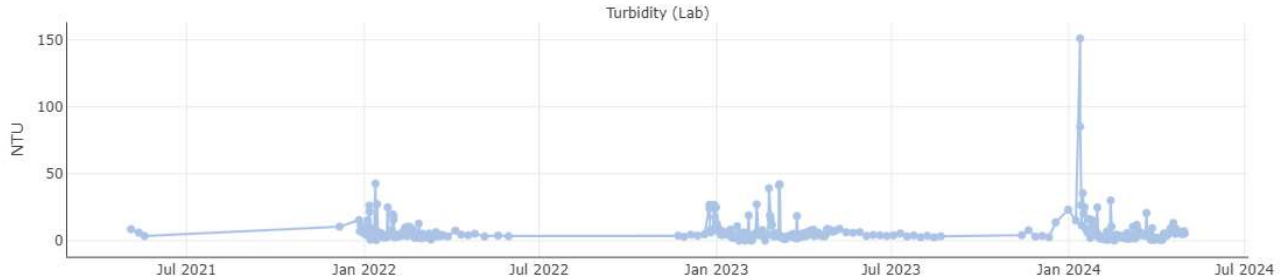

Redox Potential (Field)
mV
1500
1000
500
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

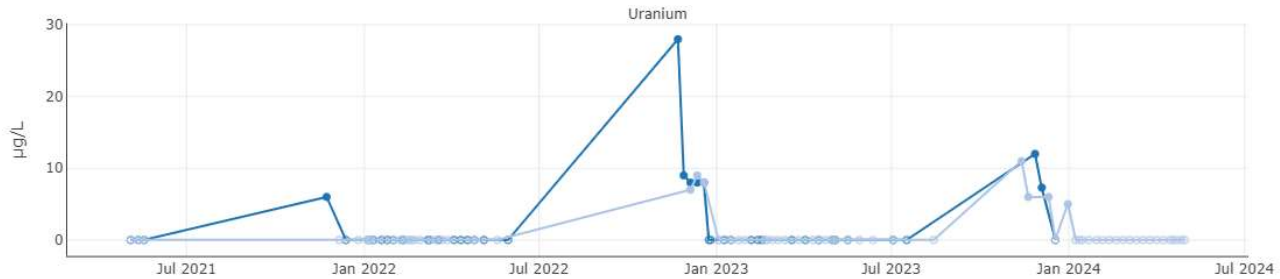

Sodium
mg/L
40
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

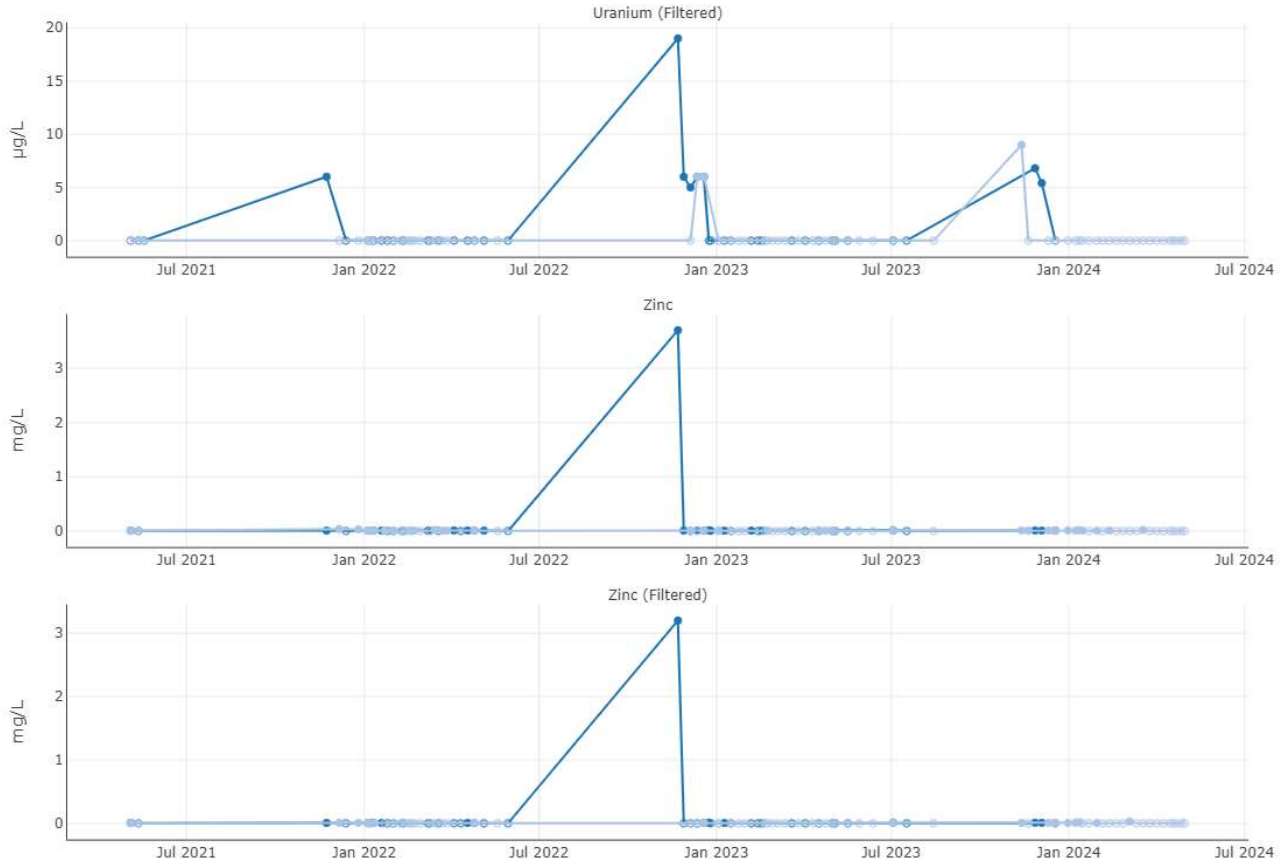

Sulphate
mg/L
400
200
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Temperature (Field)
°C
200
100
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Total Suspended Solids (Lab)
mg/L
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Turbidity (Lab)
NTU
150
100
50
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Uranium
µg/L
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024



The report was generated based on the following filter:

Sampled Date between "01 May 2021" and "30 Apr 2024",

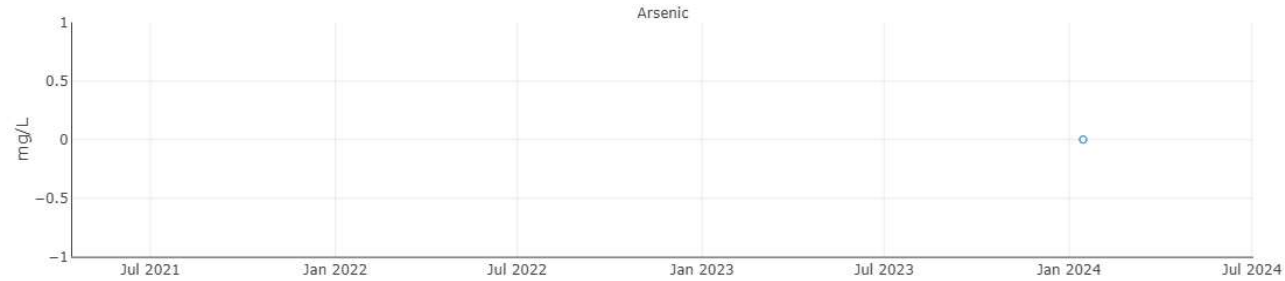
Locations In "Site 5,SITE5"

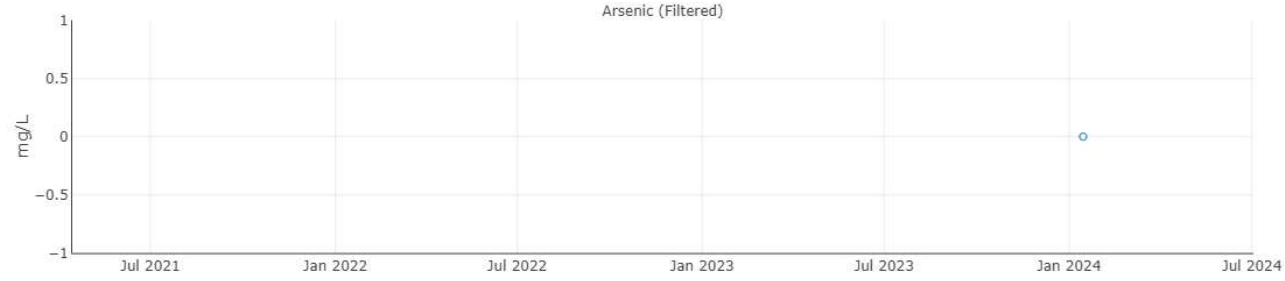
Non-detects are indicated by a hollow marker

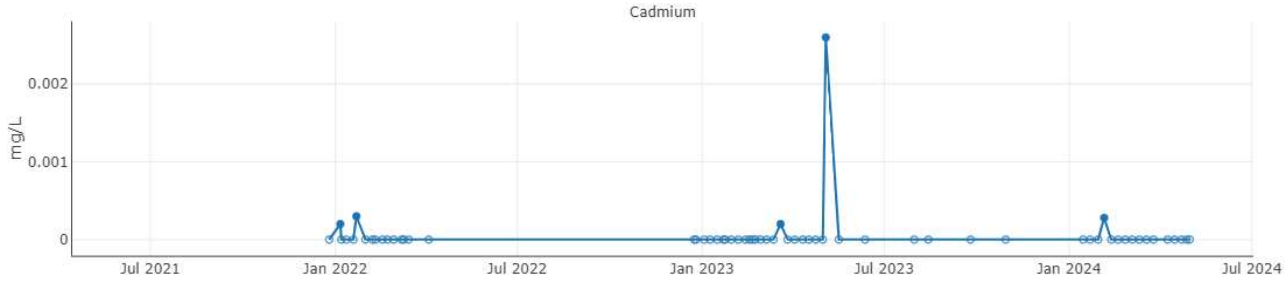
Publication Date: 15 May 2024

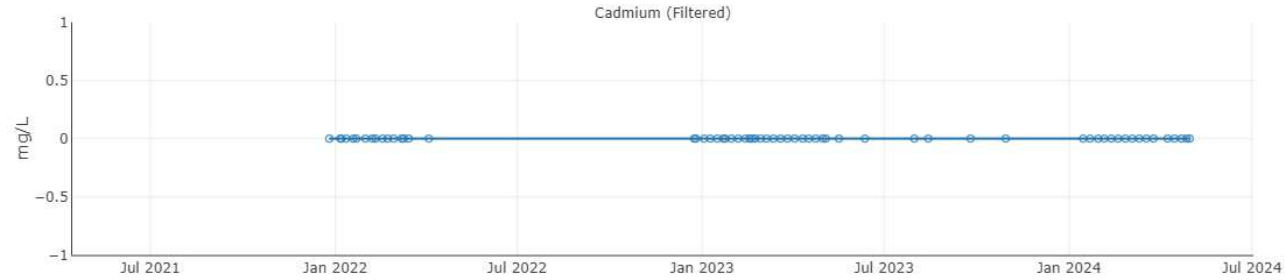
Chemistry Graph



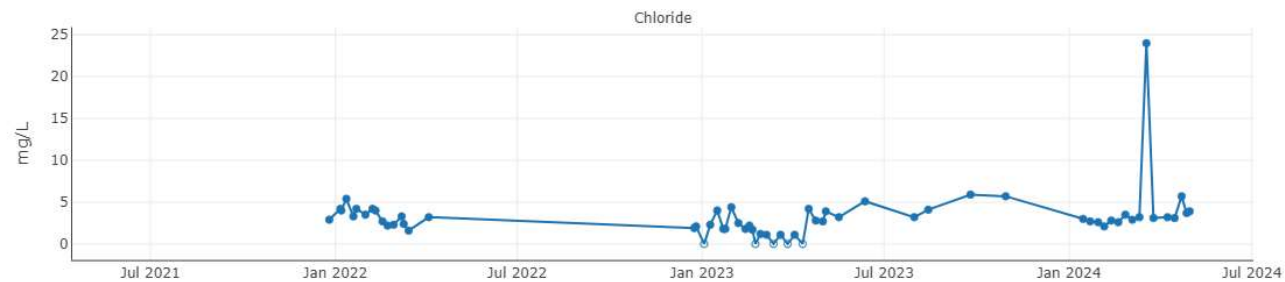

Arsenic
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

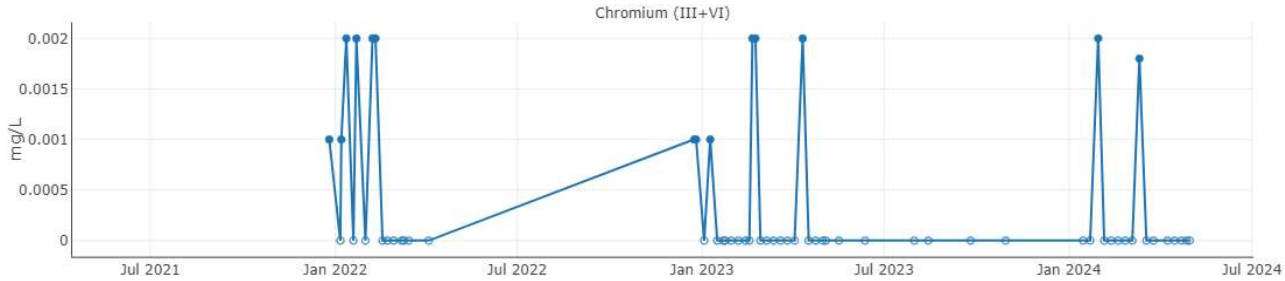

Arsenic (Filtered)
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

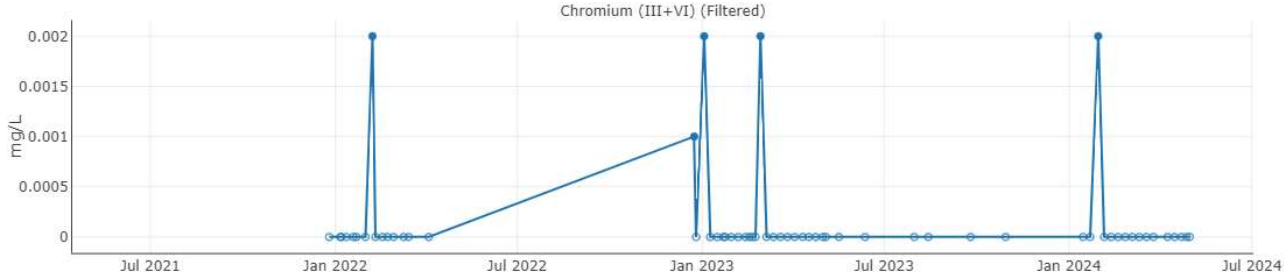

Cadmium
mg/L
0.002
0.001
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

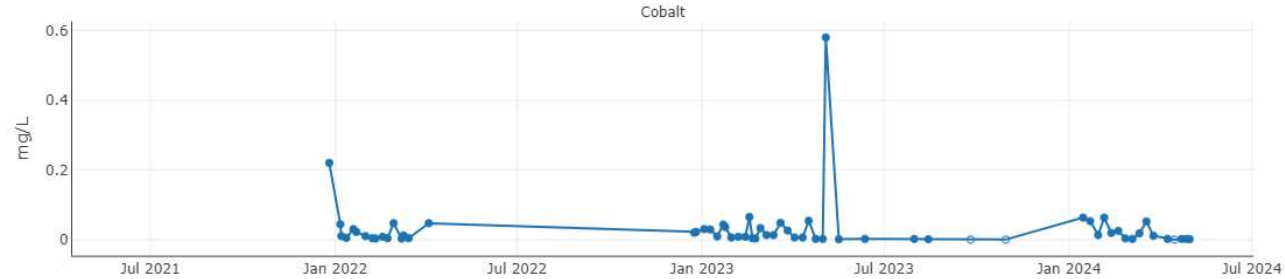

Cadmium (Filtered)
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

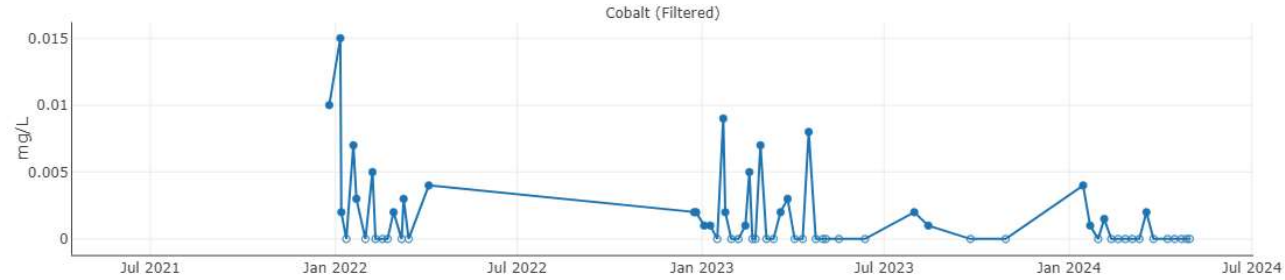

Calcium
mg/L
60
40
20
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

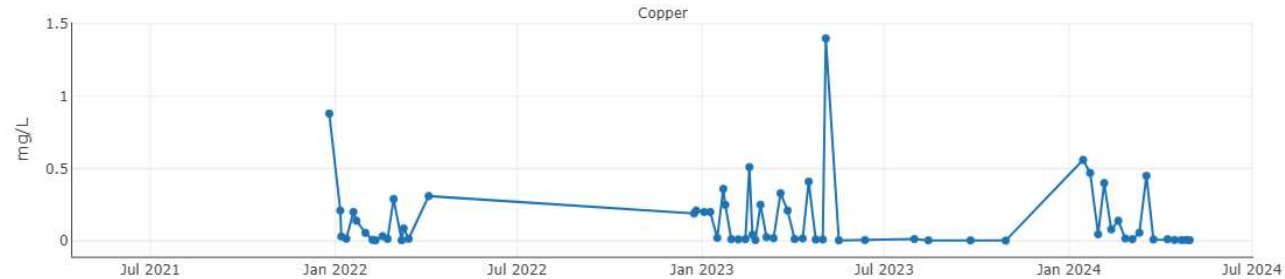

Chloride
mg/L
25
20
15
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

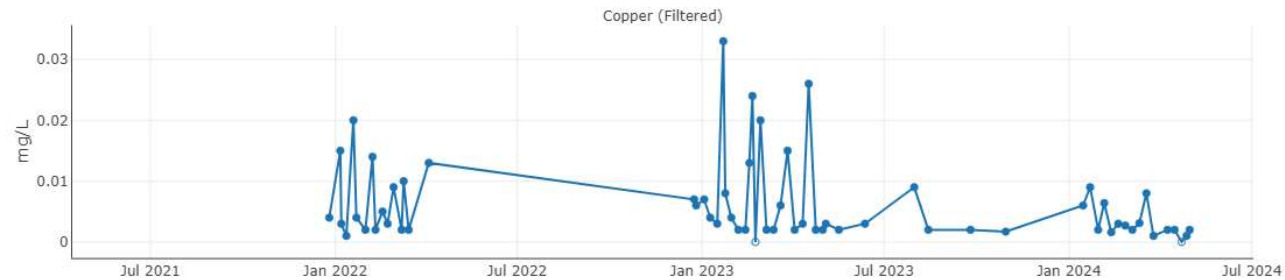

Chromium (III+VI)
mg/L
0.002
0.0015
0.001
0.0005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

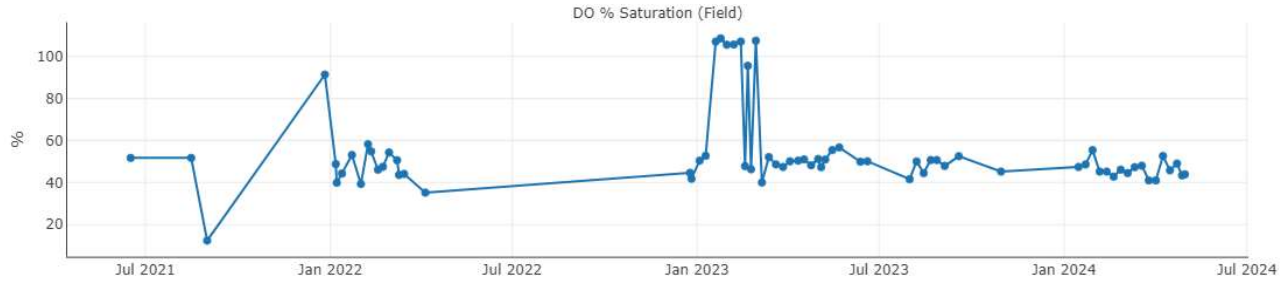

Chromium (III+VI) (Filtered)
mg/L
0.002
0.0015
0.001
0.0005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

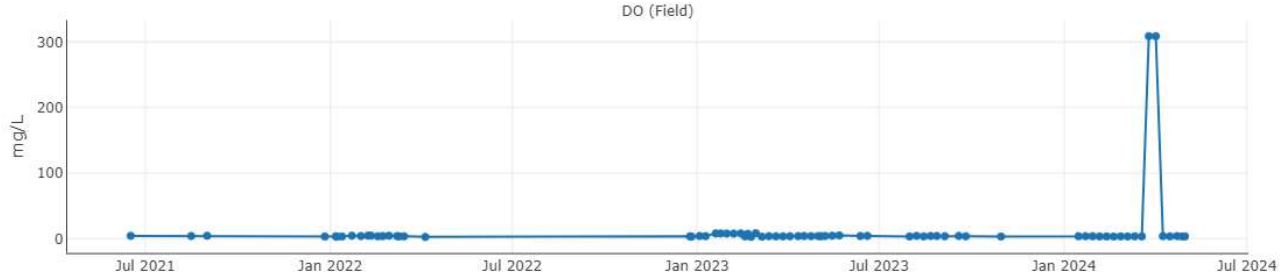

Cobalt
mg/L
0.6
0.4
0.2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

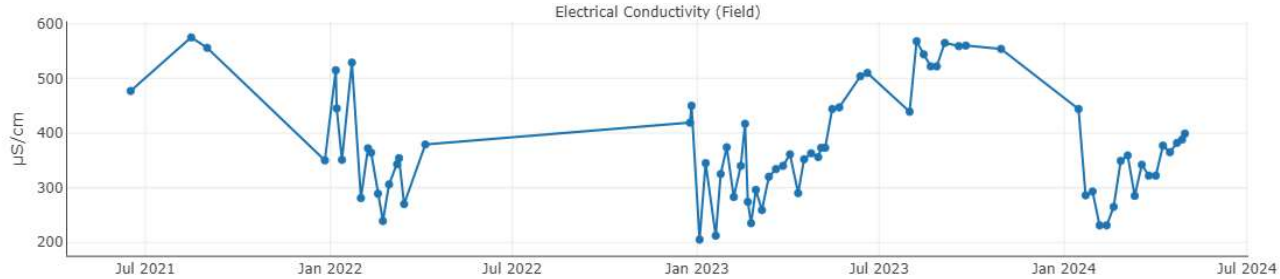

Cobalt (Filtered)
mg/L
0.015
0.01
0.005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

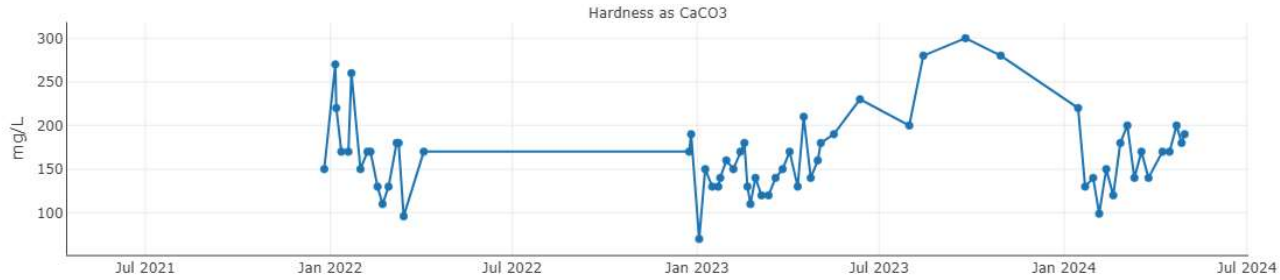

Copper
mg/L
1.5
1
0.5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

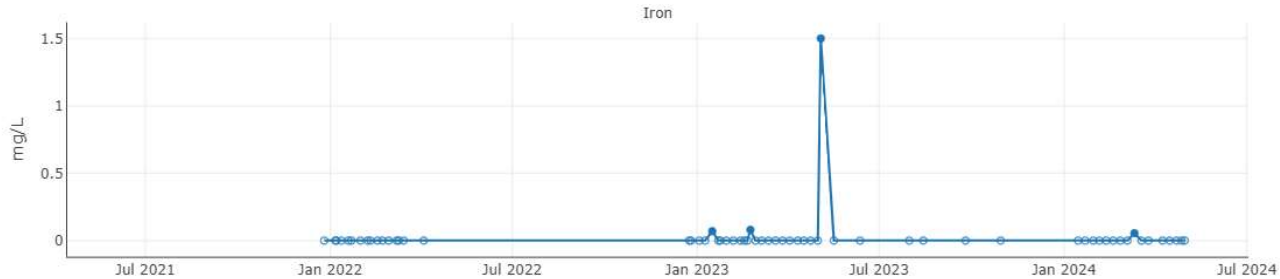

Copper (Filtered)
mg/L
0.03
0.02
0.01
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

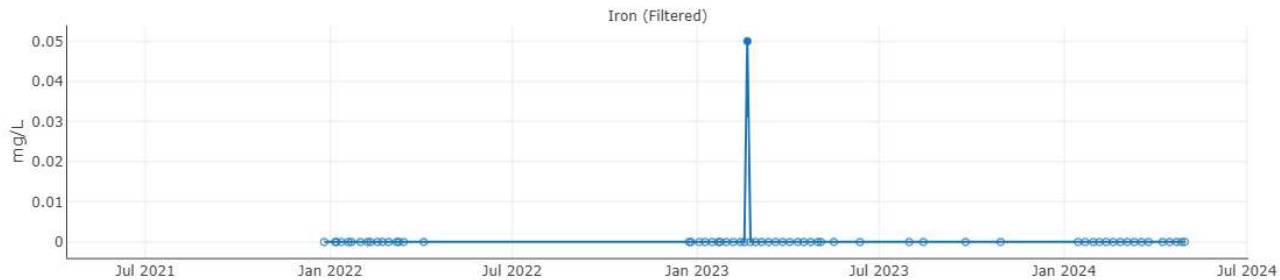

DO % Saturation (Field)
%
100
80
60
40
20
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


DO (Field)
mg/L
300
200
100
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

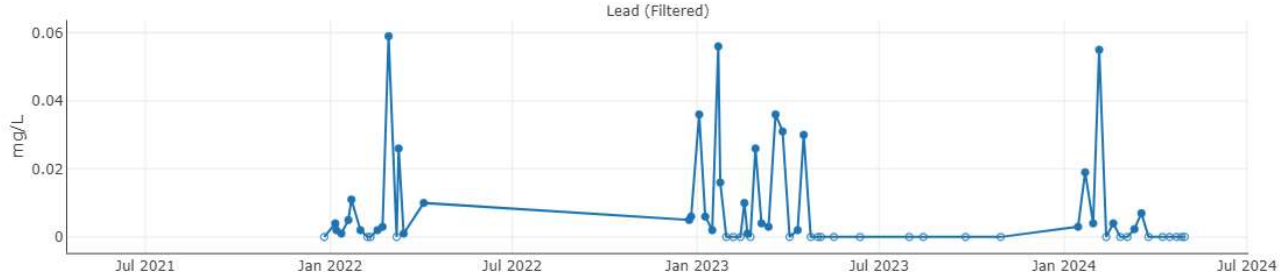

Electrical Conductivity (Field)
µS/cm
600
500
400
300
200
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

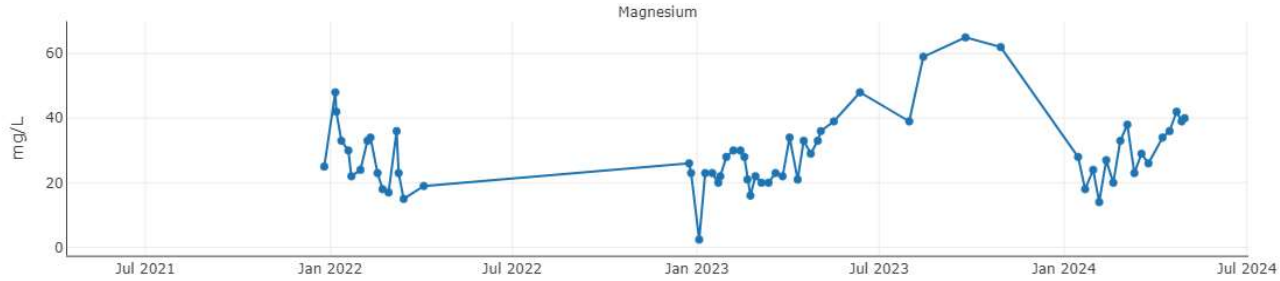

Hardness as CaCO3
mg/L
300
250
200
150
100
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Iron
mg/L
1.5
1
0.5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

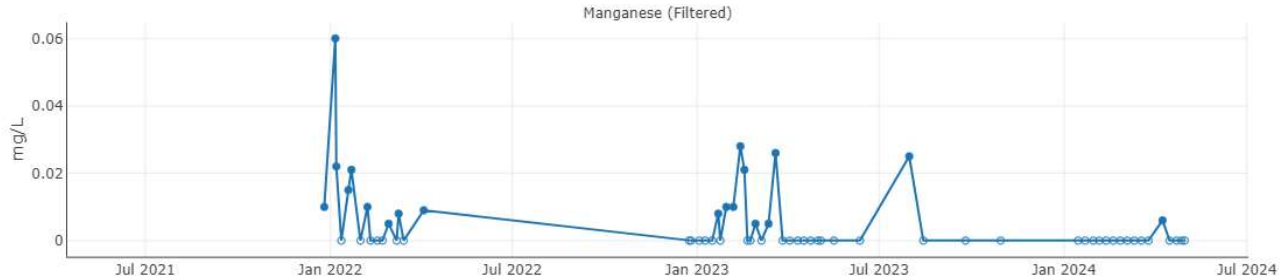

Iron (Filtered)
mg/L
0.05
0.04
0.03
0.02
0.01
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

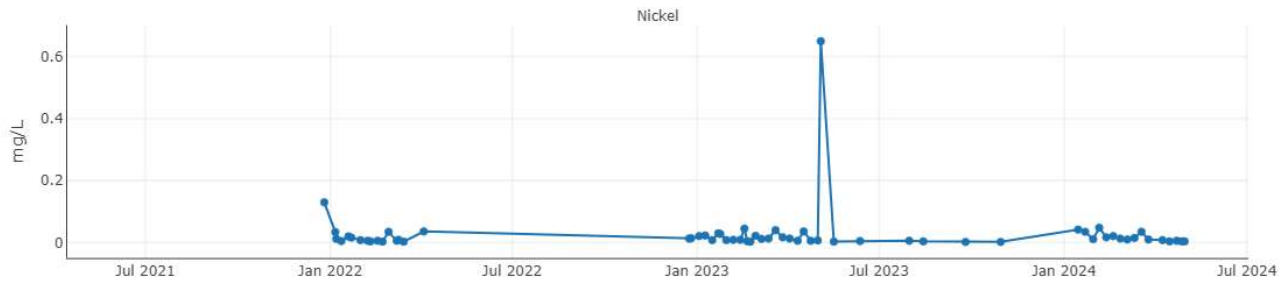

Lead
mg/L
0.1
0.05
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

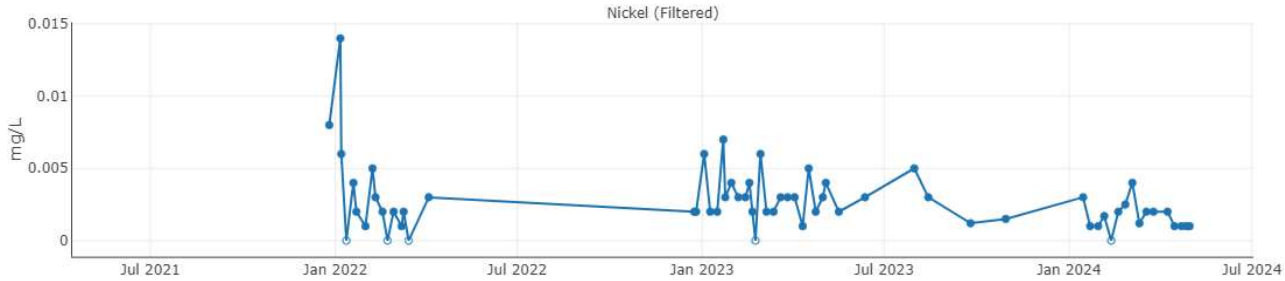

Lead (Filtered)
mg/L
0.06
0.04
0.02
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

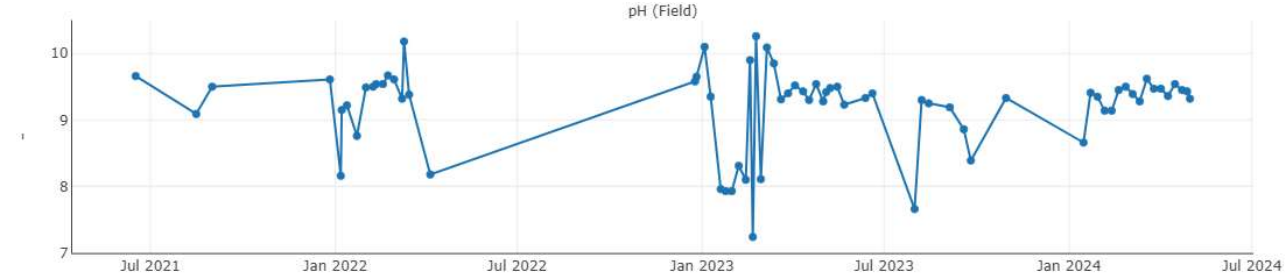

Magnesium
mg/L
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

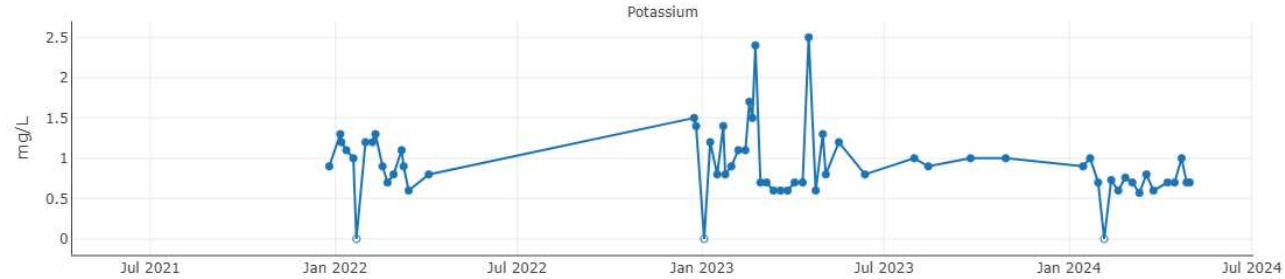

Manganese
mg/L
0.8
0.6
0.4
0.2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Manganese (Filtered)
mg/L
0.06
0.04
0.02
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

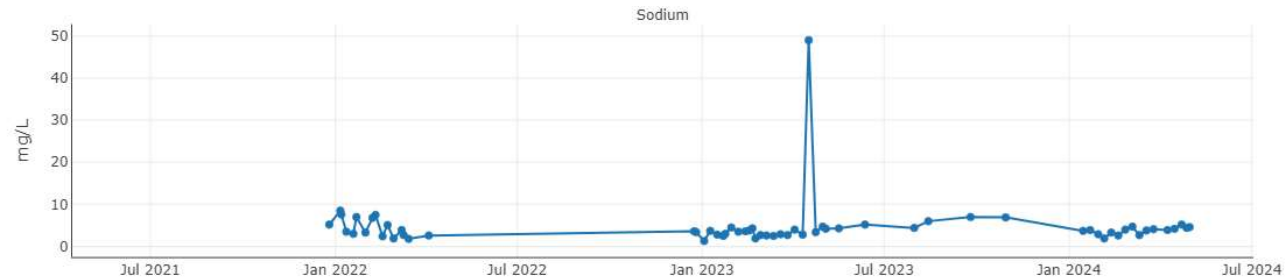

Nickel
mg/L
0.6
0.4
0.2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

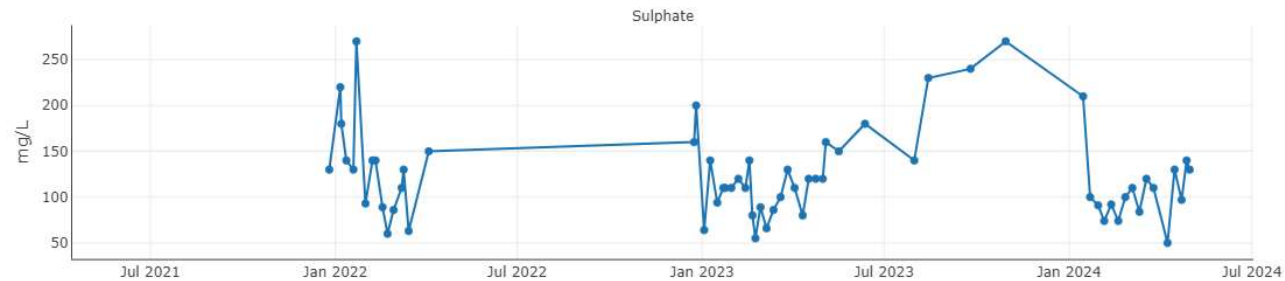

Nickel (Filtered)
mg/L
0.015
0.01
0.005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

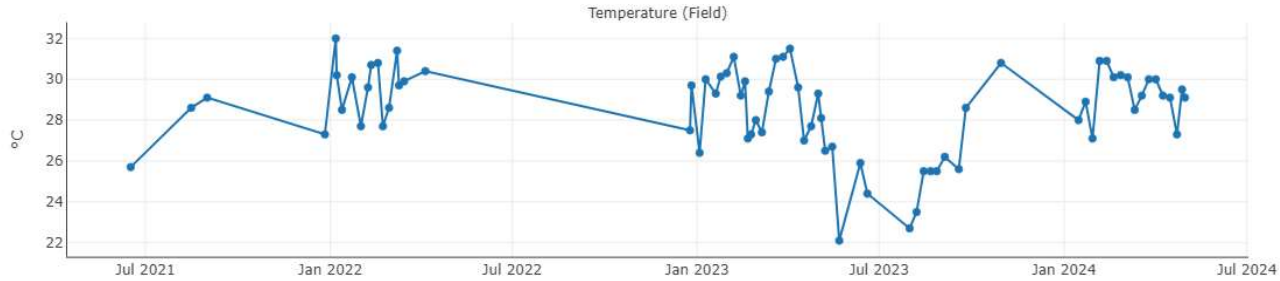

pH (Field)
-
10
9
8
7
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

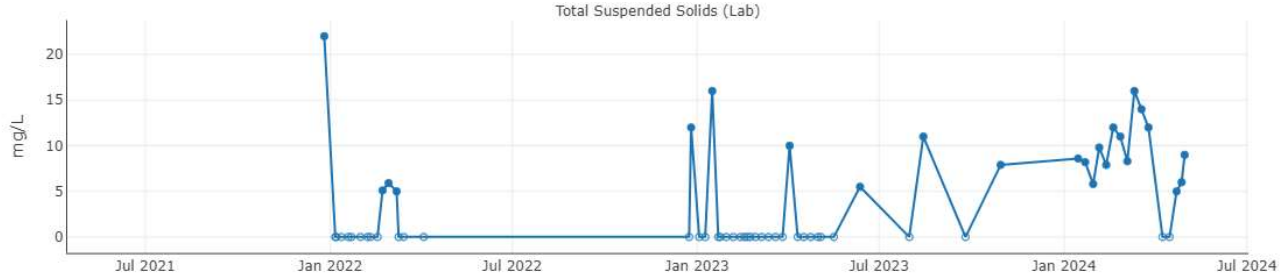

Potassium
mg/L
2.5
2
1.5
1
0.5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

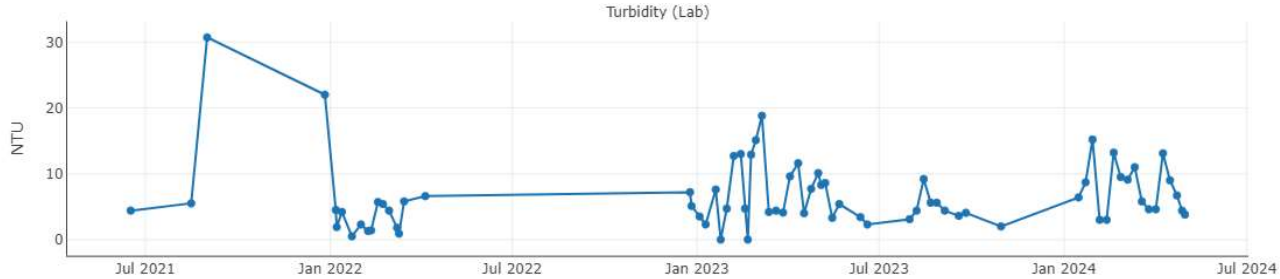

Redox Potential (Field)
mV
200
150
100
50
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

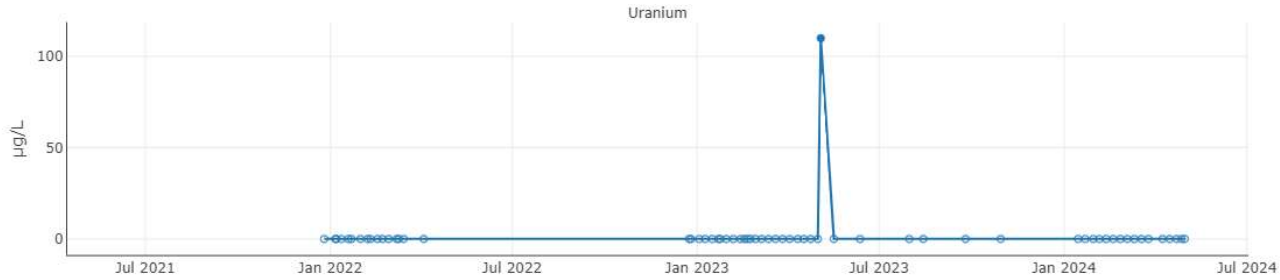

Sodium
mg/L
50
40
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

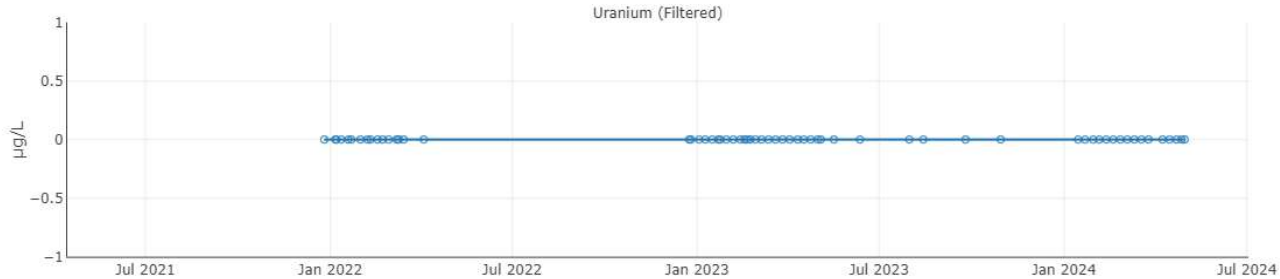

Sulphate
mg/L
250
200
150
100
50
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Temperature (Field)
°C
32
30
28
26
24
22
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

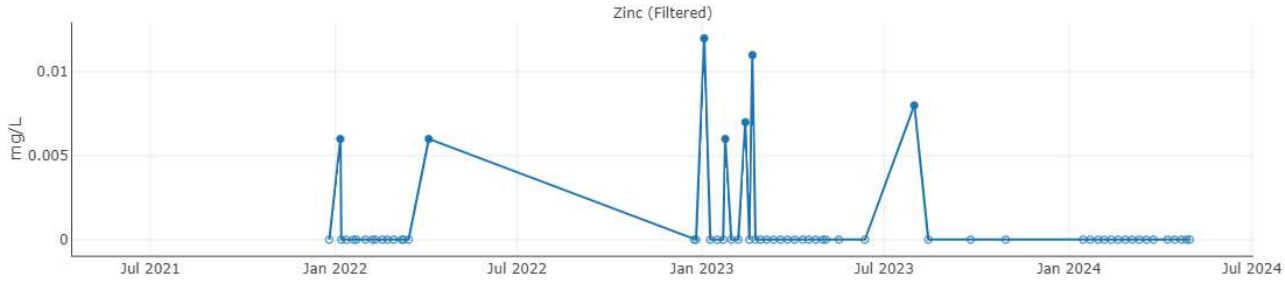

Total Suspended Solids (Lab)
mg/L
20
15
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Turbidity (Lab)
NTU
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Uranium
µg/L
100
50
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Uranium (Filtered)
µg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Zinc
mg/L
0.8
0.6
0.4
0.2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024



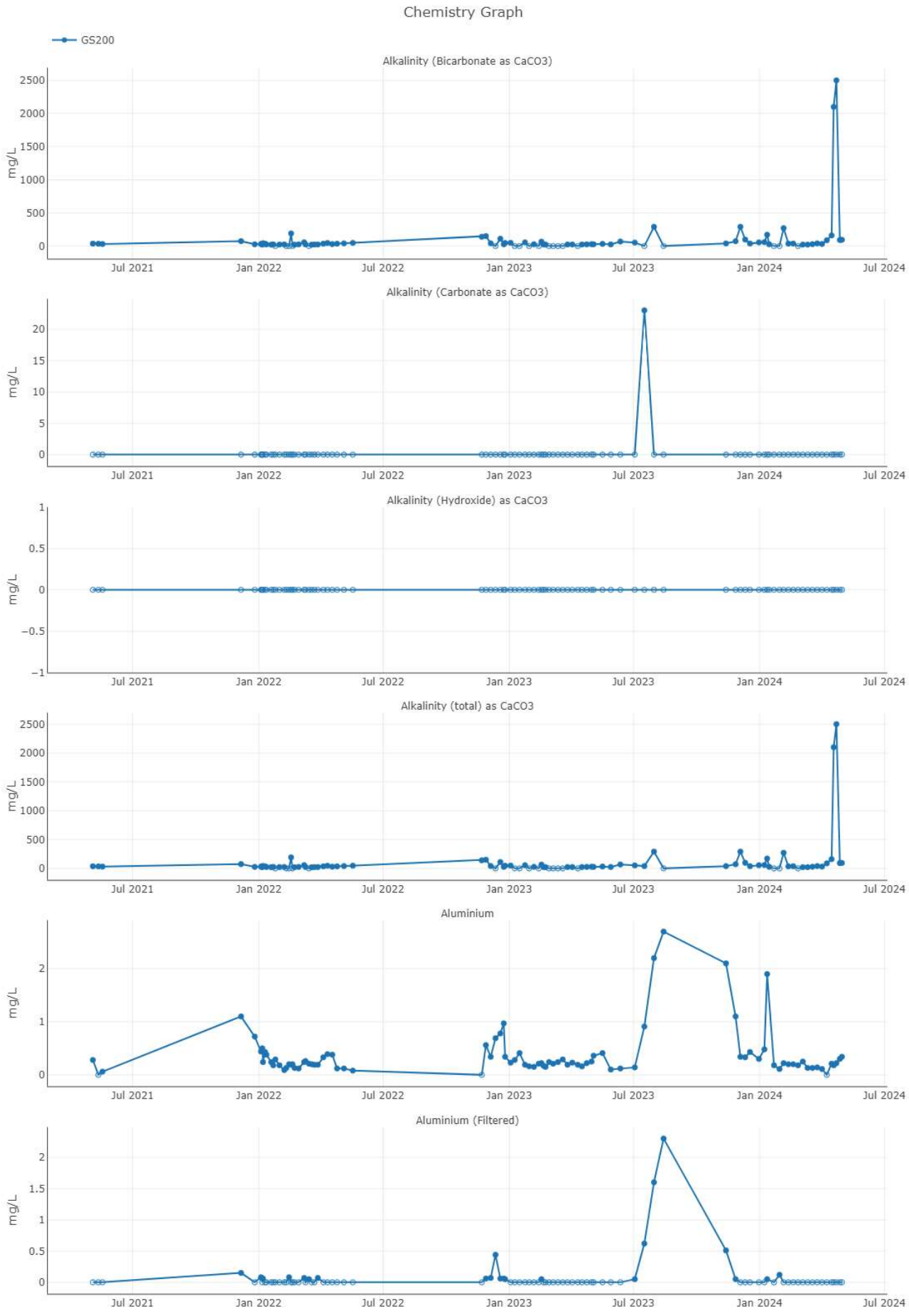
The report was generated based on the following filter:

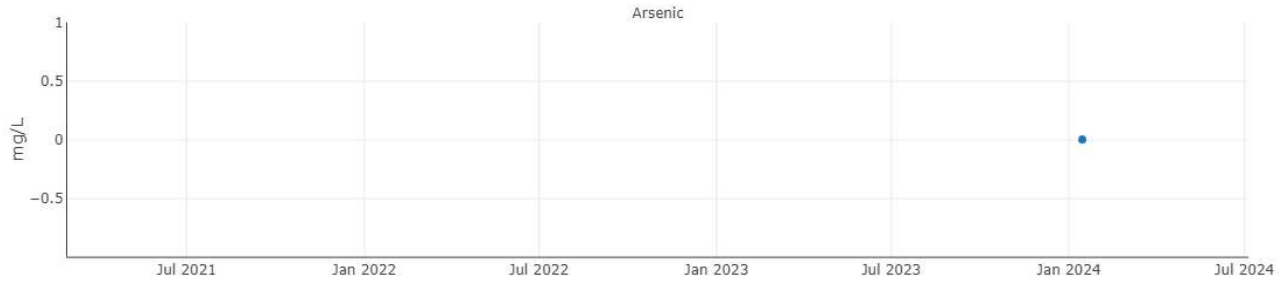
Sampled Date between "01 May 2021" and "30 Apr 2024",

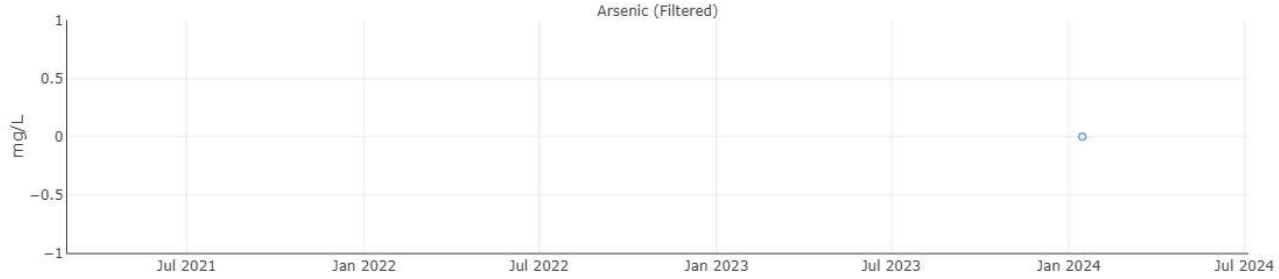
Locations In "TREAT01"

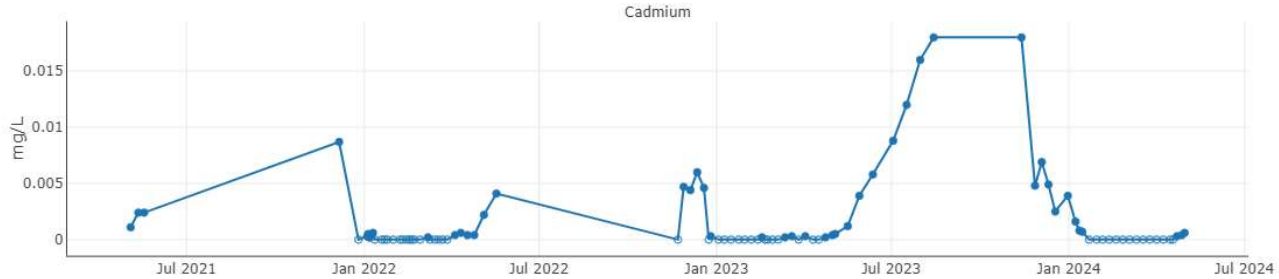
Non-detects are indicated by a hollow marker

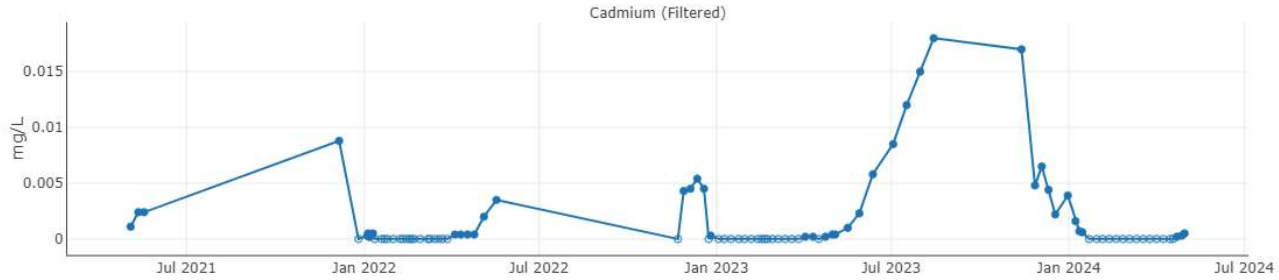
Publication Date: 15 May 2024


Chemistry Graph
GS200
Alkalinity (Bicarbonate as CaCO3)
Alkalinity (Carbonate as CaCO3)
Alkalinity (Hydroxide) as CaCO3
Alkalinity (total) as CaCO3
Aluminium
Aluminium (Filtered)
mg/L
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

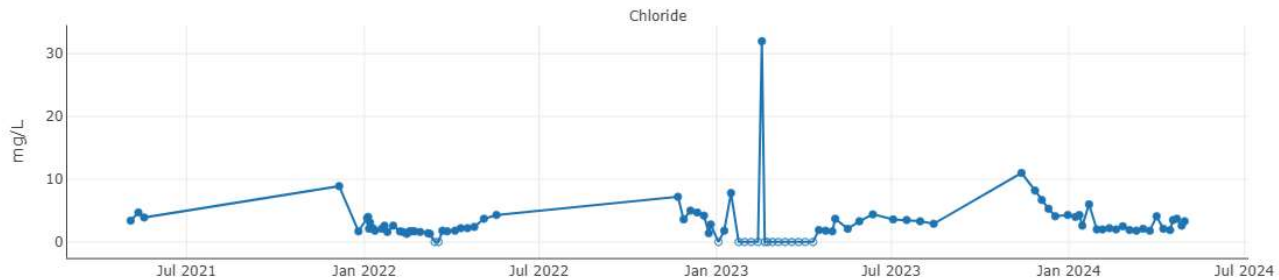

Arsenic
mg/L
1
0.5
0
−0.5
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

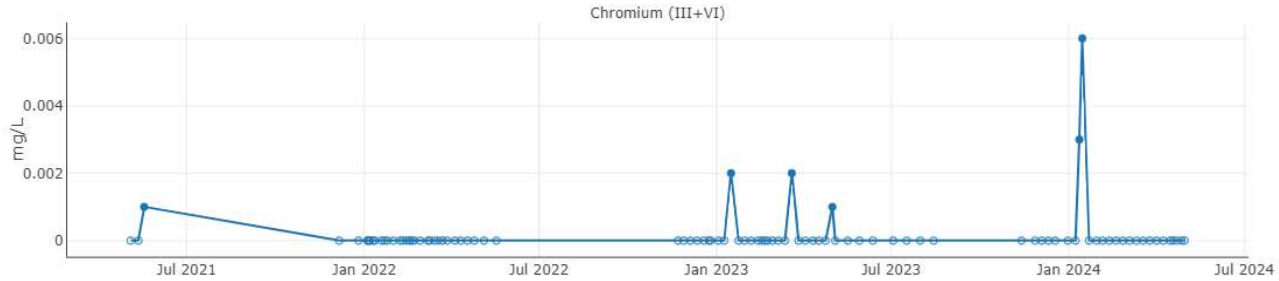

Arsenic (Filtered)
mg/L
1
0.5
0
−0.5
−1
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

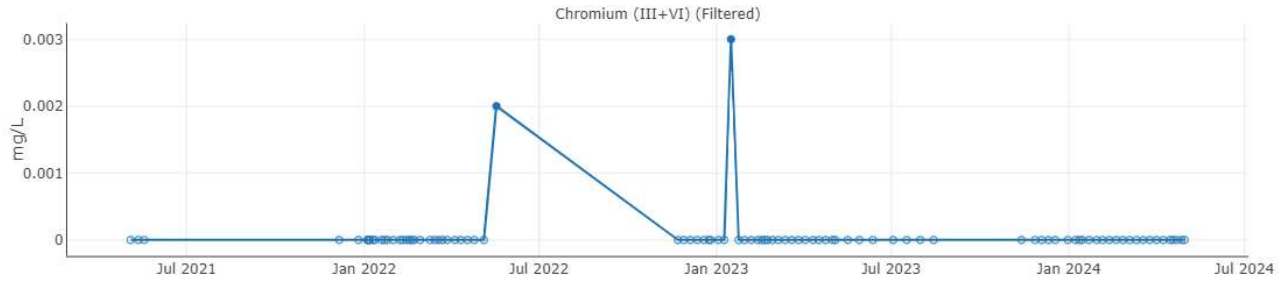

Cadmium
mg/L
0.015
0.01
0.005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

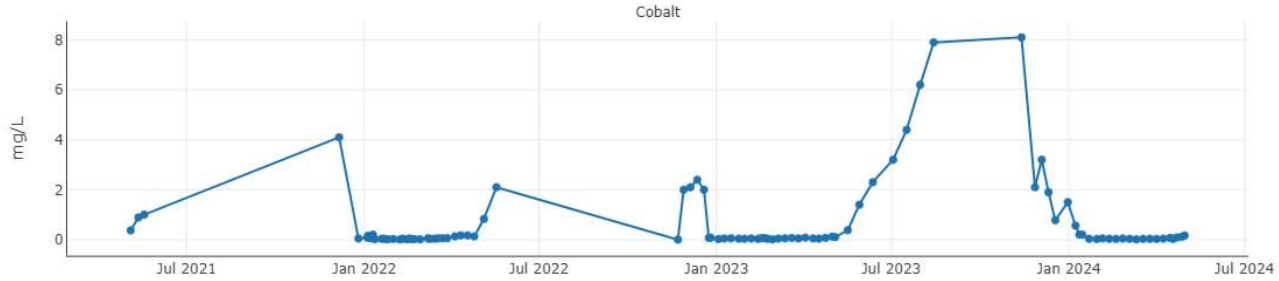

Cadmium (Filtered)
mg/L
0.015
0.01
0.005
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

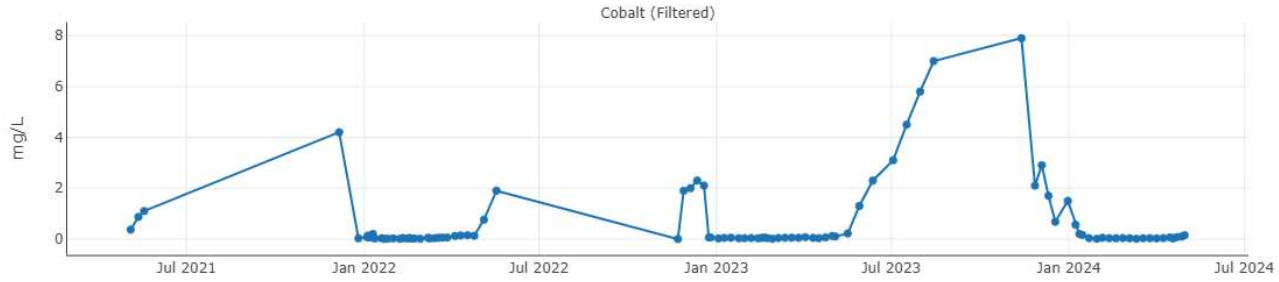

Calcium
mg/L
150
100
50
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

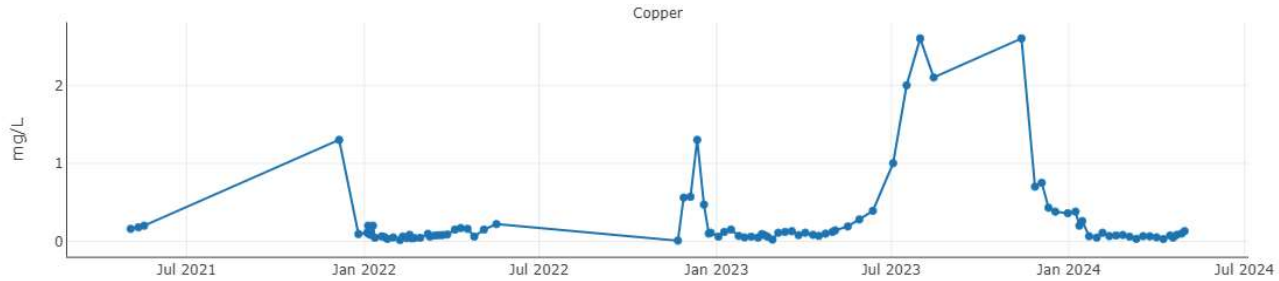

Chloride
mg/L
30
20
10
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

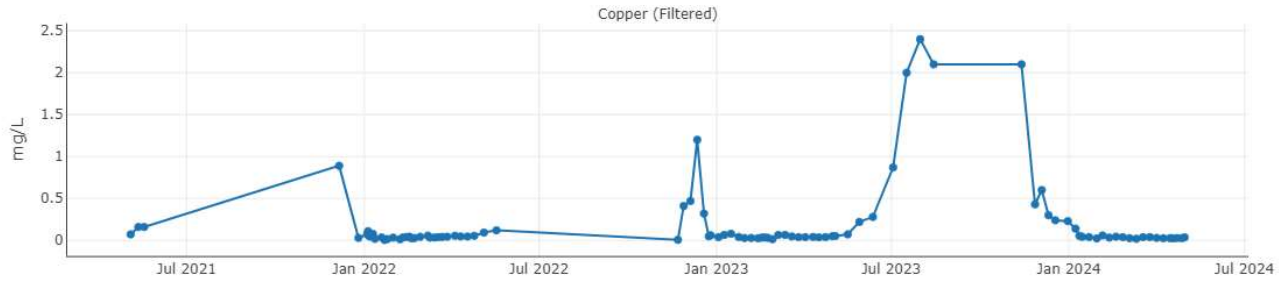

Chromium (III+VI)
mg/L
0.006
0.004
0.002
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

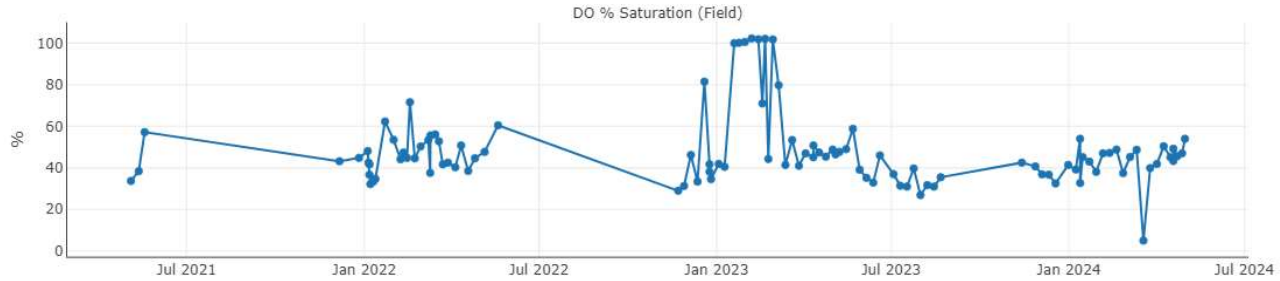

Chromium (III+VI) (Filtered)
mg/L
0.003
0.002
0.001
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

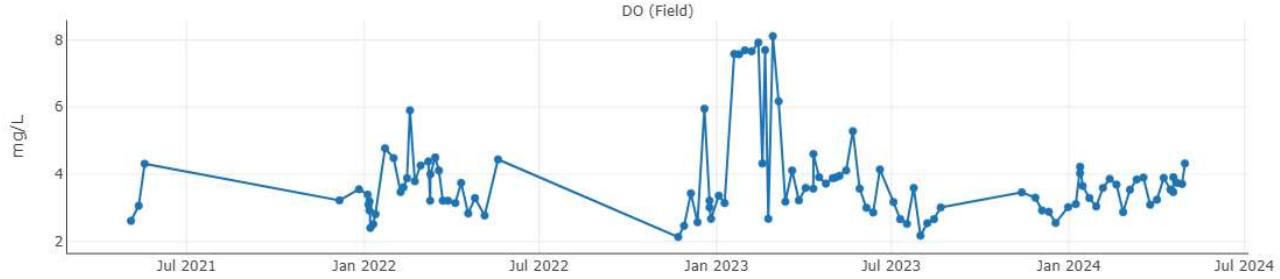

Cobalt
mg/L
8
6
4
2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Cobalt (Filtered)
mg/L
8
6
4
2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

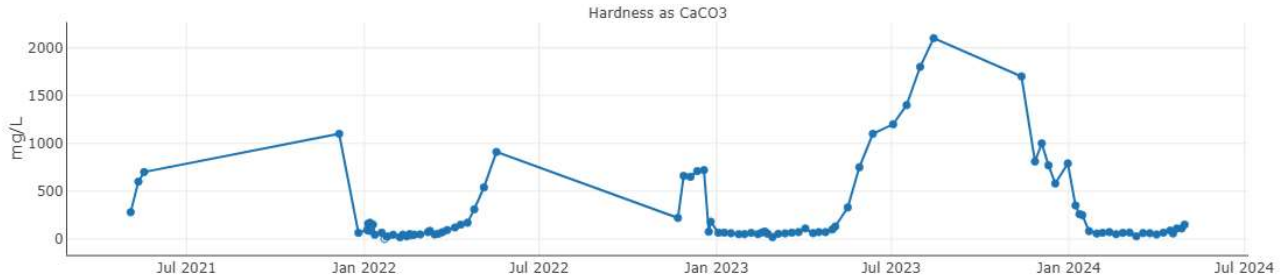

Copper
mg/L
2
1
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

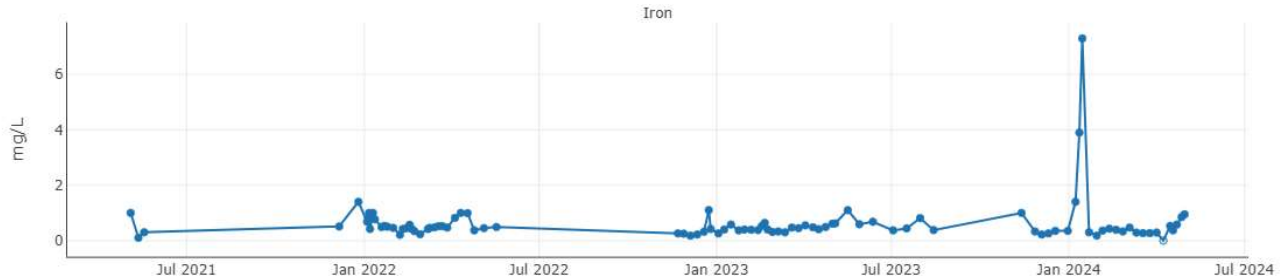

Copper (Filtered)
mg/L
2.5
2
1.5
1
0.5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

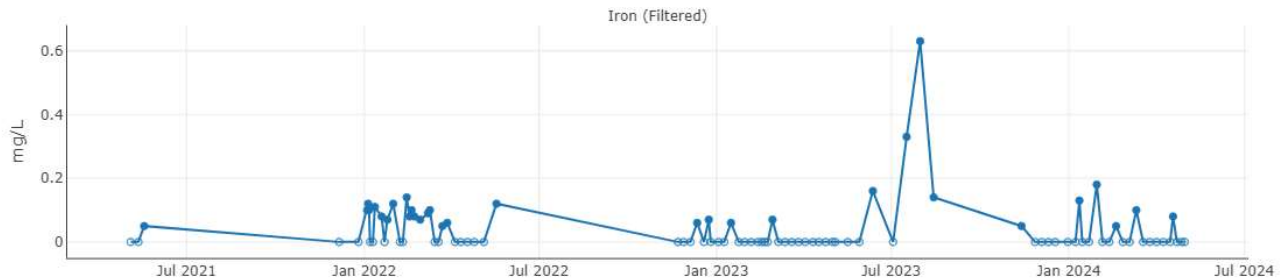

DO % Saturation (Field)
%
100
80
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


DO (Field)
mg/L
8
6
4
2
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

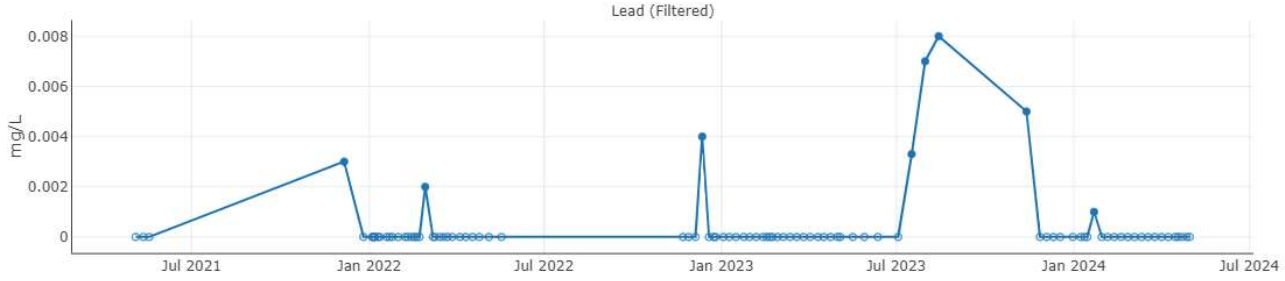

Electrical Conductivity (Field)
µS/cm
2500
2000
1500
1000
500
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Hardness as CaCO3
mg/L
2000
1500
1000
500
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

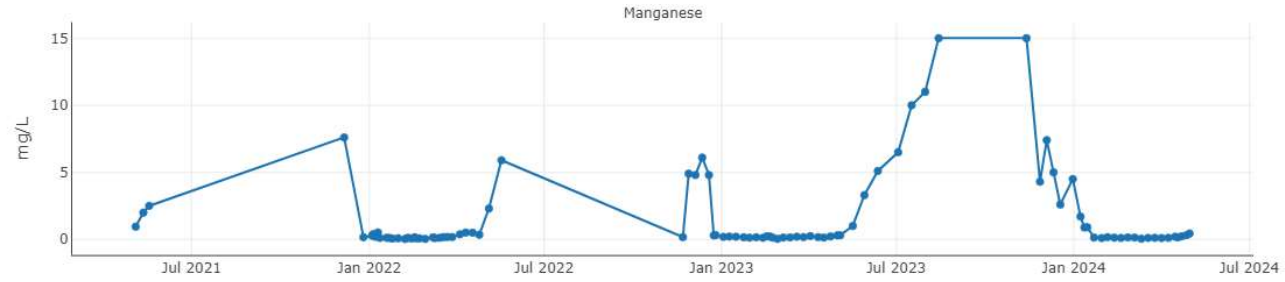

Iron
mg/L
6
4
2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

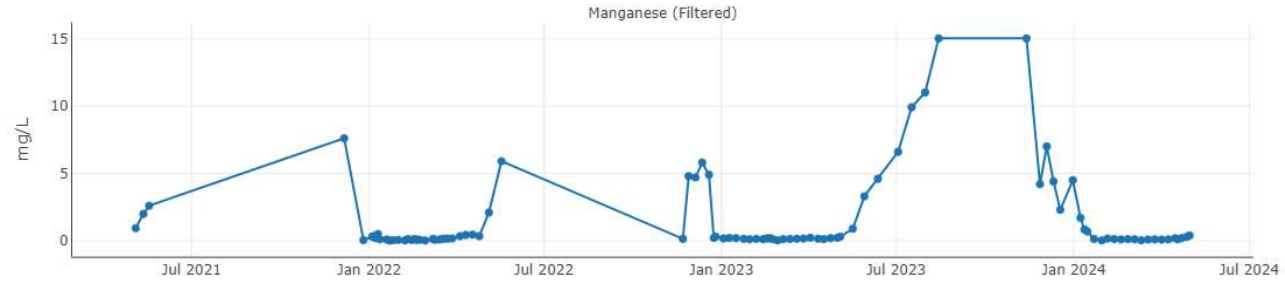

Iron (Filtered)
mg/L
0.6
0.4
0.2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

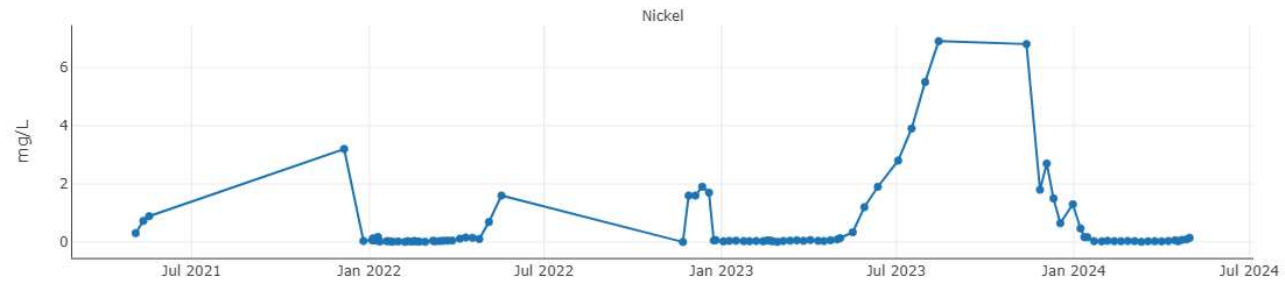

Lead
mg/L
0.04
0.03
0.02
0.01
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

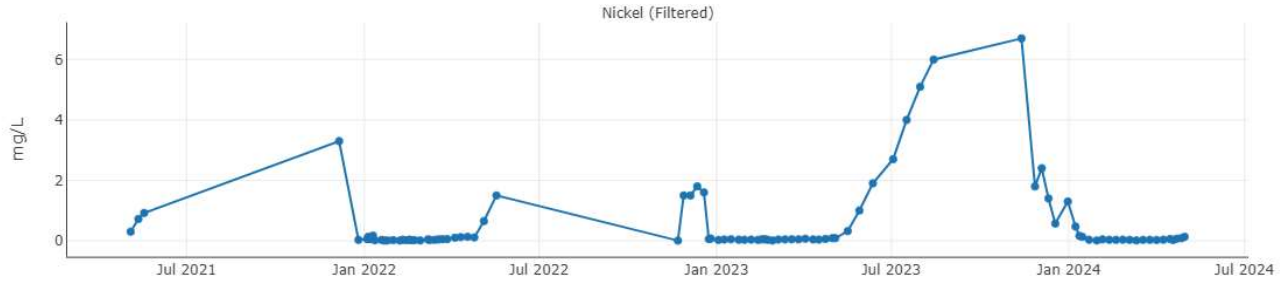

Lead (Filtered)
mg/L
0.008
0.006
0.004
0.002
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Magnesium
mg/L
400
300
200
100
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

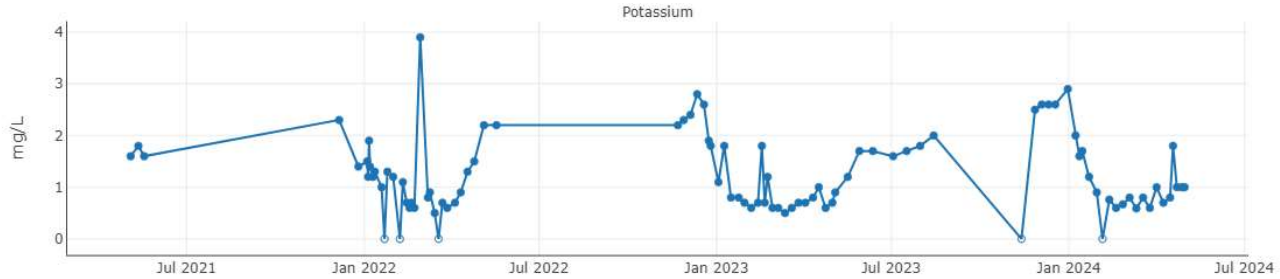

Manganese
mg/L
15
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

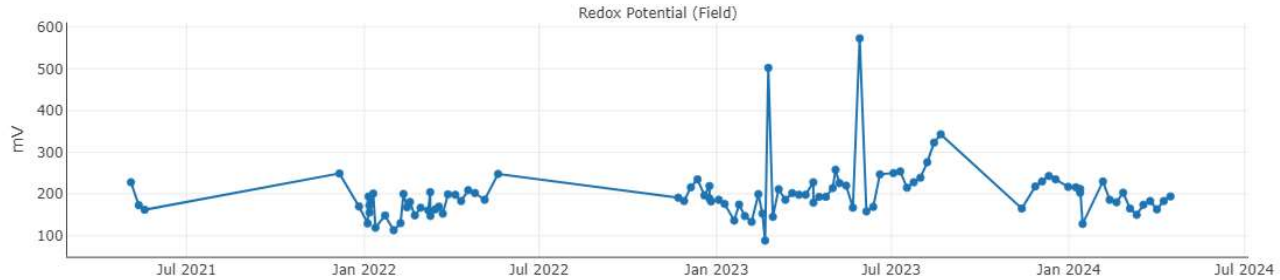

Manganese (Filtered)
mg/L
15
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

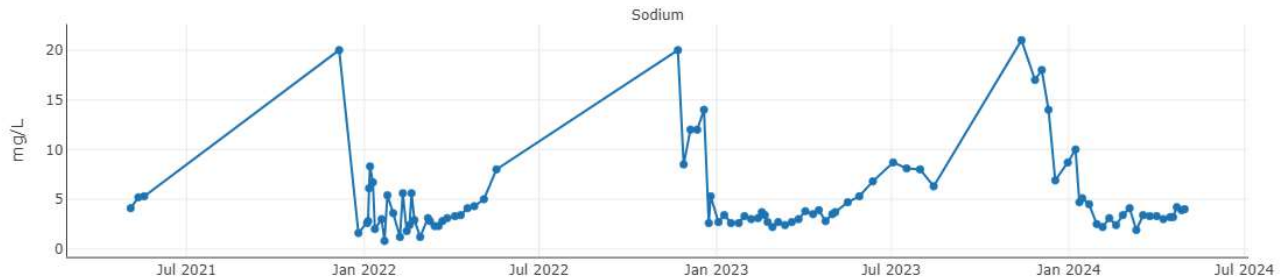

Nickel
mg/L
6
4
2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Nickel (Filtered)
mg/L
6
4
2
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

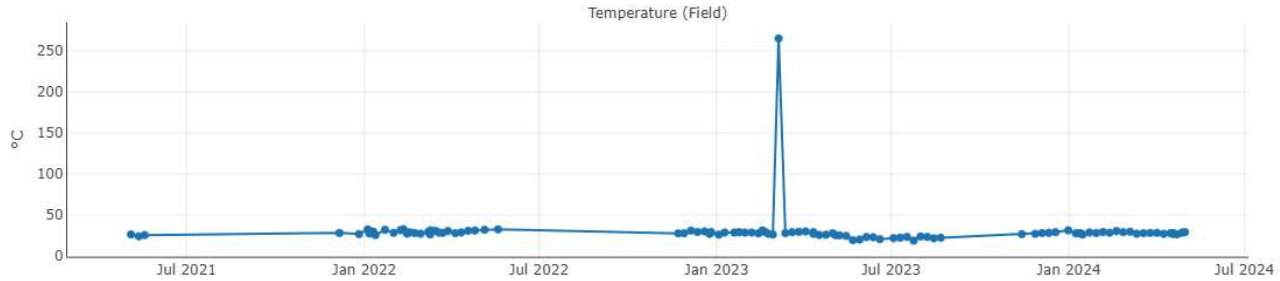

pH (Field)
-
8
7
6
5
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Potassium
mg/L
4
3
2
1
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

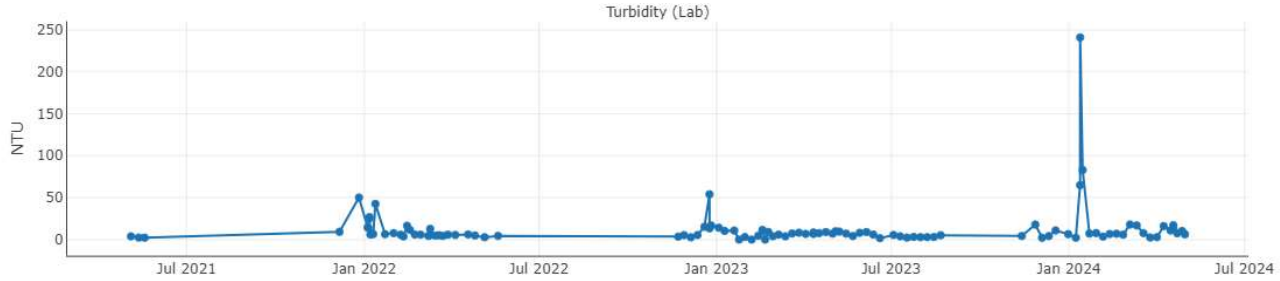

Redox Potential (Field)
mV
600
500
400
300
200
100
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

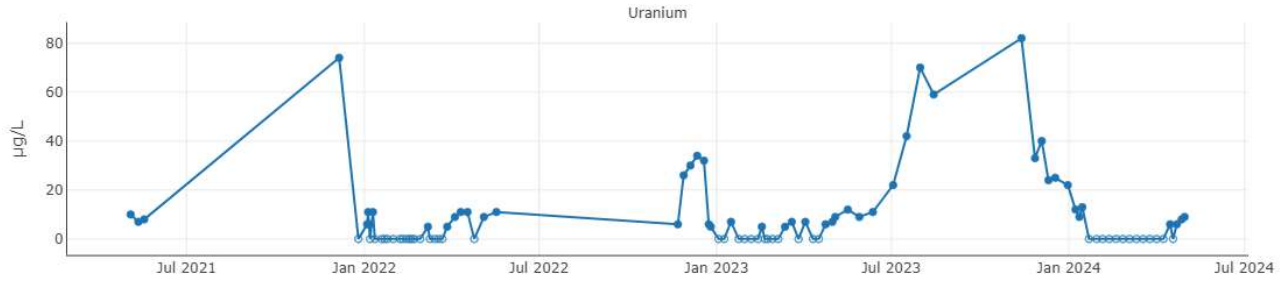

Sodium
mg/L
20
15
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

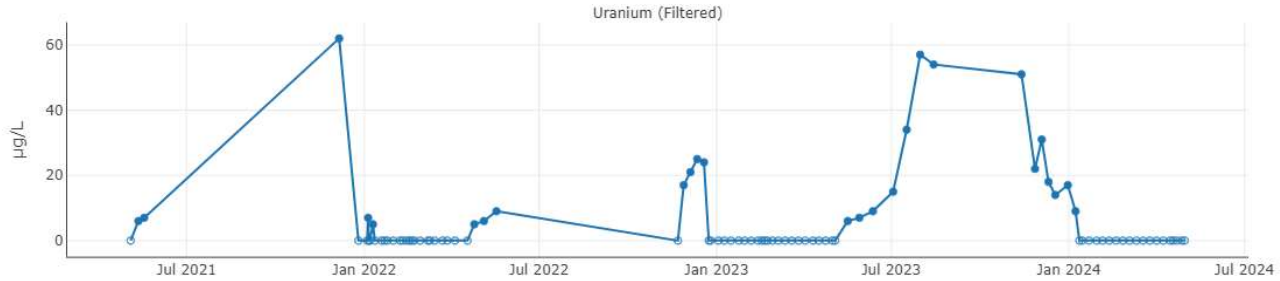

Sulphate
mg/L
2000
1500
1000
500
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Temperature (Field)
°C
250
200
150
100
50
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024

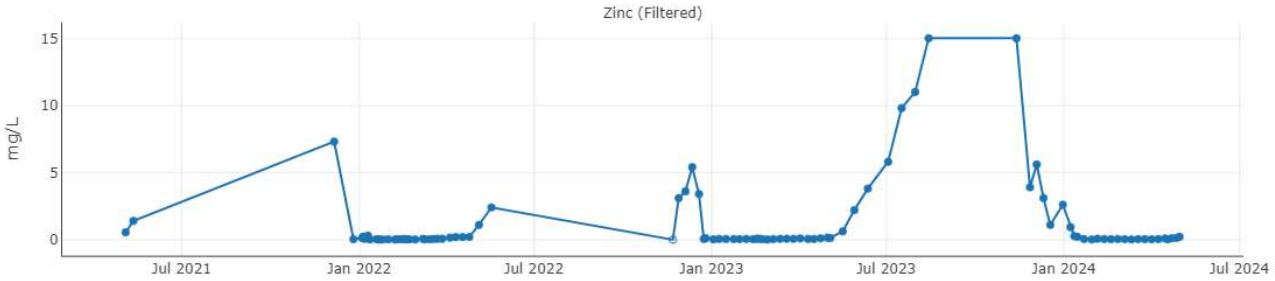

Total Suspended Solids (Lab)
mg/L
200
150
100
50
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Turbidity (Lab)
NTU
250
200
150
100
50
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Uranium
µg/L
80
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Uranium (Filtered)
µg/L
60
40
20
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024


Zinc
mg/L
15
10
5
0
Jul 2021
Jan 2022
Jul 2022
Jan 2023
Jul 2023
Jan 2024
Jul 2024



The report was generated based on the following filter:

Sampled Date between "01 May 2021" and "30 Apr 2024",

Locations In "GS200"

Non-detects are indicated by a hollow marker

Publication Date: 15 May 2024

APPENDIX E– QAQC CALCULATIONS AND RESULTS FOR 1 MAY 2023 – 30 APRIL 2024

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1008961	2023-07-21	Inorganics	Chloride	<	1	mg/L	LTM-INO-4090 Chloride by Discrete Analyser	MB_7_1008961
1008961	2023-07-24	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1008961
1008961	2023-07-24	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1008961
1008961	2023-07-24	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1008961
1008961	2023-07-24	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1008961
1008961	2023-07-24	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1008961
1008961	2023-07-24	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1008961
1008961	2023-07-24	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1008961
1008961	2023-07-24	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1008961
1008961	2023-07-24	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1008961
1008961	2023-07-24	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1008961
1008961	2023-07-24	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1008961
1008961	2023-07-24	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1008961
1008961	2023-07-24	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1008961
1008961	2023-07-24	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1008961
1008961	2023-07-24	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1008961
1008961	2023-07-25	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_2_1008961
1008961	2023-07-25	Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_2_1008961
1008961	2023-07-25	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_2_1008961
1008961	2023-07-25	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_2_1008961
1008961	2023-07-25	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB_4_1008961
1008961	2023-07-25	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_5_1008961
1008961	2023-07-25	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1008961
1008961	2023-07-25	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1008961
1008961	2023-07-25	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1008961
1008961	2023-07-25	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1008961
1008961	2023-07-25	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1008961
1008961	2023-07-25	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1008961
1008961	2023-07-25	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1008961
1008961	2023-07-25	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1008961
1008961	2023-07-25	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1008961
1008961	2023-07-25	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1008961
1008961	2023-07-25	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1008961
1013136	2023-08-09	Inorganics	Chloride	<	1	mg/L	LTM-INO-4090 Chloride by Discrete Analyser	MB_7_1013136
1013136	2023-08-09	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1013136
1013136	2023-08-09	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1013136
1013136	2023-08-09	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1013136
1013136	2023-08-09	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1013136
1013136	2023-08-09	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1013136
1013136	2023-08-09	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1013136
1013136	2023-08-09	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1013136
1013136	2023-08-09	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1013136
1013136	2023-08-09	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1013136
1013136	2023-08-09	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1013136
1013136	2023-08-09	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1013136
1013136	2023-08-14	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1013136
1013136	2023-08-14	Inorganics	Alkalinity (Carbonate as CaCO3)	<	10	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1013136
1013136	2023-08-14	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1013136
1013136	2023-08-14	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1013136
1013136	2023-08-16	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1013136
1013136	2023-08-16	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB_4_1013136
1013136	2023-08-16	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_5_1013136
1013136	2023-08-16	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1013136
1013136	2023-08-16	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1013136
1013136	2023-08-16	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1013136
1013136	2023-08-16	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1013136
1013136	2023-08-16	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1013136
1013136	2023-08-16	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1013136
1013136	2023-08-16	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1013136
1013136	2023-08-16	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1013136
1013136	2023-08-16	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1013136
1013136	2023-08-16	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1013136
1013136	2023-08-16	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1013136
1013136	2023-08-16	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1013136
1013136	2023-08-16	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1013136
1013136	2023-08-16	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1013136
1027499	2023-09-26	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1027499
1027499	2023-09-26	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_3_1027499
1027499	2023-09-26	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1027499
1027499	2023-09-26	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1027499
1027499	2023-09-26	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1027499
1027499	2023-09-26	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1027499
1027499	2023-09-26	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1027499
1027499	2023-09-26	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1027499
1027499	2023-09-26	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1027499
1027499	2023-09-26	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1027499
1027499	2023-09-26	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1027499
1027499	2023-09-26	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1027499
1027499	2023-09-26	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1027499
1027499	2023-09-26	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1027499
1027499	2023-09-26	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1027499
1027499	2023-09-26	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1027499
1027499	2023-09-26	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1027499
1027499	2023-09-26	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1027499
1027499	2023-09-26	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1027499
1027499	2023-09-26	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1027499
1027499	2023-09-26	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1027499
1027499	2023-09-26	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1027499
1027499	2023-09-26	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1027499
1027499	2023-09-26	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1027499
1027499	2023-09-26	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1027499
1027499	2023-09-26	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1027499
1027499	2023-09-26	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1027499
1027499	2023-10-03	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_2_1027499
1027499	2023-10-03	Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_2_1027499
1027499	2023-10-03	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_2_1027499
1027499	2023-10-03	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_2_1027499
1027499	2023-10-03	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_4_1027499
1027499	2023-10-03	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_5_1027499
1041849	2023-11-10	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_5_1041849

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1041849	2023-11-14	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1041849
1041849	2023-11-14	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1041849
1041849	2023-11-14	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1041849
1041849	2023-11-14	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1041849
1041849	2023-11-14	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1041849
1041849	2023-11-14	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1041849
1041849	2023-11-14	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1041849
1041849	2023-11-14	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1041849
1041849	2023-11-14	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1041849
1041849	2023-11-14	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1041849
1041849	2023-11-14	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1041849
1041849	2023-11-21	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_2_1041849
1041849	2023-11-21	Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_2_1041849
1041849	2023-11-21	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_2_1041849
1041849	2023-11-21	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_2_1041849
1041849	2023-11-21	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_4_1041849
1041849	2023-11-21	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1041849
1041849	2023-11-21	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_3_1041849
1041849	2023-11-21	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_6_1041849
1041849	2023-11-21	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1041849
1041849	2023-11-21	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1041849
1041849	2023-11-21	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1041849
1041849	2023-11-21	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1041849
1041849	2023-11-21	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1041849
1041849	2023-11-21	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1041849
1041849	2023-11-21	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1041849
1041849	2023-11-21	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1041849
1041849	2023-11-21	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1041849
1041849	2023-11-21	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1041849
1041849	2023-11-21	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1041849
1041849	2023-11-21	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1041849
1041849	2023-11-21	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1041849
1041849	2023-11-21	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1041849
1044000	2023-11-17	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1044000
1044000	2023-11-17	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1044000
1044000	2023-11-17	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1044000
1044000	2023-11-17	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1044000
1044000	2023-11-17	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1044000
1044000	2023-11-17	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1044000
1044000	2023-11-17	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1044000
1044000	2023-11-17	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1044000
1044000	2023-11-17	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1044000
1044000	2023-11-17	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1044000
1044000	2023-11-17	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1044000
1044000	2023-11-20	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_8_1044000
1044000	2023-11-21	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_3_1044000
1044000	2023-11-22	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1044000
1044000	2023-11-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1044000
1044000	2023-11-22	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1044000
1044000	2023-11-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1044000
1044000	2023-11-22	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1044000
1044000	2023-11-22	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1044000
1044000	2023-11-22	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1044000
1044000	2023-11-22	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1044000
1044000	2023-11-22	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1044000
1044000	2023-11-22	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1044000
1044000	2023-11-22	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1044000
1044000	2023-11-23	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1044000
1044000	2023-11-23	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1044000
1044000	2023-11-23	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1044000
1044000	2023-11-23	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1044000
1044000	2023-12-14	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1044000
1044000	2023-12-14	Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1044000
1044000	2023-12-14	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1044000
1044000	2023-12-14	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1044000
1044000	2023-12-14	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1044000
1044000	2023-12-14	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_4_1044000
1046108	2023-11-27	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1046108
1046108	2023-11-27	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1046108
1046108	2023-11-27	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1046108
1046108	2023-11-27	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1046108
1046108	2023-11-27	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1046108
1046108	2023-11-27	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1046108
1046108	2023-11-27	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1046108
1046108	2023-11-27	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1046108
1046108	2023-11-27	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1046108
1046108	2023-11-27	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1046108
1046108	2023-11-27	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1046108
1046108	2023-11-28	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1046108
1046108	2023-11-28	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_2_1046108
1046108	2023-11-28	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1046108
1046108	2023-11-28	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1046108
1046108	2023-11-28	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1046108
1046108	2023-12-12	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_3_1046108
1046108	2023-12-12	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_4_1046108
1046108	2023-12-12	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_5_1046108
1046108	2023-12-12	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1046108
1046108	2023-12-12	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1046108
1046108	2023-12-12	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1046108
1046108	2023-12-12	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1046108
1046108	2023-12-12	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1046108
1046108	2023-12-12	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1046108
1046108	2023-12-12	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1046108
1046108	2023-12-12	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1046108
1046108	2023-12-12	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1046108
1046108	2023-12-12	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1046108
1046108	2023-12-12	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1046108
1052977		Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1052977
1052977		Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1052977
1052977		Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1052977

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1052977		Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1052977
1052977		Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1052977
1052977		Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1052977
1052977		Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1052977
1052977		Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1052977
1052977		Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1052977
1052977		Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1052977
1052977		Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1052977
1052977	2023-12-14	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_7_1052977
1052977	2023-12-18	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1052977
1052977	2023-12-18	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_5_1052977
1052977	2023-12-18	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1052977
1052977	2023-12-18	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1052977
1052977	2023-12-18	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1052977
1052977	2023-12-21	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1052977
1052977	2023-12-21	Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1052977
1052977	2023-12-21	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1052977
1052977	2023-12-21	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1052977
1052977	2023-12-21	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_3_1052977
1052977	2023-12-21	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_4_1052977
1052977	2023-12-21	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1052977
1052977	2023-12-21	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1052977
1052977	2023-12-21	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1052977
1052977	2023-12-21	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1052977
1052977	2023-12-21	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1052977
1052977	2023-12-21	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1052977
1052977	2023-12-21	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1052977
1052977	2023-12-21	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1052977
1052977	2023-12-21	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1052977
1052977	2023-12-21	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1052977
1052977	2023-12-21	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1052977
1057260	2024-01-05	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_5_1057260
1057260	2024-01-07	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1057260
1057260	2024-01-07	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_2_1057260
1057260	2024-01-07	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057260
1057260	2024-01-07	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057260
1057260	2024-01-07	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1057260
1057260	2024-01-07	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057260
1057260	2024-01-07	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057260
1057260	2024-01-07	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057260
1057260	2024-01-07	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057260
1057260	2024-01-07	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057260
1057260	2024-01-07	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1057260
1057260	2024-01-07	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057260
1057260	2024-01-07	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057260
1057260	2024-01-07	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1057260
1057260	2024-01-07	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057260
1057260	2024-01-07	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057260
1057260	2024-01-08	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1057260
1057260	2024-01-08	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1057260
1057260	2024-01-08	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1057260
1057260	2024-01-08	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1057260
1057260	2024-01-08	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1057260
1057260	2024-01-08	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1057260
1057260	2024-01-08	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1057260
1057260	2024-01-08	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1057260
1057260	2024-01-08	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1057260
1057260	2024-01-08	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1057260
1057260	2024-01-08	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1057260
1057260	2024-01-10	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1057260
1057260	2024-01-10	Inorganics	Alkalinity (Carbonate as CaCO3)	<	10	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1057260
1057260	2024-01-10	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1057260
1057260	2024-01-10	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1057260
1057260	2024-01-10	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_3_1057260
1057260	2024-01-10	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_4_1057260
1057263	2024-01-05	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1057263
1057263	2024-01-05	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_4_1057263
1057263	2024-01-05	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_7_1057263
1057263	2024-01-05	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1057263
1057263	2024-01-05	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1057263
1057263	2024-01-05	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1057263
1057263	2024-01-07	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1057263
1057263	2024-01-07	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1057263
1057263	2024-01-07	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1057263
1057263	2024-01-07	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1057263
1057263	2024-01-07	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1057263
1057263	2024-01-07	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1057263
1057263	2024-01-07	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1057263
1057263	2024-01-07	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1057263
1057263	2024-01-07	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1057263
1057263	2024-01-07	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1057263
1057263	2024-01-07	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1057263
1057263	2024-01-08	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057263
1057263	2024-01-08	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057263
1057263	2024-01-08	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057263
1057263	2024-01-08	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057263
1057263	2024-01-08	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057263
1057263	2024-01-08	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057263
1057263	2024-01-08	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057263
1057263	2024-01-08	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057263
1057263	2024-01-08	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057263
1057263	2024-01-08	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057263
1057263	2024-01-08	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1057263
1057263	2024-01-10	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1057263
1057263	2024-01-10	Inorganics	Alkalinity (Carbonate as CaCO3)	<	10	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1057263
1057263	2024-01-10	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1057263
1057263	2024-01-10	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1057263
1057263	2024-01-10	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1057263
1057263	2024-01-10	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_3_1057263
1057939	2024-01-22	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1057939

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1057939	2024-01-22	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_5_1057939
1057939	2024-01-22	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_7_1057939
1057939	2024-01-22	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1057939
1057939	2024-01-22	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1057939
1057939	2024-01-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1057939
1057939	2024-01-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1057939
1057939	2024-01-22	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_8_1057939
1057939	2024-01-22	Metals	Chromium (III+VI)		0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1057939
1057939	2024-01-22	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1057939
1057939	2024-01-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1057939
1057939	2024-01-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1057939
1057939	2024-01-22	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1057939
1057939	2024-01-22	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1057939
1057939	2024-01-22	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1057939
1057939	2024-01-22	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1057939
1057939	2024-01-22	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1057939
1057939	2024-01-22	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1057939
1057939	2024-01-22	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_8_1057939
1057939	2024-01-22	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1057939
1057939	2024-01-22	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1057939
1057939	2024-01-22	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1057939
1057939	2024-01-22	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1057939
1057939	2024-01-22	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1057939
1057939	2024-01-22	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1057939
1057939	2024-01-22	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1057939
1057939	2024-01-22	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1057939
1057939	2024-01-22	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1057939
1057939	2024-01-31	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1057939
1057939	2024-01-31	Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1057939
1057939	2024-01-31	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1057939
1057939	2024-01-31	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_6_1057939
1057939	2024-01-31	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_1_1057939
1057939	2024-01-31	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_2_1057939
1059805	2024-01-18	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1059805
1059805	2024-01-18	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1059805
1059805	2024-01-18	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1059805
1059805	2024-01-18	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1059805
1059805	2024-01-18	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1059805
1059805	2024-01-18	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1059805
1059805	2024-01-18	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1059805
1059805	2024-01-18	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1059805
1059805	2024-01-18	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1059805
1059805	2024-01-18	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1059805
1059805	2024-01-18	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1059805
1059805	2024-01-19	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1059805
1059805	2024-01-19	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_7_1059805
1059805	2024-01-19	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059805
1059805	2024-01-19	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059805
1059805	2024-01-19	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059805
1059805	2024-01-19	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059805
1059805	2024-01-19	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059805
1059805	2024-01-19	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059805
1059805	2024-01-19	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059805
1059805	2024-01-19	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059805
1059805	2024-01-19	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059805
1059805	2024-01-19	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059805
1059805	2024-01-19	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059805
1059805	2024-01-22	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_4_1059805
1059805	2024-01-22	Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_4_1059805
1059805	2024-01-22	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_4_1059805
1059805	2024-01-22	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_4_1059805
1059805	2024-01-24	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1059805
1059805	2024-01-24	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_5_1059805
1059805	2024-01-24	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_3_1059805
1059805	2024-01-24	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1059805
1059805	2024-01-24	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1059805
1059805	2024-01-24	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1059805
1059844	2024-01-24	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1059844
1059844	2024-01-24	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_3_1059844
1059844	2024-01-24	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1059844
1059844	2024-01-24	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1059844
1059844	2024-01-24	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1059844
1059844	2024-01-25	Metals	Arsenic	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1059844
1059844	2024-01-25	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1059844
1059844	2024-01-25	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1059844
1059844	2024-01-25	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1059844
1059844	2024-01-25	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1059844
1059844	2024-01-25	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1059844
1059844	2024-01-25	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1059844
1059844	2024-01-25	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1059844
1059844	2024-01-25	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1059844
1059844	2024-01-25	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1059844
1059844	2024-01-30	Metals	Arsenic	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059844
1059844	2024-01-30	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059844
1059844	2024-01-30	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059844
1059844	2024-01-30	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059844
1059844	2024-01-30	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059844
1059844	2024-01-30	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059844
1059844	2024-01-30	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059844
1059844	2024-01-30	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059844
1059844	2024-01-30	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059844
1059844	2024-01-30	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059844
1059844	2024-01-30	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1059844
1059844	2024-01-31	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1059844
1059844	2024-02-02	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_5_1059844
1059844	2024-02-02	Inorganics	Sulphate		7.3	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_5_1059844
1059844	2024-02-05	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1059844
1059844	2024-02-05	Inorganics	Alkalinity (Carbonate as CaCO3)	<	10	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1059844
1059844	2024-02-05	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1059844
1059844	2024-02-05	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1059844

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1059844	2024-02-05	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_2_1059844
1061765	2024-01-25	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_9_1061765
1061765	2024-01-25	Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_9_1061765
1061765	2024-01-25	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_9_1061765
1061765	2024-01-25	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_9_1061765
1061765	2024-01-25	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_8_1061765
1061765	2024-01-25	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_4_1061765
1061765	2024-01-29	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1061765
1061765	2024-01-29	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1061765
1061765	2024-01-29	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1061765
1061765	2024-01-29	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1061765
1061765	2024-01-29	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1061765
1061765	2024-01-29	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1061765
1061765	2024-01-29	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1061765
1061765	2024-01-29	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1061765
1061765	2024-01-29	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1061765
1061765	2024-01-29	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1061765
1061765	2024-01-29	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1061765
1061765	2024-01-29	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1061765
1061765	2024-01-29	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1061765
1061765	2024-01-29	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1061765
1061765	2024-01-29	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1061765
1061765	2024-01-29	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1061765
1061765	2024-01-29	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1061765
1061765	2024-01-29	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1061765
1061765	2024-01-29	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1061765
1061765	2024-01-29	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1061765
1061765	2024-01-29	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1061765
1061765	2024-01-29	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1061765
1061765	2024-01-30	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1061765
1061765	2024-01-30	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_1_1061765
1061765	2024-01-30	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1061765
1061765	2024-01-30	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1061765
1061765	2024-01-31	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1061765
1061765	2024-01-31	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1061765
1063919		Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_3_1063919
1063919		Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_3_1063919
1063919		Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_6_1063919
1063919		Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1063919
1063919		Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_4_1063919
1063919		Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_2_1063919
1063919		Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_5_1063919
1063919		Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1063919
1063919		Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1063919
1063919		Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1063919
1063919	2024-02-06	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1063919
1063919	2024-02-06	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1063919
1063919	2024-02-06	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1063919
1063919	2024-02-06	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1063919
1063919	2024-02-06	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1063919
1063919	2024-02-06	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1063919
1063919	2024-02-06	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1063919
1063919	2024-02-06	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1063919
1063919	2024-02-06	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1063919
1063919	2024-02-06	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1063919
1063919	2024-02-06	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1063919
1063919	2024-02-06	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1063919
1063919	2024-02-06	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1063919
1063919	2024-02-06	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1063919
1063919	2024-02-06	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1063919
1063919	2024-02-06	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1063919
1063919	2024-02-06	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1063919
1063919	2024-02-06	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1063919
1063919	2024-02-06	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1063919
1063919	2024-02-06	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1063919
1063919	2024-02-06	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1063919
1063919	2024-02-06	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1063919
1066575	2024-02-11	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_1066575
1066575	2024-02-11	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_6_1066575
1066575	2024-02-11	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_1066575
1066575	2024-02-11	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_1066575
1066575	2024-02-11	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_1066575
1066575	2024-02-15	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1066575
1066575	2024-02-15	Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1066575
1066575	2024-02-15	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1066575
1066575	2024-02-15	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1066575
1066575	2024-02-15	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1066575
1066575	2024-02-15	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1066575
1066575	2024-02-16	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_3_1066575
1066575	2024-02-16	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1066575
1066575	2024-02-16	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1066575
1066575	2024-02-16	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1066575
1066575	2024-02-16	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1066575
1066575	2024-02-16	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1066575
1066575	2024-02-16	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1066575
1066575	2024-02-16	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1066575
1066575	2024-02-16	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1066575
1066575	2024-02-16	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1066575
1066575	2024-02-16	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1066575
1066575	2024-02-16	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1066575
1066575	2024-02-26	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1066575
1066575	2024-02-26	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1066575
1066575	2024-02-26	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1066575
1066575	2024-02-26	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1066575
1066575	2024-02-26	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1066575
1066575	2024-02-26	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1066575
1066575	2024-02-26	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1066575
1066575	2024-02-26	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1066575
1066575	2024-02-26	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1066575
1066575	2024-02-26	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1066575

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1066575	2024-02-26	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1066575
1069300	2024-02-22	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1069300
1069300	2024-02-22	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_1_1069300
1069300	2024-02-22	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_2_1069300
1069300	2024-02-22	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1069300
1069300	2024-02-22	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1069300
1069300	2024-02-22	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1069300
1069300	2024-02-28	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1069300
1069300	2024-02-28	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1069300
1069300	2024-02-28	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1069300
1069300	2024-02-28	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1069300
1069300	2024-02-28	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1069300
1069300	2024-02-28	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1069300
1069300	2024-02-28	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1069300
1069300	2024-02-28	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1069300
1069300	2024-02-28	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1069300
1069300	2024-02-28	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1069300
1069300	2024-02-28	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1069300
1069300	2024-02-28	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1069300
1069300	2024-02-28	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1069300
1069300	2024-02-28	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1069300
1069300	2024-02-28	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1069300
1069300	2024-02-28	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1069300
1069300	2024-02-28	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1069300
1069300	2024-02-28	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1069300
1069300	2024-02-28	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1069300
1069300	2024-02-28	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1069300
1069300	2024-02-28	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1069300
1069300	2024-02-28	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1069300
1070400		Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1070400
1070400		Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1070400
1070400		Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_7_1070400
1070400		Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_1_1070400
1070400		Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_4_1070400
1070400		Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1070400
1070400		Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1070400
1070400		Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1070400
1070400		Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1070400
1070400		Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1070400
1070400		Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1070400
1070400		Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1070400
1070400		Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1070400
1070400		Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1070400
1070400		Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1070400
1070400		Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1070400
1070400		Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1070400
1070400		Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1070400
1070400		Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1070400
1070400	2024-03-04	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1070400
1070400	2024-03-04	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1070400
1070400	2024-03-04	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1070400
1070400	2024-03-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1070400
1070400	2024-03-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1070400
1070400	2024-03-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1070400
1070400	2024-03-04	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1070400
1070400	2024-03-04	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1070400
1070400	2024-03-04	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1070400
1070400	2024-03-04	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1070400
1070400	2024-03-04	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1070400
1075570	2024-03-08	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_6_1075570
1075570	2024-03-08	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_5_1075570
1075570	2024-03-12	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1075570
1075570	2024-03-12	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1075570
1075570	2024-03-12	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1075570
1075570	2024-03-12	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1075570
1075570	2024-03-12	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1075570
1075570	2024-03-12	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1075570
1075570	2024-03-12	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1075570
1075570	2024-03-12	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1075570
1075570	2024-03-12	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1075570
1075570	2024-03-12	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1075570
1075570	2024-03-12	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1075570
1075570	2024-03-14	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1075570
1075570	2024-03-14	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_1_1075570
1075570	2024-03-14	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1075570
1075570	2024-03-14	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1075570
1075570	2024-03-14	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1075570
1075570	2024-03-14	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1075570
1075570	2024-03-14	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1075570
1075570	2024-03-14	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1075570
1075570	2024-03-14	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1075570
1075570	2024-03-14	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1075570
1075570	2024-03-14	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1075570
1075570	2024-03-14	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1075570
1075570	2024-03-14	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1075570
1075570	2024-03-14	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1075570
1075570	2024-03-14	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1075570
1075570	2024-03-14	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1075570
1075570	2024-03-18	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_2_1075570
1078011	2024-03-15	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_6_1078011
1078011	2024-03-20	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1078011
1078011	2024-03-20	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1078011
1078011	2024-03-20	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_1_1078011
1078011	2024-03-20	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_3_1078011
1078011	2024-03-20	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1078011
1078011	2024-03-20	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1078011
1078011	2024-03-20	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1078011
1078011	2024-03-20	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1078011
1078011	2024-03-20	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1078011
1078011	2024-03-20	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1078011

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1078011	2024-03-20	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1078011
1078011	2024-03-20	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1078011
1078011	2024-03-20	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1078011
1078011	2024-03-20	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1078011
1078011	2024-03-20	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1078011
1078011	2024-03-20	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1078011
1078011	2024-03-20	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1078011
1078011	2024-03-20	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1078011
1078011	2024-03-20	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1078011
1078011	2024-03-20	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1078011
1078011	2024-03-20	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1078011
1078011	2024-03-20	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1078011
1078011	2024-03-20	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1078011
1078011	2024-03-20	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1078011
1078011	2024-03-20	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1078011
1078011	2024-03-20	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1078011
1078011	2024-03-20	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1078011
1078011	2024-03-20	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1078011
1078011	2024-03-20	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1078011
1080164	2024-03-25	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1080164
1080164	2024-03-25	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1080164
1080164	2024-03-25	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1080164
1080164	2024-03-25	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1080164
1080164	2024-03-25	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1080164
1080164	2024-03-25	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1080164
1080164	2024-03-25	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1080164
1080164	2024-03-25	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1080164
1080164	2024-03-25	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1080164
1080164	2024-03-25	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1080164
1080164	2024-03-25	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1080164
1080164	2024-03-25	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1080164
1080164	2024-03-25	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1080164
1080164	2024-03-25	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1080164
1080164	2024-03-25	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1080164
1080164	2024-03-25	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1080164
1080164	2024-03-25	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1080164
1080164	2024-03-25	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1080164
1080164	2024-03-25	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1080164
1080164	2024-03-25	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1080164
1080164	2024-03-25	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1080164
1080164	2024-03-25	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1080164
1080164	2024-03-26	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1080164
1080164	2024-03-26	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1080164
1080164	2024-03-26	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1080164
1080164	2024-03-26	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1080164
1080164	2024-03-26	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1080164
1080164	2024-03-26	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1080164
1080164	2024-03-26	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1080164
1080164	2024-03-26	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1080164
1080164	2024-03-26	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1080164
1080164	2024-03-26	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1080164
1080164	2024-03-26	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1080164
1080164	2024-03-28	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1080164
1080164	2024-03-28	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1080164
1080164	2024-03-28	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_1_1080164
1080164	2024-03-28	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_5_1080164
1080164	2024-03-28	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1080164
1080164	2024-03-28	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1080164
1080164	2024-03-28	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1080164
1080164	2024-03-28	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1080164
1080164	2024-03-28	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1080164
1080164	2024-03-28	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1080164
1080164	2024-04-02	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1080164
1080164	2024-04-02	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_3_1080164
1080164	2024-04-02	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_4_1080164
1082055	2024-04-02	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_13_1082055
1082055	2024-04-02	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_9_1082055
1082055	2024-04-02	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1082055
1082055	2024-04-02	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_4_1082055
1082055	2024-04-02	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_7_1082055
1082055	2024-04-04	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_12_1082055
1082055	2024-04-04	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_12_1082055
1082055	2024-04-04	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_11_1082055
1082055	2024-04-04	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1082055
1082055	2024-04-04	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1082055
1082055	2024-04-04	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_11_1082055
1082055	2024-04-04	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1082055
1082055	2024-04-04	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1082055
1082055	2024-04-04	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_12_1082055
1082055	2024-04-04	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_11_1082055
1082055	2024-04-04	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1082055
1082055	2024-04-04	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1082055
1082055	2024-04-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_11_1082055
1082055	2024-04-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1082055
1082055	2024-04-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1082055
1082055	2024-04-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_11_1082055
1082055	2024-04-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1082055
1082055	2024-04-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1082055
1082055	2024-04-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_11_1082055
1082055	2024-04-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1082055
1082055	2024-04-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1082055
1082055	2024-04-04	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_11_1082055
1082055	2024-04-04	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1082055
1082055	2024-04-04	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1082055
1082055	2024-04-04	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_12_1082055
1082055	2024-04-04	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_11_1082055
1082055	2024-04-04	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1082055
1082055	2024-04-04	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_11_1082055
1082055	2024-04-04	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1082055
1082055	2024-04-04	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1082055

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1082055	2024-04-04	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_12_1082055
1082055	2024-04-04	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_11_1082055
1082055	2024-04-04	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1082055
1082055	2024-04-04	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1082055
1082055	2024-04-04	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_11_1082055
1082055	2024-04-04	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1082055
1082055	2024-04-04	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1082055
1082055	2024-04-05	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1082055
1082055	2024-04-05	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1082055
1082055	2024-04-05	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1082055
1082055	2024-04-05	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1082055
1082055	2024-04-05	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1082055
1082055	2024-04-05	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1082055
1082055	2024-04-05	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1082055
1082055	2024-04-05	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1082055
1082055	2024-04-05	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1082055
1082055	2024-04-05	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1082055
1082055	2024-04-05	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1082055
1082055	2024-04-05	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1082055
1082055	2024-04-05	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1082055
1082055	2024-04-05	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1082055
1082055	2024-04-05	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1082055
1082055	2024-04-05	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1082055
1082055	2024-04-05	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1082055
1082055	2024-04-05	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1082055
1082055	2024-04-05	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1082055
1082055	2024-04-05	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1082055
1082055	2024-04-05	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1082055
1082055	2024-04-09	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1082055
1082055	2024-04-09	Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1082055
1082055	2024-04-09	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1082055
1082055	2024-04-09	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_1082055
1082055	2024-04-09	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_3_1082055
1085916	2024-04-11	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1085916
1085916	2024-04-11	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_3_1085916
1085916	2024-04-11	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_10_1085916
1085916	2024-04-11	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_11_1085916
1085916	2024-04-11	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_14_1085916
1085916	2024-04-11	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_8_1085916
1085916	2024-04-12	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1085916
1085916	2024-04-12	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1085916
1085916	2024-04-12	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_12_1085916
1085916	2024-04-12	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1085916
1085916	2024-04-12	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1085916
1085916	2024-04-12	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1085916
1085916	2024-04-12	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_12_1085916
1085916	2024-04-12	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1085916
1085916	2024-04-12	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1085916
1085916	2024-04-12	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1085916
1085916	2024-04-12	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_12_1085916
1085916	2024-04-12	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1085916
1085916	2024-04-12	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1085916
1085916	2024-04-12	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1085916
1085916	2024-04-12	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_12_1085916
1085916	2024-04-12	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1085916
1085916	2024-04-12	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1085916
1085916	2024-04-12	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1085916
1085916	2024-04-12	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_12_1085916
1085916	2024-04-12	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1085916
1085916	2024-04-12	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1085916
1085916	2024-04-12	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1085916
1085916	2024-04-12	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_12_1085916
1085916	2024-04-12	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1085916
1085916	2024-04-12	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1085916
1085916	2024-04-12	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1085916
1085916	2024-04-12	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_12_1085916
1085916	2024-04-12	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1085916
1085916	2024-04-12	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1085916
1085916	2024-04-12	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1085916
1085916	2024-04-12	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_12_1085916
1085916	2024-04-12	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1085916
1085916	2024-04-12	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1085916
1085916	2024-04-12	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1085916
1085916	2024-04-12	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_12_1085916
1085916	2024-04-12	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1085916
1085916	2024-04-12	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1085916
1085916	2024-04-12	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1085916
1085916	2024-04-12	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_12_1085916
1085916	2024-04-12	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1085916
1085916	2024-04-12	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1085916
1085916	2024-04-12	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1085916
1085916	2024-04-12	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_12_1085916
1085916	2024-04-12	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1085916
1085916	2024-04-18	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_1085916
1085916	2024-04-18	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1085916
1085916	2024-04-18	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_9_1085916
1085916	2024-04-18	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_6_1085916
1085916	2024-04-18	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_7_1085916
1085916	2024-04-18	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_9_1085916
1085916	2024-04-18	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_1085916
1085916	2024-04-18	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1085916
1085916	2024-04-18	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_9_1085916
1085916	2024-04-18	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_1085916
1085916	2024-04-18	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1085916
1085916	2024-04-18	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_9_1085916
1085916	2024-04-18	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_1085916
1085916	2024-04-18	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_7_1085916
1085916	2024-04-18	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_9_1085916
1085916	2024-04-26	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_1_1085916
1087883	2024-04-22	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1087883

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1087883	2024-04-22	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1087883
1087883	2024-04-22	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1087883
1087883	2024-04-22	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1087883
1087883	2024-04-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1087883
1087883	2024-04-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1087883
1087883	2024-04-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1087883
1087883	2024-04-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1087883
1087883	2024-04-22	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1087883
1087883	2024-04-22	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1087883
1087883	2024-04-22	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1087883
1087883	2024-04-22	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1087883
1087883	2024-04-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1087883
1087883	2024-04-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1087883
1087883	2024-04-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1087883
1087883	2024-04-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1087883
1087883	2024-04-22	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1087883
1087883	2024-04-22	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1087883
1087883	2024-04-22	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1087883
1087883	2024-04-22	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1087883
1087883	2024-04-22	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1087883
1087883	2024-04-22	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1087883
1087883	2024-04-22	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1087883
1087883	2024-04-22	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1087883
1087883	2024-04-22	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1087883
1087883	2024-04-22	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1087883
1087883	2024-04-22	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1087883
1087883	2024-04-22	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1087883
1087883	2024-04-22	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1087883
1087883	2024-04-22	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1087883
1087883	2024-04-22	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1087883
1087883	2024-04-22	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1087883
1087883	2024-04-22	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1087883
1087883	2024-04-22	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1087883
1087883	2024-04-22	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1087883
1087883	2024-04-22	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1087883
1087883	2024-04-22	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1087883
1087883	2024-04-22	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1087883
1087883	2024-04-22	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1087883
1087883	2024-04-22	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1087883
1087883	2024-04-22	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1087883
1087883	2024-04-22	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1087883
1087883	2024-04-22	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1087883
1087883	2024-04-22	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1087883
1087883	2024-04-26	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1087883
1087883	2024-04-26	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1087883
1087883	2024-04-26	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_3_1087883
1087883	2024-04-26	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_1_1087883
1087883	2024-04-26	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_4_1087883
1087883	2024-04-26	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1087883
1087883	2024-04-26	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1087883
1087883	2024-04-26	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1087883
1089982	2024-04-29	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_5_1089982
1089982	2024-04-29	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1089982
1089982	2024-04-29	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_11_1089982
1089982	2024-04-29	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_1089982
1089982	2024-04-29	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_5_1089982
1089982	2024-04-29	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_1_1089982
1089982	2024-04-29	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_11_1089982
1089982	2024-04-29	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_6_1089982
1089982	2024-04-29	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1089982
1089982	2024-04-29	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089982
1089982	2024-04-29	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1089982
1089982	2024-04-29	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1089982
1089982	2024-04-29	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089982
1089982	2024-04-29	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1089982
1089982	2024-04-29	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089982
1089982	2024-04-29	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1089982
1089982	2024-04-29	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1089982
1089982	2024-04-29	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089982
1089982	2024-04-29	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1089982
1089982	2024-04-29	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_11_1089982
1089982	2024-04-29	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_1089982
1089982	2024-04-29	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1089982
1089982	2024-04-29	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089982
1089982	2024-04-29	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1089982
1089982	2024-04-29	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1089982
1089982	2024-04-29	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089982
1089982	2024-04-29	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1089982
1089982	2024-04-29	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089982
1089982	2024-04-29	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1089982
1089982	2024-04-29	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1089982
1089982	2024-04-29	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089982
1089982	2024-04-29	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1089982
1089982	2024-04-29	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089982
1089982	2024-04-29	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1089982
1089982	2024-04-29	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1089982
1089982	2024-04-29	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089982
1089982	2024-04-29	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1089982
1089982	2024-04-29	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089982
1089982	2024-04-29	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1089982
1089982	2024-04-29	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1089982
1089982	2024-04-29	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089982
1089982	2024-04-29	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1089982
1089982	2024-04-29	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089982
1089982	2024-04-29	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1089982
1089982	2024-04-29	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1089982
1089982	2024-04-29	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089982
1089982	2024-04-29	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1089982
1089982	2024-04-29	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_11_1089982
1089982	2024-04-29	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_1089982

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1089982	2024-04-29	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1089982
1089982	2024-04-29	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089982
1089982	2024-04-29	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1089982
1089982	2024-04-29	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1089982
1089982	2024-04-29	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089982
1089982	2024-04-29	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1089982
1089982	2024-04-29	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089982
1089982	2024-04-29	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1089982
1089982	2024-04-29	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1089982
1089982	2024-04-29	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089982
1089982	2024-04-29	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1089982
1089982	2024-04-29	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_11_1089982
1089982	2024-04-29	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_1089982
1089982	2024-04-29	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1089982
1089982	2024-04-29	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089982
1089982	2024-04-29	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1089982
1089982	2024-04-29	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1089982
1089982	2024-04-29	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089982
1089982	2024-04-29	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_10_1089982
1089982	2024-04-29	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089982
1089982	2024-04-29	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1089982
1089982	2024-04-29	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1089982
1089982	2024-04-29	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089982
1089982	2024-05-01	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_9_1089982
1089982	2024-05-13	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_2_1089982
1089986	2024-04-26	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1089986
1089986	2024-04-26	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089986
1089986	2024-04-26	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1089986
1089986	2024-04-26	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1089986
1089986	2024-04-26	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089986
1089986	2024-04-26	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1089986
1089986	2024-04-26	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1089986
1089986	2024-04-26	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089986
1089986	2024-04-26	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1089986
1089986	2024-04-26	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1089986
1089986	2024-04-26	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089986
1089986	2024-04-26	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1089986
1089986	2024-04-26	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1089986
1089986	2024-04-26	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089986
1089986	2024-04-26	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1089986
1089986	2024-04-26	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1089986
1089986	2024-04-26	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089986
1089986	2024-04-26	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1089986
1089986	2024-04-26	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1089986
1089986	2024-04-26	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089986
1089986	2024-04-26	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1089986
1089986	2024-04-26	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1089986
1089986	2024-04-26	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089986
1089986	2024-04-26	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1089986
1089986	2024-04-26	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1089986
1089986	2024-04-26	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089986
1089986	2024-04-26	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1089986
1089986	2024-04-26	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1089986
1089986	2024-04-26	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089986
1089986	2024-04-26	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1089986
1089986	2024-04-26	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_13_1089986
1089986	2024-04-26	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1089986
1089986	2024-04-26	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1089986
1089986	2024-04-29	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_14_1089986
1089986	2024-04-29	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089986
1089986	2024-04-29	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_14_1089986
1089986	2024-04-29	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089986
1089986	2024-04-29	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_14_1089986
1089986	2024-04-29	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089986
1089986	2024-04-29	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_14_1089986
1089986	2024-04-29	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089986
1089986	2024-04-29	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_14_1089986
1089986	2024-04-29	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089986
1089986	2024-04-29	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_14_1089986
1089986	2024-04-29	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089986
1089986	2024-04-29	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_14_1089986
1089986	2024-04-29	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089986
1089986	2024-04-29	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_14_1089986
1089986	2024-04-29	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089986
1089986	2024-04-29	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_14_1089986
1089986	2024-04-29	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089986
1089986	2024-04-29	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_14_1089986
1089986	2024-04-29	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089986
1089986	2024-04-29	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_14_1089986
1089986	2024-04-29	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1089986
1089986	2024-05-01	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_10_1089986
1089986	2024-05-01	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_2_1089986
1089986	2024-05-02	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_11_1089986
1089986	2024-05-02	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_12_1089986
1089986	2024-05-02	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_15_1089986
1089986	2024-05-02	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1089986
1089986	2024-05-02	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_8_1089986
1089986	2024-05-02	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_9_1089986
1089986	2024-05-02	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_11_1089986
1089986	2024-05-02	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_12_1089986
1089986	2024-05-02	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_15_1089986
1089986	2024-05-02	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_5_1089986
1089986	2024-05-02	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_8_1089986
1089986	2024-05-02	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_9_1089986
1089986	2024-05-02	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_11_1089986
1089986	2024-05-02	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_12_1089986
1089986	2024-05-02	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_15_1089986
1089986	2024-05-02	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1089986
1089986	2024-05-02	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_8_1089986
1089986	2024-05-02	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_9_1089986

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1089986	2024-05-02	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_11_1089986
1089986	2024-05-02	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_12_1089986
1089986	2024-05-02	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_15_1089986
1089986	2024-05-02	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1089986
1089986	2024-05-02	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_8_1089986
1089986	2024-05-02	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_9_1089986
1089986	2024-05-02	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_11_1089986
1089986	2024-05-02	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_12_1089986
1089986	2024-05-02	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_5_1089986
1089986	2024-05-02	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_8_1089986
1089986	2024-05-02	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_9_1089986
1089986	2024-05-13	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_1_1089986
1089986	2024-05-13	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_3_1089986
1092111	2024-05-02	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_5_1092111
1092111	2024-05-03	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1092111
1092111	2024-05-03	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_9_1092111
1092111	2024-05-03	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_2_1092111
1092111	2024-05-03	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_9_1092111
1092111	2024-05-03	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_4_1092111
1092111	2024-05-03	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1092111
1092111	2024-05-03	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_9_1092111
1092111	2024-05-03	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1092111
1092111	2024-05-03	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_9_1092111
1092111	2024-05-03	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1092111
1092111	2024-05-03	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_9_1092111
1092111	2024-05-06	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_8_1092111
1092111	2024-05-06	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1092111
1092111	2024-05-06	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1092111
1092111	2024-05-06	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092111
1092111	2024-05-06	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1092111
1092111	2024-05-06	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1092111
1092111	2024-05-06	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092111
1092111	2024-05-06	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1092111
1092111	2024-05-06	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1092111
1092111	2024-05-06	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092111
1092111	2024-05-06	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1092111
1092111	2024-05-06	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1092111
1092111	2024-05-06	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092111
1092111	2024-05-06	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1092111
1092111	2024-05-06	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1092111
1092111	2024-05-06	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092111
1092111	2024-05-06	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1092111
1092111	2024-05-06	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1092111
1092111	2024-05-06	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092111
1092111	2024-05-06	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1092111
1092111	2024-05-06	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1092111
1092111	2024-05-06	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092111
1092111	2024-05-06	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1092111
1092111	2024-05-06	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1092111
1092111	2024-05-06	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092111
1092111	2024-05-06	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1092111
1092111	2024-05-06	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1092111
1092111	2024-05-06	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092111
1092111	2024-05-06	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1092111
1092111	2024-05-06	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1092111
1092111	2024-05-06	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092111
1092111	2024-05-06	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1092111
1092111	2024-05-06	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1092111
1092111	2024-05-06	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092111
1092111	2024-05-13	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_3_1092111
1092154	2024-05-02	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_4_1092154
1092154	2024-05-02	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_9_1092154
1092154	2024-05-02	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_7_1092154
1092154	2024-05-03	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1092154
1092154	2024-05-03	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1092154
1092154	2024-05-03	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_1_1092154
1092154	2024-05-03	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_3_1092154
1092154	2024-05-03	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1092154
1092154	2024-05-03	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1092154
1092154	2024-05-03	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1092154
1092154	2024-05-03	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1092154
1092154	2024-05-03	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_1092154
1092154	2024-05-03	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1092154
1092154	2024-05-06	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092154
1092154	2024-05-06	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1092154
1092154	2024-05-06	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1092154
1092154	2024-05-06	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092154
1092154	2024-05-06	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1092154
1092154	2024-05-06	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1092154
1092154	2024-05-06	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092154
1092154	2024-05-06	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1092154
1092154	2024-05-06	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1092154
1092154	2024-05-06	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092154
1092154	2024-05-06	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1092154
1092154	2024-05-06	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1092154
1092154	2024-05-06	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092154
1092154	2024-05-06	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1092154
1092154	2024-05-06	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1092154
1092154	2024-05-06	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092154
1092154	2024-05-06	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1092154
1092154	2024-05-06	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1092154
1092154	2024-05-06	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092154
1092154	2024-05-06	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1092154
1092154	2024-05-06	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1092154
1092154	2024-05-06	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092154
1092154	2024-05-06	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1092154
1092154	2024-05-06	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1092154
1092154	2024-05-06	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092154
1092154	2024-05-06	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1092154
1092154	2024-05-06	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1092154

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1092154	2024-05-06	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092154
1092154	2024-05-06	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1092154
1092154	2024-05-06	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1092154
1092154	2024-05-06	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1092154
1092154	2024-05-06	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1092154
1092154	2024-05-06	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1092154
1092154	2024-05-13	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_2_1092154
983832	2023-05-01	Inorganics	Chloride	<	1	mg/L	LTM-INO-4090 Chloride by Discrete Analyser	MB_5_983832
983832	2023-05-01	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB_5_983832
983832	2023-05-02	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_983832
983832	2023-05-02	Inorganics	Alkalinity (Carbonate as CaCO3)	<	10	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_983832
983832	2023-05-02	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_983832
983832	2023-05-02	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_983832
983832	2023-05-02	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_983832
983832	2023-05-02	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_3_983832
983832	2023-05-02	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_983832
983832	2023-05-02	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_983832
983832	2023-05-02	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_983832
983832	2023-05-02	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_983832
983832	2023-05-02	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_983832
983832	2023-05-02	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_983832
983832	2023-05-02	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_983832
983832	2023-05-02	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_983832
983832	2023-05-02	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_983832
983832	2023-05-02	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_983832
983832	2023-05-02	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_983832
983832	2023-05-02	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_983832
983832	2023-05-02	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_983832
983832	2023-05-02	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_983832
983832	2023-05-02	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_983832
983832	2023-05-02	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_983832
983832	2023-05-02	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_983832
983832	2023-05-02	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_983832
983832	2023-05-02	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_983832
983832	2023-05-02	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_983832
983832	2023-05-02	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_983832
983832	2023-05-02	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_983832
983832	2023-05-02	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_983832
983832	2023-05-02	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_983832
983832	2023-05-02	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_983832
986393	2023-05-10	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_986393
986393	2023-05-10	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB_5_986393
986393	2023-05-10	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_2_986393
986393	2023-05-10	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_986393
986393	2023-05-10	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_986393
986393	2023-05-10	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_986393
986393	2023-05-10	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_986393
986393	2023-05-10	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_986393
986393	2023-05-10	Metals	Chromium (III+VI)		0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_986393
986393	2023-05-10	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_986393
986393	2023-05-10	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_986393
986393	2023-05-10	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_986393
986393	2023-05-10	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_986393
986393	2023-05-10	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_986393
986393	2023-05-10	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_986393
986393	2023-05-10	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_986393
986393	2023-05-10	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_986393
986393	2023-05-10	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_986393
986393	2023-05-10	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_986393
986393	2023-05-10	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_986393
986393	2023-05-10	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_986393
986393	2023-05-10	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_986393
986393	2023-05-10	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_986393
986393	2023-05-10	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_1_986393
986393	2023-05-10	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_986393
986393	2023-05-10	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_986393
986393	2023-05-10	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_986393
986393	2023-05-10	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_986393
990452	2023-05-22	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_990452
990452	2023-05-22	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_990452
990452	2023-05-22	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_990452
990452	2023-05-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_990452
990452	2023-05-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_990452
990452	2023-05-22	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_990452
990452	2023-05-22	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_990452
990452	2023-05-22	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_990452
990452	2023-05-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_990452
990452	2023-05-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_990452
990452	2023-05-22	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_990452
990452	2023-05-22	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_990452
990452	2023-05-22	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_990452
990452	2023-05-22	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_990452
990452	2023-05-22	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_990452
990452	2023-05-22	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_990452
990452	2023-05-22	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_990452
990452	2023-05-22	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_990452
990452	2023-05-22	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_990452
990452	2023-05-22	Metals	Nickel		0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_990452
990452	2023-05-22	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_990452
990452	2023-05-22	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_990452
990452	2023-05-22	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_990452
990452	2023-05-22	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_990452
990452	2023-05-22	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_990452
990452	2023-05-22	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_990452
990452	2023-05-25	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_990452
990452	2023-05-25	Inorganics	Alkalinity (Carbonate as CaCO3)	<	10	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_990452
990452	2023-05-25	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_990452
990452	2023-05-25	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_1_990452
990452	2023-05-25	Inorganics	Chloride	<	1	mg/L	LTM-INO-4090 Chloride by Discrete Analyser	MB_2_990452
990452	2023-05-25	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB_2_990452

Laboratory Blanks

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
998664	2023-06-23	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_3_998664
998664	2023-06-23	Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_3_998664
998664	2023-06-23	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_3_998664
998664	2023-06-23	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration	MB_3_998664
998664	2023-06-23	Inorganics	Chloride	<	1	mg/L	LTM-INO-4090 Chloride by Discrete Analyser	MB_5_998664
998664	2023-06-23	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_4_998664
998664	2023-06-23	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB_7_998664
998664	2023-06-23	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_8_998664
998664	2023-06-23	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_998664
998664	2023-06-23	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_998664
998664	2023-06-23	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_998664
998664	2023-06-23	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_998664
998664	2023-06-23	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_4_998664
998664	2023-06-23	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_998664
998664	2023-06-23	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_998664
998664	2023-06-23	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_998664
998664	2023-06-23	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_998664
998664	2023-06-23	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_998664
998664	2023-06-23	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_998664
998664	2023-06-23	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_998664
998664	2023-06-23	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_998664
998664	2023-06-23	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_998664
998664	2023-06-23	Metals	Lead	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_998664
998664	2023-06-23	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_4_998664
998664	2023-06-23	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_998664
998664	2023-06-23	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_998664
998664	2023-06-23	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_998664
998664	2023-06-23	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_998664
998664	2023-06-23	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_6_998664
998664	2023-06-23	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_998664
998664	2023-06-23	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_998664
998664	2023-06-23	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_998664
998664	2023-06-23	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_998664

| | | |

| | | | | Inorganics | | | | | | | | | Metals | | | | | | | | |

APPENDIX F – CHAIN OF CUSTODY DOCUMENTATION FOR 1 MAY 2023 – 30 APRIL 2024

CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt Sydney Lab — Unit F3 Building F, 16 Mars Road, Lane Cove West, NSW 2066 | P: +61 2 9900 8400 | E: EnviroSampleNSW@eurofins.com.au

☐ Eurofins | mgt Brisbane Lab — Unit 1, 21 Smallwood Place, Murarrie, QLD 4172 | P: +61 7 3902 4600 | E: EnviroSampleQLD@eurofins.com.au

☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 | P: +61 3 8564 5000 | E: EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
Contact Name	Greg Molloy					Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone №	Mobile: 0437 690 958					Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* *Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat					Method of Shipment	☑ Courier (#) ☐ Hand Delivered ☐ Postal
Relinquished by (Signature) (Time / Date)	4, 5 /2023						

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	Site 5	4/5/23	W					X	X	X	X	X		1		2	
2	Site 5	4/5/23	W					X	X	X	X	X		1		2	
3	Site 2	4/5/23	W					X	X	X	X	X		1		2	
4	Site 4	4/5/23	W					X	X	X	X	X		1		2	
5	WAND 01	4/5/23	W					X	X	X	X	X		1		2	
6	GS 200	4/5/23	W					X	X	X	X	X		1		2	
7	Site 1	4/5/23	W					X	X	X	X	X		1		2	
8	TREAT 01	4/5/23	W					X	X	X	X	X		1		2	
9																	
10																	
11																	
12																	

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	A. MANJAREZ	04/05/2023	13:59		12°C	986393

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | mgt Standard Terms and Conditions unless agreed otherwise. A copy of Eurofins | mgt Standard Terms and Conditions is available on request.

CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt Sydney Lab — Unit F3 Building F, 16 Mars Road, Lane Cove West, NSW 2066 — P: +61 2 9900 8400 — E: EnviroSampleNSW@eurofins.com.au

☐ Eurofins | mgt Brisbane Lab — Unit 1, 21 Smallwood Place, Murarrie, QLD 4172 — P: +61 7 3902 4600 — E: EnviroSampleQLD@eurofins.com.au

☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P: +61 3 8564 5000 — E: EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
Contact Name	Greg Molloy					Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone №	Mobile: 0437 690 958					Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (30 Days for Radiochem)
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat					Containers	Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal
Relinquished by (Signature)							
(Time / Date)	/ /2023						

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	Site 5	15/5/23	W						X	X	X	X	X		1		2	
2	Site 5	15/5/23	W						X	X	X	X	X		1		2	
3	Site 2	15/5/23	W						X	X	X	X	X		1		2	
4	Site 4	15/5/23	W						X	X	X	X	X		1		2	
5	WAND 01	15/5/23	W						X	X	X	X	X		1		2	
6	GS200	15/5/23	W						X	X	X	X	X		1		2	
7	Site 1	15/5/23	W						X	X	X	X	X		1		2	
8	TREAT01	15/5/23	W						X	X	X	X	X		1		2	
9																		
10																		
11																		
12																		

Laboratory Use Only	Received By		Date	Time	Signature	Temperature		Report №	
			17/8/2023	2:45 pm					

GS0999_XXXX Issue Date XX.XX.2015 Approved by: XXXXXX

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | mgt Standard Terms and Conditions unless agreed otherwise. A copy of Eurofins | mgt Standard Terms and Conditions is available on request.

Logged

CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt Sydney Lab

☐ Eurofins | mgt Brisbane Lab

☐ Eurofins | mgt Melbourne Lab

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)					
(Time / Date)	14/6/2023				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other ( )

Analysis (Please tick the boxes to indicate the analysis required)

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	Site 5	12/6/23	W					X	X	X	X	X			1		2
2	Site 5	12/6/23	W					X	X	X	X	X			1		2
3	Site 2	12/6/23	W					X	X	X	X	X			1		2
4	GS 200	12/6/23	W					X	X	X	X	X			1		2
5	TREAT01	12/6/23	W					X	X	X	X	X			1		2
6								X	X	X	X	X			1		2
7																	
8																	
9																	
10																	
11																	
12																	

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
		14/6/2023	14:20		4.8°C	198664

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | mgt Standard Terms and Conditions unless agreed otherwise. A copy of Eurofins | mgt Standard Terms and Conditions is available on request.

Page 1 of 1

CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt Sydney Lab

☐ Eurofins | mgt Brisbane Lab

☐ Eurofins | mgt Melbourne Lab

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)					
(Time / Date)	/ /2023				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other ( )

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	Site 5	17/7/23	W					X	X	X	X		1		2	
2	Site 5	17/7/23	W					X	X	X	X		1		2	
3	Site 2	17/7/23	W					X	X	X	X		1		2	
4	GS 200	17/7/23	W					X	X	X	X		1		2	
5																
6																
7																
8																
9																
10																
11																
12																

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By		Date	__/__/2023	Time	__:__	Signature		Temperature		Report №	1008916

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Page 1 of 1

Received 4:30pm 18/7/23 24.C

CHAIN OF CUSTODY RECORD

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Eurofins | mgt Melbourne Lab — E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)					
(Time / Date)	/ /2023				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au

Turn Around Requirements: ☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* (* Surcharges apply) ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Containers: 1L Plastic - GREEN Inorganics; 500ml Plastic - GREEN Inorganics; 200mL Plastic - RED Metals; 60mL Plastic - RED Metals

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered".)

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	SITE 5	31/7/23	W					X	X	X	X	X		1		2	
2	SITE 5 [illegible]	31/7/23	W					X	X	X	X	X		1		2	
3	SITE 2	31/7/23	W					X	X	X	X	X		1		2	
4	QS200	31/7/23	W					X	X	X	X	X		1		2	
5	TREAT 01	31/7/23	W					X	X	X	X	X		1		2	
6	BH 22	31/7/23	W	X	X	X	X	X						1		2	
7	BH 24	31/7/23	W	X	X	X	X	X						1		2	
8	BH 24	31/7/23	W	X	X	X	X	X						1		2	
9																	
10																	
11																	
12																	

Laboratory Use Only	Received By	A MANOAKES	Date	01/08/2023	Time	16:53	Signature		Temperature 3-5°C	Report № 10/31364

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CHAIN OF CUSTODY RECORD

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Eurofins | mgt Brisbane Lab — Unit 1, 21 Smallwood Place, Murarrie, QLD 4172 P +61 7 3902 4600 E EnviroSampleQLD@eurofins.com.au

Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 P +61 3 8564 5000 F +61 3 8564 5090 E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature) (Time / Date)	11 / 8 /2023				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* *Surcharges apply ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)		Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Method of Shipment / Sample Comments / DG Hazard Warning
1	Site 5									X	X	X	X	X		1		2	
2	Site 5									X	X	X	X	X		1		2	
3	Site 2									X	X	X	X	X		1		2	
4	CS 200									X	X	X	X	X		1		2	
5	TREAT01									X	X	X	X	X		1		2	
6																			
7	BH 22			X	X	X	X	X								1		2	
8	BH 24			X	X	X	X	X								1		2	
9	BH 24			X	X	X	X	X								1		2	
10																			
11																			
12																			

Containers: ☒ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By		Date	Time	Signature	Temperature	Report №
			14/11/2023	3:55pm		21.5°	

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CHAIN OF CUSTODY RECORD

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Eurofins | mgt Brisbane Lab — Unit 1, 21 Smallwood Place, Murarrie, QLD 4172 — P +61 7 3902 4600 — E EnviroSampleQLD@eurofins.com.au

Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P +61 3 8564 5000 — F +61 3 8564 5090 — E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)					
(Time / Date)	/ /2023				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

| № | Client Sample ID | Date | Matrix | Groundwater | Groundwater: Suite B11E | Groundwater: Suite B11D | Groundwater: Suspended Solids | Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn) | | Surfacewater | Surfacewater: Suite B11E | Surfacewater: Suite B11D | Surfacewater: Suspended Solids | Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn) | | | | |

CHAIN OF CUSTODY RECORD

Eurofins | mgt Sydney Lab — Unit F3 Building F, 16 Mars Road, Lane Cove West, NSW 2066 — P +61 2 9900 8400 — E EnviroSampleNSW@eurofins.com.au

Eurofins | mgt Brisbane Lab — Unit 1, 21 Smallwood Place, Murarrie, QLD 4172 — P +61 7 3902 4600 — E EnviroSampleQLD@eurofins.com.au

Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P +61 3 8564 5000 — F +61 3 8564 5090 — E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
Contact Name	Greg Molloy					Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone №	Mobile: 0437 690 958					Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* *Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat						
Relinquished by (Signature) (Time / Date)	/ /2023						

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	Site 2	11.9.23	W					X	X	X	X	X		1	2		
2	Site 2	11.9.23	W					X	X	X	X	X		1	2		
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	A-MANTOOS	19/08/2023	16:15		6.0	1027499

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | mgt Standard Terms and Conditions unless agreed otherwise. A copy of Eurofins | mgt Standard Terms and Conditions is available on request.

CHAIN OF CUSTODY RECORD

Eurofins | mgt Sydney Lab — Unit F3 Building F, 16 Mars Road, Lane Cove West, NSW 2066 — P +61 2 9900 8400 — E EnviroSampleNSW@eurofins.com.au

Eurofins | mgt Brisbane Lab — Unit 1, 21 Smallwood Place, Murarrie, QLD 4172 — P +61 7 3902 4600 — E EnviroSampleQLD@eurofins.com.au

Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P +61 3 8564 5000 — F +61 3 8564 5090 — E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
Contact Name	Greg Molloy					Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone №	Mobile: 0437 690 958					Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* *Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat						
Relinquished by (Signature) (Time / Date)	/ /2023						

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	RW SRO	25/9/23	W					X	X	X	X	X	1		2	
2	RW PAF	25/9/23	W					X	X	X	X	X	1		2	
3	RW BSS	25/9/23	W					X	X	X	X	X	1		2	
4	Site 2	25/9/23	W					X	X	X	X	X	1		2	
5	Site 2	25/9/23	W					X	X	X	X	X	1		2	
6	TREAT01	25/9/23	W					X	X	X	X	X	1		2	
7																
8																
9																
10																
11																
12																

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	Donna Cuba	27/9/2023	12:23		N/A	#1029642

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | mgt Standard Terms and Conditions unless agreed otherwise. A copy of Eurofins | mgt Standard Terms and Conditions is available on request.

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Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P +61 3 8564 5000 — F +61 3 8564 5090 — E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
Contact Name	Greg Molloy					Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone №	Mobile: 0437 690 958					Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat						
Relinquished by (Signature) (Time / Date)	3/11/2023						

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)		Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)						Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals					Sample Comments / DG Hazard Warning
1	Site 2	23/10/23	W							X	X	X	X	X							1		2					
2	Site 2	23/10/23	W							X	X	X	X	X							1		2					
3	BH 22	30/10/23	W	X	X	X	X	X													1		2					
4	BH 24	30/10/23	W	X	X	X	X	X													1		2					
5	BH 24	30/10/23	W	X	X	X	X	X													1		2					
6	Site 2	30/10/23	W							X	X	X	X	X							1		2					
7	Site 2	30/10/23	W							X	X	X	X	X							1		2					
8	TREAT01	30/10/23	W							X	X	X	X	X							1		2					
9																												
10																												
11																												
12																												

Containers: 1L Plastic - GREEN Inorganics | 500ml Plastic - GREEN Inorganics | 200mL Plastic - RED Metals | 60mL Plastic - RED Metals

Method of Shipment: ☒ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Donna Ceba	Date	6/11/2023	Time	12:48	Signature		Temperature	26.1	Report №	1041440

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CHAIN OF CUSTODY RECORD

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Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P +61 3 8564 5000 — F +61 3 8564 5090 — E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
		Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845				
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature) (Time / Date)	6/11/2023				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)		Surfacewater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)						1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals					Sample Comments / DG Hazard Warning
1	site 2	6/11/23	W							X	X	X	X	X							1		2					
2	site 2	6/11/23	W							X	X	X	X	X							1		2					
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

Containers: 1L Plastic - GREEN Inorganics; 500ml Plastic - GREEN Inorganics; 200mL Plastic - RED Metals; 60mL Plastic - RED Metals

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	Donna-Celba	7/11/2023	1:45		18.3	1041349

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Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature) (Time / Date)	14/11/2023				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)		Surfacewater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)						Containers: 1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals					Sample Comments / DG Hazard Warning
1	Site 5	13/11/23	W							X	X	X	X	X							1		2					
2	Site 5	13/11/23	W							X	X	X	X	X							1		2					
3	Site 2	13/11/23	W							X	X	X	X	X							1		2					
4	GS 200	13/11/23	W							X	X	X	X	X							1		2					
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Donna Cebog	Date	14/11/2023	Time	2:15	Signature		Temperature	11.1	Report №	044000

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Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
		Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845				
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)					
(Time / Date)	/ /2023				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* (*Surcharges apply) ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

| № | Client Sample ID | Date | Matrix | Groundwater | Suite B11E | Suite B11D | Suspended Solids | Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe, Pb, Mn, Ni, U, Zn) | | Surfacewater | Suite B11E | Suite B11D | Suspended Solids | Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe, Pb, Mn, Ni, U, Zn) | | | | |

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Company	NT Resources Pty Ltd	Purchase Order	NTR #02098
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT
Contact Name	Greg Molloy	Project Manager	Greg Molloy
Contact Phone №	Mobile: 0437 690 958	Project №	NT Resources
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat	Project Name	NT Resources
Relinquished by (Signature)		Electronic Results Format	ESDAT
(Time / Date)	/ /2023	Email for Results	Greg.Molloy@NTResources.com.au

Turn Around Requirements: ☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* (* Surcharges apply) ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Method of Shipment: ☒ Courier (#) ☐ Hand Delivered ☐ Postal

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

| | | |

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Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P +61 3 8564 5000 — F +61 3 8564 5090 — E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)					
(Time / Date)	/ /2023				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* (*Surcharges apply) ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)		Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)						Containers: 1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals					Sample Comments / DG Hazard Warning
1	Site 5	11/12/23	W							X	X	X	X	X						1			2					
2	Site 5	11/12/23	W							X	X	X	X	X						1			2					
3	QS 200	11/12/23	W							X	X	X	X	X						1			2					
4	Site 2	11/12/23	W							X	X	X	X	X						1			2					
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Donna Ocba	Date	12/12/2023	Time	12:25	Signature		Temperature -0.8	Report № 1052977

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☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 P : +61 3 8564 5000 F : +61 3 8564 5090 E : EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature) (Time / Date)	3/1/2024				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Analysis (Note: where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	Containers: 500mL Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals	Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal	Sample Comments / DG Hazard Warning
1	SITE 5	18/12/23	W						X	X	X	X	X		1		2		
2	SITE 5 DUPLICATE	18/12/23	W						X	X	X	X	X		1		2		
3	SITE 2	18/12/23	W						X	X	X	X	X		1		2		
4	SITE 4	18/12/23	W						X	X	X	X	X		1		2		
5	WAND01	18/12/23	W						X	X	X	X	X		1		2		
6	GS200	18/12/23	W						X	X	X	X	X		1		2		
7	SITE 1																		
8	TREAT01																		
9	1057260 HC																		
10	4/1/24																		
11																			
12																			

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	Howie - A	4/1/2024	10:50		12.9	

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CHAIN OF CUSTODY RECORD

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☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh VIC 3166 — P : +61 3 8564 5000 — F : +61 3 8564 5090 — E : EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature) (Time / Date)	3/1/2024				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std) ☐ Other (20 Days for Radiochem)

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered".)

№	Client Sample ID	Date	Matrix	Groundwater	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals	Method of Shipment / Sample Comments / DG Hazard Warning
1	SITE 5	31/12/23	W						X	X	X	X	X		1		2	
2	SITE 5 DUPLICATE	31/12/23	W						X	X	X	X	X		1		2	
3	SITE 2	31/12/23	W						X	X	X	X	X		1		2	
4																		
5	WAND01	31/12/23	W						X	X	X	X	X		1		2	
6	GS200	31/12/23	W						X	X	X	X	X		1		2	
7																		
8																		
9	1057263																	
10	HC 4/1/24																	
11																		
12																		

Containers: 1L Plastic - GREEN Inorganics; 500ml Plastic - GREEN Inorganics; 200mL Plastic - RED Metals; 60mL Plastic - RED Metals

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	Howie A	4/1/2024	10:50		12.9	

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CHAIN OF CUSTODY RECORD

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☐ Eurofins | mgt Brisbane Lab — Unit 1, 21 Smallwood Place, Murarrie, QLD 4172 — P +61 7 3902 4600 — E EnviroSampleQLD@eurofins.com.au

☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P +61 3 8564 5000 — F +61 3 8564 5090 — E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
Contact Name	Greg Molloy					Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone №	Mobile: 0437 690 958					Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat					Containers	Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal
Relinquished by (Signature) (Time / Date)	/ /2023						

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe, Pb, Mn, Ni, U, Zn)		Surfacewater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe, Pb, Mn, Ni, U, Zn)					1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	Site 5	8.1.24	W							X	X	X	X	X						1		2	
2	Site 5	8.1.24	W							X	X	X	X	X						1		2	
3	Site 2	8.1.24	W							X	X	X	X	X						1		2	
4	Site 4	8.1.24	W							X	X	X	X	X						1		2	
5	WAND 01	8.1.24	W							X	X	X	X	X						1		2	
6	GS 200	8.1.24	W							X	X	X	X	X						1		2	
7																							
8																							
9																							
10																							
11																							
12																							

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	Donna Cepa	9/1/2024	1:01		14.2	1057939

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NTR Wada Site 9/1/24

(ESKY)

CHAIN OF CUSTODY RECORD

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☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P : +61 3 8564 5000 — F : +61 3 8564 5090 — E : EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature) (Time / Date)	Wuda Sk 16/1/2024				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)
Containers	1L Plastic - GREEN Inorganics; 500ml Plastic - GREEN Inorganics; 200mL Plastic - RED Metals; 60mL Plastic - RED Metals
Method of Shipment	☑ Courier (#) ☐ Hand Delivered ☐ Postal

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

Groundwater

№	Client Sample ID	Date	Matrix	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)
1	GS 200 A	12.1.24	W				
2	Site 5A	12.1.24	W				
3	DAM OUT 1	12.1.24	W				
4	GS 200	12.1.24	W				
5	Site 5	12.1.24	W				
6	Site 5	12.1.24	W				
7	Site 1	12.1.24	W				
8	Site 4	12.1.24	W				
9							
10							
11							
12							

Surfacewater

№	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	X	X	X	X		1		2	
2	X	X	X	X		1		2	
3	X	X	X	X		1		2	
4	X	X	X	X		1		2	
5	X	X	X	X		1		2	
6	X	X	X	X		1		2	
7	X	X	X	X		1		2	
8	X	X	X	X		1		2	
9									
10									
11									
12									

Laboratory Use Only	Received By	Donna Ceba	Date	16/1/2024	Time	1:40	Signature		Temperature	8.9	Report №	1059805

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☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 P +61 3 8564 5000 F +61 3 8564 5090 E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature) (Time / Date)	Wuda Sik 16/1/2024				

Project Name	NT Resources				
Electronic Results Format	ESDAT				
Email for Results	Greg.Molloy@NTResources.com.au				
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)				

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)		Surfacewater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)						Containers: 1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals					Sample Comments / DG Hazard Warning
1	Site 5	15/1/24	W							X	X	X	X	X							1		2					
2	Site 5	15/1/24	W							X	X	X	X	X							1		2					
3	Site 2	15/1/24	W							X	X	X	X	X							1		2					
4	Site 4	15/1/24	W							X	X	X	X	X							1		2					
5	WAND 01	15/1/24	W							X	X	X	X	X							1		2					
6	GS 200	15/1/24	W							X	X	X	X	X							1		2					
7	Site 1	15/1/24	W							X	X	X	X	X							1		2					
8	TREAT 01	15/1/24	W							X	X	X	X	X							1		2					
9																												
10																												
11																												
12																												

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By		Date	__/__/2023	Time	__:__	Signature		Temperature	7.9	Report №	1059844

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CHAIN OF CUSTODY RECORD

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☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P +61 3 8564 5000 — F +61 3 8564 5090 — E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)	Wade Bik				
(Time / Date)	23/1/2023 14				

Project Name	NT Resources	
Electronic Results Format	ESDAT	
Email for Results	Greg.Molloy@NTResources.com.au	
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)	

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	SITE 5	22-1-24	W					X	X	X	X		1		2	
2	SITE 5 DUPLICATE	22/1/24	W					X	X	X	X		1		2	
3	SITE 2	22/1/24	W					X	X	X	X		1		2	
4	SITE 4	22/1/24	W					X	X	X	X		1		2	
5	WAND01	22/1/24	W					X	X	X	X		1		2	
6	GS200	22/1/24	W					X	X	X	X		1		2	
7	SITE 1	22/1/24	W					X	X	X	X		1		2	
8	TREAT01	22/1/24	W					X	X	X	X		1		2	
9																
10																
11																
12																

Containers — Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	Donna Ceba	23/1/2023	1:22		7.7	106176 5

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Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)	Wada Sit				
(Time / Date)	30/1/2024				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply; ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	SITE 5	29/1/24	W					X	X	X	X	X		1		2	
2	SITE 5 DUPLICATE	29/1/24	W					X	X	X	X	X		1		2	
3	SITE 2	29/1/24	W					X	X	X	X	X		1		2	
4	SITE 4	29/1/24	W					X	X	X	X	X		1		2	
5	WAND01	29/1/24	W					X	X	X	X	X		1		2	
6	GS200	29/1/24	W					X	X	X	X	X		1		2	
7	SITE 1	29/1/24	W					X	X	X	X	X		1		2	
8	TREAT01	29/1/24	W					X	X	X	X	X		1		2	
9																	
10																	
11																	
12																	

☐ Courier (#)
☐ Hand Delivered
☐ Postal

Method of Shipment

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	Donna Ceba	30/1/2024	10:20		26.5	1063919

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☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 P +61 3 8564 5000 F +61 3 8564 5090 E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)	Linda Sit				
(Time / Date)	6/12/2023 4				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Containers: 1L Plastic - GREEN Inorganics; 500ml Plastic - GREEN Inorganics; 200mL Plastic - RED Metals; 60mL Plastic - RED Metals

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

№	Client Sample ID	Date	Matrix	Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")	Groundwater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)		Surfacewater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)					1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	SITE 5	5/12/24	W								X	X	X	X	X						1		2	
2	SITE 5 DUPLICATE	5/12/24	W								X	X	X	X	X						1		2	
3	SITE 2	5/12/24	W								X	X	X	X	X						1		2	
4	SITE 4	5/12/24	W								X	X	X	X	X						1		2	
5	WAND01	5/12/24	W								X	X	X	X	X						1		2	
6	GS200	5/12/24	W								X	X	X	X	X						1		2	
7	SITE 1	5/12/24	W								X	X	X	X	X						1		2	
8	TREAT01	5/12/24	W								X	X	X	X	X						1		2	
9																								
10																								
11																								
12																								

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	Donna Ceba	7/12/2023	9:00	Donna	NCA	1066575

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QS3009_XXXX Issue Date: XX.XX.2015 Approved by: XXXXXX

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☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P +61 3 8564 5000 F +61 3 8564 5090 — E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
Contact Name	Greg Molloy					Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone №	Mobile: 0437 690 958					Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat					Method of Shipment	☑ Courier (#) ☐ Hand Delivered ☐ Postal
Relinquished by (Signature) (Time / Date)	15/2/2023						

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered".)

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	SITE 5	12/2/24	W					X	X	X	X	X	1		2	
2	SITE 5 DUPLICATE	12/2/24	W					X	X	X	X	X	1		2	
3	SITE 2	12/2/24	W					X	X	X	X	X	1		2	
4	SITE 4	12/2/24	W					X	X	X	X	X	1		2	
5	WAND01	12/2/24	W					X	X	X	X	X	1		2	
6	GS200	12/2/24	W					X	X	X	X	X	1		2	
7	SITE 1	12/2/24	W					X	X	X	X	X	1		2	
8	TREAT01	12/2/24	W					X	X	X	X	X	1		2	
9																
10																
11																
12																

Laboratory Use Only	Received By		Date	__/__/2023	Time	__:__	Signature		Temperature		Report №	1069300

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CHAIN OF CUSTODY RECORD

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☐ Eurofins | mgt Brisbane Lab — Unit 1, 21 Smallwood Place, Murarrie, QLD 4172, P +61 7 3902 4600, E EnviroSampleQLD@eurofins.com.au

☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166, P +61 3 8564 5000, F +61 3 8564 5090, E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
Contact Name	Greg Molloy					Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone №	Mobile: 0437 690 958					Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat						
Relinquished by (Signature)	Wuda Sit						
(Time / Date)	20/2/2024						

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe, Pb, Mn, Ni, U, Zn)		Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe, Pb, Mn, Ni, U, Zn)		Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals	Method of Shipment	Sample Comments / DG Hazard Warning
1	SITE 5	19/2/24	W							X	X	X	X	X			1		2	☑ Courier (#)	
2	SITE 5 DUPLICATE	19/2/24	W							X	X	X	X	X			1		2	☐ Hand Delivered	
3	SITE 2	19/2/24	W							X	X	X	X	X			1		2	☐ Postal	
4	SITE 4	19/2/24	W							X	X	X	X	X			1		2		
5	WAND01	19/2/24	W							X	X	X	X	X			1		2		
6	GS200	19/2/24	W							X	X	X	X	X			1		2		
7	SITE 1	19/2/24	W							X	X	X	X	X			1		2		
8	TREAT01	19/2/24	W							X	X	X	X	X			1		2		
9																					
10																					
11																					
12																					

Laboratory Use Only	Received By		Date	__/__/2023	Time	__:__	Signature		Temperature		Report №	

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | mgt Standard Terms and Conditions

CHAIN OF CUSTODY RECORD

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☐ Eurofins | mgt Brisbane Lab — Unit 1, 21 Smallwood Place, Murarrie, QLD 4172, P +61 7 3902 4600, E EnviroSampleQLD@eurofins.com.au

☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166, P +61 3 8564 5000, F +61 3 8564 5099, E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd; Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)	Nuda Sit				
(Time / Date)	27/2/2024				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* (* Surcharges apply) ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Containers: 1L Plastic - GREEN Inorganics; 500ml Plastic - GREEN Inorganics; 200mL Plastic - RED Metals; 60mL Plastic - RED Metals

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

№	Client Sample ID	Date	Matrix	Analysis (Note: Where metals are requested, please specify "Total" or "Filtered".) Groundwater	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	SITE 5	26/2/24	W						X	X	X	X	X		1		2	
2	SITE 5 DUPLICATE	26/2/24	W						X	X	X	X	X		1		2	
3	SITE 2	26/2/24	W						X	X	X	X	X		1		2	
4	SITE 4	26/2/24	W						X	X	X	X	X		1		2	
5	WAND01	26/2/24	W						X	X	X	X	X		1		2	
6	GS200	26/2/24	W						X	X	X	X	X		1		2	
7	SITE 1	26/2/24	W						X	X	X	X	X		1		2	
8	TREAT01	26/2/24	W						X	X	X	X	X		1		2	
9	BH 24	26/2/24	W	X	X	X	X	X							1		2	
10	BH 24	26/2/24	W	X	X	X	X	X							1		2	
11	BH 22	26/2/24	W	X	X	X	X	X							1		2	
12																		

Laboratory Use Only	Received By	Donna Cleg	Date	27/2/2024	Time	3:00	Signature		Temperature	18.8	Report №	1072979

CHAIN OF CUSTODY RECORD

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☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P: +61 3 8564 5000 — F: +61 3 8564 5090 — E: EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
Contact Name	Greg Molloy					Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone №	Mobile: 0437 690 958					Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat					Containers	1L Plastic - GREEN Inorganics; 500ml Plastic - GREEN Inorganics; 200mL Plastic - RED Metals; 60mL Plastic - RED Metals
Relinquished by (Signature) (Time / Date)	Nuda Sit 6/3/2024					Method of Shipment	☑ Courier (#) ☐ Hand Delivered ☐ Postal

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	SITE 5	4/3/24	W						X	X	X	X	X		1		2	
2	SITE 5 DUPLICATE	4/3/24	W						X	X	X	X	X		1		2	
3	SITE 2	4/3/24	W						X	X	X	X	X		1		2	
4	SITE 4	4/3/24	W						X	X	X	✓	X		1		2	
5	WAND01	4/3/24	W						X	X	X	X	X		1		2	
6	GS200	4/3/24	W						X	X	X	X	X		1		2	
7	SITE 1	4/3/24	W						X	X	X	X	X		1		2	
8	TREAT01	4/3/24	W						X	X	X	X	X		1		2	
9																		
10																		
11																		
12																		

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	Hanie A	6/3/2024	10:45		24.1	

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | mgt Standard Terms and Conditions unless agreed otherwise. A copy of Eurofins | mgt Standard Terms and Conditions is available on request.

Y RECORD

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☐ Eurofins | mgt Brisbane Lab — Unit 1, 21 Smallwood Place, Murarrie, QLD 4172 — P: +61 7 3902 4600 — E: EnviroSampleQLD@eurofins.com.au

☐ Eurofins | mgt Melbourne Lab — 3 Kingston Town Close, Oakleigh, VIC 3166 — P: +61 3 8564 5000 — F: +61 3 8564 5090 — E: EnviroSampleVic@eurofins.com.au

Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
ıngle Rd, Batchelor, NT, 0845					Email for Results	Greg.Molloy@NTResources.com.au
Contact Name	Greg Molloy				Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiocham)
Contact Phone №	Mobile: 0437 690 958					
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat					
Relinquished by (Signature) (Time / Date)	Wuda Sit 12/3/2024					

Analysis (State where metals are required, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal	Sample Comments / DG Hazard Warning
1	SITE 5	11/3/24	W						X	X	X	X	X		1		2		
2	SITE 5 DUPLICATE	11/3/24	W						X	X	X	X	X		1		2		
3	SITE 2	11/3/24	W						X	X	X	X	X		1		2		
4	SITE 4	11/3/24	W						X	X	X	X	X		1		2		
5	WAND01	11/3/24	W						X	X	X	X	X		1		2		
6	GS200	11/3/24	W						X	X	X	X	X		1		2		
7	SITE 1	11/3/24	W						X	X	X	X	X		1		2		
8	TREAT01	11/3/24	W						X	X	X	X	X		1		2		
9																			
10																			
11															NO				
12																			

DATE: 14/3 HA
TIME: 11:00 ✓
COURIER: ✓
TEMPERATURE 21.1
ATTEMP TO CHILL: YES

Laboratory Use Only	Received By		Date	Time	Signature	Temperature		Report №
			__/__/2023 13/03/24	__:__				107801

HC 14/03/24

CHAIN OF CUSTODY RECORD

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☐ Eurofins | mgt Brisbane Lab — Unit 1, 21 Smallwood Place, Murarrie, QLD 4172 P: +61 7 3902 4600 E: EnviroSampleQLD@eurofins.com.au

☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 P: +61 3 8564 5000 F: +61 3 8564 5090 E: EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)	Wuda				
(Time / Date)	19/3/2024				

Project Name	NT Resources				
Electronic Results Format	ESDAT				
Email for Results	Greg.Molloy@NTResources.com.au				
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply	☑ 5 DAY (Std.)	☐ Other (20 Days for Radiochem)		

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	Site 5	18/3/24	W					X	X	X	X	X		1		2	
2	Site 5	18/3/24	W					X	X	X	X	X		1		2	
3	Site 2	18/3/24	W					X	X	X	X	X		1		2	
4	Site 4	18/3/24	W					X	X	X	X	X		1		2	
5	WAND 01	18/3/24	W					X	X	X	X	X		1		2	
6	GS 200	18/3/24	W					X	X	X	X	X		1		2	
7	Site 1	18/3/24	W					X	X	X	X	X		1		2	
8	TREAT 01	18/3/24	W					X	X	X	X	X		1		2	
9																	
10																	
11																	
12																	

#1080164

20/3/24

11:00

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
		19/3/2024	1:30 pm			

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CHAIN OF CUSTODY RECORD

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☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 P: +61 3 8564 5000 F: +61 3 8564 5090 E: EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)	Wuda				
(Time / Date)	19/3/2024				

Project Name	NT Resources				
Electronic Results Format	ESDAT				
Email for Results	Greg.Molloy@NTResources.com.au				
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply	☑ 5 DAY (Std.)	☐ Other (20 Days for Radiochem)		

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	Site 5	18/3/24	W					X	X	X	X	X		1		2	
2	Site 5	18/3/24	W					X	X	X	X	X		1		2	
3	Site 2	18/3/24	W					X	X	X	X	X		1		2	
4	Site 4	18/3/24	W					X	X	X	X	X		1		2	
5	WAND 01	18/3/24	W					X	X	X	X	X		1		2	
6	GS 200	18/3/24	W					X	X	X	X	X		1		2	
7	Site 1	18/3/24	W					X	X	X	X	X		1		2	
8	TREAT 01	18/3/24	W					X	X	X	X	X		1		2	
9																	
10																	
11																	
12																	

#1080164

20/3/24

11:00

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
		19/3/2024	1:30 pm			

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CHAIN OF CUSTODY RECORD

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☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 P +61 3 8564 5000 F +61 3 8564 5090 E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
Contact Name	Greg Molloy					Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone №	Mobile: 0437 690 958					Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat						
Relinquished by (Signature) (Time / Date)	Wuda Sik 26/3/2024						

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)		Surfacewater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)					1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	Site 5	25/3/24	W							X	X	X	X	X					1		2		
2	Site 5	25/3/24	W							X	X	X	X	X					1		2		
3	Site 2	25/3/24	W							X	X	X	X	X					1		2		
4	Site 4	25/3/24	W							X	X	X	X	X					1		2		
5	WAND 01	25/3/24	W							X	X	X	X	X					1		2		
6	QS 200	25/3/24	W							X	X	X	X	X					1		2		
7	Site 1	25/3/24	W							X	X	X	X	X					1		2		
8	TREAT 01	25/3/24	W							X	X	X	X	X					1		2		
9																							
10																							
11																							
12																							

Containers: 1L Plastic - GREEN Inorganics; 500ml Plastic - GREEN Inorganics; 200mL Plastic - RED Metals; 60mL Plastic - RED Metals

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	Donna Ceba	26/3/2024	2:30		21.5	1082055

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CHAIN OF CUSTODY RECORD

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☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close Oakleigh VIC 3166 P +61 3 8564 5000 F +61 3 8564 5090 E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
Contact Name	Greg Molloy					Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone №	Mobile: 0437 690 958					Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat						
Relinquished by (Signature)	Wuda Sik						
(Time / Date)	2/4/2024						

№	Client Sample ID	Date	Matrix	Groundwater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)		Surfacewater	Suite B11E	Suite B11D	Suspended Solids	Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)						Containers: 1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals					Sample Comments / DG Hazard Warning
1	SITE 5	1/4/24	W							X	X	X	X	X							1		2					
2	SITE 5 DUPLICATE	1/4/24	W							X	X	X	X	X							1		2					
3	SITE 2	1/4/24	W							X	X	X	X	X							1		2					
4	SITE 4	1/4/24	W							X	X	X	X	X							1		2					
5	WAND01	1/4/24	W							X	X	X	X	X							1		2					
6	GS200	1/4/24	W							X	X	X	X	X							1		2					
7	SITE 1	1/4/24	W							X	X	X	X	X							1		2					
8																												
9	RW TSF	1/4/24	W							X	X	X	X	X							1		2					
10	RW SRO	1/4/24	W							X	X	X	X	X							1		2					
11																												
12																												

Containers: Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Donna Ceba	Date	2/4/2024	Time	11:50	Signature		Temperature	21.8	Report №	1083152

CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt Sydney Lab

☐ Eurofins | mgt Brisbane Lab

☐ Eurofins | mgt Melbourne Lab

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)	Wada				
(Time / Date)	8/4/2024				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	SITE 5	8/4/24	W					X	X	X	X	X			2	
2	SITE 5 DUPLICATE	8/4/24	W					X	X	X	X	X			2	
3	SITE 2	8/4/24	W					X	X	X	X	X			2	
4	SITE 4	8/4/24	W					X	X	X	X	X			2	
5	WAND01	8/4/24	W					X	X	X	X	X			2	
6	GS200	8/4/24	W					X	X	X	X	X			2	
7	SITE 1	8/4/24	W					X	X	X	X	X			2	
8	TREAT01	8/4/24	W					X	X	X	X	X			2	
															2	

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Donna Cetoz	Date	8/4/2023	Time	2:40	Signature	Donnaleba	Temperature	N/A	Report №	1035916

Submission of samples to the laboratory will be

CHAIN OF CUSTODY RECORD

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☐ Eurofins | mgt Brisbane Lab — Unit 1, 21 Smallwood Place, Murarrie, QLD 4172 — P +61 7 3902 4600 — E EnviroSampleQLD@eurofins.com.au

☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P +61 3 8564 5000 — F +61 3 8564 5090 — E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT
Contact Name	Greg Molloy	Project Manager	Greg Molloy
Contact Phone №	Mobile: 0437 690 958	Project №	NT Resources
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat	Project Name	NT Resources
Relinquished by (Signature) (Time / Date)	Wuda Sit 16/4/2024	Electronic Results Format	ESDAT
		Email for Results	Greg.Molloy@NTResources.com.au

Turn Around Requirements: ☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* (* Surcharges apply) ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)		Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)						Containers: 1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals					Sample Comments / DG Hazard Warning
1	Site 5	15/4/24	W							X	X	X	X	X							1		2					
2	Site 5	15/4/24	W							X	X	X	X	X							1		2					
3	Site 2	15/4/24	W							X	X	X	X	X							1		2					
4	Site 4	15/4/24	W							X	X	X	X	X							1		2					
5	WANO 01	15/4/24	W							X	X	X	X	X							1		2					
6	GS 200	15/4/24	W							X	X	X	X	X							1		2					
7	Site 1	15/4/24	W							X	X	X	X	X							1		2					
8	TREAT 01	15/4/24	W							X	X	X	X	X							1		2					
9																												
10																												
11																												
12																												

Containers: ☐ 1L Plastic - GREEN Inorganics ☐ 500ml Plastic - GREEN Inorganics ☐ 200mL Plastic - RED Metals ☐ 60mL Plastic - RED Metals

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Donna Ceba	Date	16/4/2024	Time	11:42	Signature		Temperature	24.6	Report №	1087883

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Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)	Wuda Bik				
(Time / Date)	22/4/2024				

Project Name	NT Resources	
Electronic Results Format	ESDAT	
Email for Results	Greg.Molloy@NTResources.com.au	
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)	

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)		Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)					Containers: 1L Plastic - GREEN Inorganics	Containers: 500ml Plastic - GREEN Inorganics	Containers: 200mL Plastic - RED Metals	Containers: 60mL Plastic - RED Metals					Sample Comments / DG Hazard Warning
1	Site 5	22/4/24	W							X	X	X	X	X						1		2					
2	Site 5	22/4/24	W							X	X	X	X	X						1		2					
3	Site 2	22/4/24	W							X	X	X	X	X						1		2					
4	Site 4	22/4/24	W							X	X	X	X	X						1		2					
5	WAND 01	22/4/24	W							X	X	X	X	X						1		2					
6	GS 200	22/4/24	W							X	X	X	X	X						1		2					
7	Site 1	22/4/24	W							X	X	X	X	X						1		2					
8	TREAT 01	22/4/24	W							X	X	X	X	X						1		2					
9																											
10																											
11																											
12																											

Containers: 1L Plastic - GREEN Inorganics; 500ml Plastic - GREEN Inorganics; 200mL Plastic - RED Metals; 60mL Plastic - RED Metals

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	Donna Cebra	22/4/2024	1:15	Donnacebra	14.6	1089982

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☐ Eurofins | mgt Melbourne Lab — 2 Kingston Town Close, Oakleigh, VIC 3166 — P +61 3 8564 5000 — F +61 3 8564 5090 — E EnviroSampleVic@eurofins.com.au

Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources	Electronic Results Format	ESDAT
Contact Name	Greg Molloy					Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone №	Mobile: 0437 690 958					Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat					Containers	Method of Shipment
Relinquished by (Signature) (Time / Date)	Wuda Sik 30/4/2023 4						☑ Courier (#) ☐ Hand Delivered ☐ Postal

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	Site 5	27/4/24	W					X	X	X	X	X		1		2	
2	Site 5	27/4/24	W					X	X	X	X	X		1		2	
3	Site 2	27/4/24	W					X	X	X	X	X		1		2	
4	Site 4	27/4/24	W					X	X	X	X	X		1		2	
5	WAND 01	27/4/24	W					X	X	X	X	X		1		2	
6	GS 200	27/4/24	W					X	X	X	X	X		1		2	
7	Site1	27/4/24	W					X	X	X	X	X		1		2	
8	TREAT01	27/4/24	W					X	X	X	X	X		1		2	
9																	
10																	
11																	
12																	

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report №
	Nikitas Kambouraklis	30/04/2023	11:50		3.9	1092111

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Company	NT Resources Pty Ltd	Purchase Order	NTR #02098	Project Manager	Greg Molloy
Address	Old Rum Jungle Rd, Batchelor, NT, 0845	Eurofins | mgt Quote №	221129NTRNT	Project №	NT Resources
Contact Name	Greg Molloy				
Contact Phone №	Mobile: 0437 690 958				
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat				
Relinquished by (Signature)	Wada Sik				
(Time / Date)	30/4/2024				

Project Name	NT Resources
Electronic Results Format	ESDAT
Email for Results	Greg.Molloy@NTResources.com.au
Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* * Surcharges apply ☑ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)

Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")

№	Client Sample ID	Date	Matrix	Groundwater: Suite B11E	Groundwater: Suite B11D	Groundwater: Suspended Solids	Groundwater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Surfacewater	Surfacewater: Suite B11E	Surfacewater: Suite B11D	Surfacewater: Suspended Solids	Surfacewater: Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe,, Pb, Mn, Ni, U, Zn)	Containers: 1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200mL Plastic - RED Metals	60mL Plastic - RED Metals	Sample Comments / DG Hazard Warning
1	Site 5	30/4/24	W					X	X	X	X	X		1	2		
2	Site 5	30/4/24	W					X	X	X	X	X		1	2		
3	Site 2	30/4/24	W					X	X	X	X	X		1	2		
4	Site 4	30/4/24	W					X	X	X	X	X		1	2		
5	WAND01	30/4/24	W					X	X	X	X	X		1	2		
6	QS 200	30/4/24	W					X	X	X	X	X		1	2		
7	Site 1	30/4/24	W					X	X	X	X	X		1	2		
8	TREAT 01	30/4/24	W					X	X	X	X	X		1	2		
9																	
10																	
11																	
12																	

Method of Shipment: ☑ Courier (#) ☐ Hand Delivered ☐ Postal

Laboratory Use Only	Received By	Donna Ceba	Date	30/4/2024	Time	::	Signature		Temperature	15.9	Report №	1092154

Submission of samples to the laboratory will be deemed as acceptance of Eurofins | mgt Standard Terms and Conditions unless agreed otherwise. A copy of Eurofins | mgt Standard Terms and Conditions is available on request.

QS3009_XXXX Issue Date: XX XX 2015 Approved by: XXXXXX

APPENDIX G – 2023/24 MONTHLY DISCHARGE REPORTS

Our Ref: NTR-ENV-LET-105
7 February 2024

NT Environmental Protection Authority
Environmental Authorisations
c/-Sally-Anne Orchard
Email: waste@nt.gov.au

Dear Sally-Anne

WDL 177-10 – January 2024 Monthly Discharge Report as per Licence Condition 43

In accordance with WDL 177-10 condition 43, Northern Territories Resources Pty Ltd (NTR) submits the Monthly Discharge report for January 2024.

Relevant water quality parameters and metal concentrations were recorded during the period of discharge (see Tables 1 & 2)

Licence condition 43 - *Water quality data.*

Field water quality measurements were taken from the respective monitoring and compliance sites according to the requirements of Appendix 2 of the WDL once discharge commenced and/or there was flow at the monitoring sites.

The field monitoring results measured during January 2024 are shown in Table 1.

Table 1 Field monitoring results for January 2024

During discharge				Field						Inorganics
				Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (field)	pH (Field)	Turbidity (Lab)
				°C	mg/L	mV	%	µS/cm	-	NTU
EQL										
WDL177-10 Trigger Levels								700	6.5-8.5	10
Location Code	**Date**	**Time**	**Sample Comments**							
GS200	08 Jan 2024	7:33:00	depth=1.37, colour= disc	27.6	3.11	216	39.2	695	6.61	2.22
GS200	12 Jan 2024	17:42:00	Colour= dirty, Depth= 1.5	27.6	4.03	203	54	521	6.27	65
GS200	12 Jan 2024	18:55:00	Colour= dirty, Depth= 1.5	27.7	4.22	212	32.7	507	6.36	241
GS200	15 Jan 2024	8:25:00	depth=2.11, colour= dirty	26.1	3.65	128	45.2	108.9	6.45	83
GS200	22 Jan 2024	8:33:00	depth= 1.62, colour= clea	28.6	3.29	BM	43	219	6.5	7.2
GS200	29 Jan 2024	9:55:00	depth= 1.85, colour= clea	28	3.04	BM	38.1	143	6.41	7.8
SITE1	12 Jan 2024	18:34:00	Colour= dirty, Depth = .5,	27.8	3.69	297	45.6	804	4.51	50
SITE1	15 Jan 2024	8:09:00	colour= , flow= fast, dep	26	3.67	151	45.2	92	6.58	90.8
SITE1	22 Jan 2024	8:16:00	colour= clear, flow= mec	28.2	3.92	BM	49.4	183.3	6.63	6.6
SITE1	29 Jan 2024	9:29:00	colour= clear, flow= mec	27.3	3.83	BM	47.2	196	5.58	10.4
SITE2	08 Jan 2024	8:45:00	dam gauge ht = 1.2, colou	32.3	2.67	131	36.9	509	7.38	5.2
SITE2	12 Jan 2024	19:46:00	Colour=clear, Flow=	30.3	3.19	171	41.9	496	7.52	14.7
SITE2	15 Jan 2024	9:38:00	dam gauge ht = 1.1, colou	27.9	3.93	47.8	50.3	441	7.23	18.5
SITE2	22 Jan 2024	9:01:00	dam gauge ht = .28, colou	29.3	3.82	BM	49.7	355	7.11	4.3
SITE2	29 Jan 2024	8:30:00	dam gauge ht = .69, colou	27.1	3.15	BM	39.7	239	6.98	19.8
SITE4	08 Jan 2024	8:33:00	colour= slight disc, flow=	28.3	2.48	192	31.7	34.9	5.96	24.8
SITE4	12 Jan 2024	19:32:00	Colour= dirty, Depth = .1	27.4	2.79	190	35	33.2	5.88	68
SITE4	13 Jan 2024	15:27:00	Colour= dirty,Clarity = di	28.5	2.66	23.4	33.9	21.09	5.67	70.2
SITE4	14 Jan 2024	7:45:00	Colour= brownish, Clarity	27	2.89	2.9	37.7	27.5	8.43	28.3
SITE4	15 Jan 2024	9:23:00	Colour=discoloured, Clar	26.6	3.39	75.8	42.5	20.8	5.65	33
SITE4	16 Jan 2024	10:43:00	Colour= dirty, Flow= fast	27.1	3.61	2.3	45.5	56.4	5.29	52.2
SITE4	17 Jan 2024	6:50:00	Colour=discoloured, Flov	25.8	3.12	-3	38.8	32.3	5.17	21.6
SITE4	18 Jan 2024	6:41:00	Colour=clear, Flow= mec	26.9	3.14	13.2	38.8	26.2	5.36	14
SITE4	19 Jan 2024	8:40:00	Colour= clear, Clarity = cl	27.4	3.02	95	38	21.9	5.42	10.2
SITE4	20 Jan 2024	8:40:00	Colour = clear, clarity = cl	27.1	3.08	194	36.9	19.34	5.93	8.1
SITE4	21 Jan 2024	8:50:00	Colour = clear, clarity = cl	27.6	3.29	BM	45	18.29	5.8	8.1
SITE4	22 Jan 2024	9:15:00	Colour = clear, clarity = ,	28.5	3.31	BM	43	36.2	5.83	4.5
SITE4	23 Jan 2024	6:42:00	Colour = clear, clarity = ,	27.2	2.94	BM	36.3	47.2	5.65	4.9
SITE4	24 Jan 2024	6:30:00	Colour = clear, clarity = ,	26.4	3.08	BM	38.3	48	5.67	10.6
SITE4	25 Jan 2024	6:30:00	Colour = clear, clarity = ,	26.1	3.58	BM	44.1	43.9	5.53	5.5
SITE4	26 Jan 2024	10:54:00	Colour = crystal, clarity =	27.7	2.95	BM	39.4	42.1	5.67	9.2
SITE4	27 Jan 2024	11:50:00	Colour = crystal clarity =	27.7	3.31	BM	42	42.1	5.46	4.2
SITE4	28 Jan 2024	9:00:00	Colour = clear, clarity = cl	26.9	3.44	BM	46.5	16.68	5.94	3.4
SITE4	29 Jan 2024	8:14:00	Colour = clarity = , flow =	26.7	3.13	BM	38.9	17.1	5.8	5.4
SITE4	30 Jan 2024	13:40:00	Colour = dirty, clarity = di	24.6	2.9	BM	44.3	26.1	5.4	108.3
SITE4	31 Jan 2024	7:06:00	Colour = clear, clarity = ,	26.2	2.87	222	35.3	85.2	5.67	3.9
SITE5	08 Jan 2024	8:01:00	colour, flow=low, depth=	27.2	2.33	177	29.6	337	6.91	15
SITE5	12 Jan 2024	17:50:00	Colour= Depth= .52,	27.8	2.31	176	29.4	222	6.6	151
SITE5	12 Jan 2024	19:18:00	Colour= dirty, Depth = 1.(	28	2.44	171	30.6	321	6.94	85.1
SITE5	13 Jan 2024	15:00:00	Colour = cloudy, Clarity =	28.9	2.28	20.6	30.3	290	6.93	26.5
SITE5	14 Jan 2024	7:57:00	Colour = clear, Clarity = c	28.2	3.85	24.9	45	355	6.9	11.3
SITE5	15 Jan 2024	8:52:00	Colour = dirty, flow = hig	26	4.03	59.4	48.6	146.7	6.79	35.4
SITE5	16 Jan 2024	11:05:00	Colour =discoloured, flov	26.9	3.27	-24	41.9	153	6.59	20.4
SITE5	17 Jan 2024	7:08:00	Colour = discoloured, flo	25.6	2.97	-23	37	67	6.16	25
SITE5	18 Jan 2024	6:57:00	Colour =slight disc, flow	27.2	2.7	12.3	34.1	248	6.79	9.1
SITE5	19 Jan 2024	8:20:00	Colour = clear, clarity = cl	27.4	2.76	179	34.8	234	6.26	8.2
SITE5	20 Jan 2024	8:25:00	Colour = clear, clarity = cl	27.6	3.67	175	43	246	6.96	6.1
SITE5	21 Jan 2024	8:30:00	Colour = clear, clarity = cl	27.5	3.13	BM	37.8	251	6.39	5.8
SITE5	22 Jan 2024	10:06:00	Colour = clear, clarity = ,	28.3	2.9	BM	37.1	236	6.85	15.9
SITE5	23 Jan 2024	6:56:00	Colour = clear, clarity = ,	27.9	2.51	BM	32.1	202	6.63	2
SITE5	24 Jan 2024	6:47:00	Colour = clear, clarity = ,	26.9	2.41	BM	30.1	166	6.62	6.7
SITE5	25 Jan 2024	6:44:00	Colour = clear, clarity = ,	26.2	3.57	BM	44.6	88.6	6.33	15.2
SITE5	26 Jan 2024	11:16:00	Colour = brownish, clarit	27.5	3.82	BM	48.4	80.1	6.55	9.8
SITE5	27 Jan 2024	12:05:00	Colour = murky, clarity =	28	3.56	BM	44.9	80.5	6.41	8.2
SITE5	28 Jan 2024	8:40:00	Colour = clear clarity = cl	26.9	2.62	BM	32.3	114.2	6.22	4.6
SITE5	29 Jan 2024	7:39:00	Colour = clear clarity = ,	26.6	2.83	BM	35.9	145	6.64	6.7
SITE5	30 Jan 2024	13:20:00	Colour = dirty, clarity = di	24.6	3.5	BM	40.5	57.5	6.39	24.7
SITE5	31 Jan 2024	6:50:00	Colour = clear, clarity = ,	26.2	3.13	209	37.9	163	6.42	4.7
TREAT01	15 Jan 2024	9:52:00	colour = clear, treating	28	3.71	44	47.4	444	8.66	6.4
TREAT01	22 Jan 2024	11:03:00	colour = clear, treating,	28.9	3.77	BM	48.6	286	9.41	8.7
TREAT01	29 Jan 2024	8:45:00	colour = clear, treating,	27.1	3.74	BM	55.4	293	9.35	15.2
BM: Broken Meter										

Note: As per Note 5 in Table 2 Monitoring Requirements of WDL177-10, Trigger values for Turbidity and Total Suspended Solids are based on 80th percentile data from Site 4 from the 2020/21 and 2021/22 wet seasons. If trigger values are exceeded upstream of the compliance point (Site 4) on the date of sampling, exceedances at Site 5 do not count towards notifiable incidents specified at Item 10.

In excess of 870mm of rainfall fell on the site from 12 January 2024 to the 31 January 2024. This caused elevated levels of turbidity (>10 NTU) to be measured at Site 4 on numerous occasions during the month. Elevated levels of turbidity (>10 NTU) were measured at Site 5 on the following dates when turbidity at Site 4 was less than 10 NTU:

- 22 January 2024 Site 5 NTU 15.9
- 25 January 2024 Site 5 NTU 15.2

Site 4 is upstream of the monitoring point at Site 5. During the entire duration of January 2024, pH at Site 4 was less than pH 6, indicating that acidic water was flowing in the creek upstream of the discharge point (Site 5). It would appear that the Site 4 pH measurement on 14 January 2024 is in error – with pH 8.43 being significantly higher than pH measurements before and after that date. At the Site 2 monitoring location in the site sediment dam, pH measurements were in excess of pH 7 for the duration of January 2024, indicating that the pH of water discharged from the site via the Site 5 monitoring location was compliance with the WDL177-10 pH limits. However, a number of pH measurements less than the lower pH trigger level were recorded at Site 5 during January 2024. These include:

- 17 January 2024 Site 5 pH 6.16
- 19 January 2024 Site 5 pH 6.26
- 21 January 2024 Site 5 pH 6.39
- 25 January 2024 Site 5 pH 6.33
- 27 January 2024 Site 5 pH 6.41
- 28 January 2024 Site 5 pH 6.22
- 30 January 2024 Site 5 pH 6.39
- 31 January 2024 Site 5 pH 6.42

It is likely that the acidic discharge monitoring at Site 5 was, at least in part, attributed to acidic water flowing in the creek from Site 4. Regardless, the abovementioned instances will be noted as non-compliances in the Annual Report and Annual Return.

The metals and inorganics concentrations for samples taken January 2024 are shown in Table 3.

Table 2 Laboratory results for January 2024

		Inorganics									Metals																									
During discharge		Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)	Aluminium	Aluminium (filtered)	Cadmium	Cadmium (filtered)	Calcium	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Cobalt (filtered)	Copper	Copper (filtered)	Iron	Iron (filtered)	Lead	Lead (filtered)	Magnesium	Manganese	Manganese (filtered)	Nickel	Nickel (filtered)	Potassium	Uranium	Uranium (filtered)	Zinc	Zinc (filtered)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L
EQL		20	20	20	20	1	0.5	5	5	5	0.05	0.05	0.0002	0.0002	0.5	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	0.001	0.001	0.5	0.005	0.005	0.001	0.001	0.5	5	5	0.005	0.005
WDL177-10 Trigger Levels										6		0.08		0.0004			0.006		0.013		0.0025				0.0066			2.5		0.013					0.015
WDL177-10 Triple Trigger Levels										18		0.24		0.0012			0.018		0.039		0.0075				0.0198			7.5		0.039					0.045
Location Code	Date																																			
GS200	08 Jan 2024	58	<20	<20	58	4	10	320	350	14	0.48	<0.05	0.0016	0.0016	35	<0.001	<0.001	0.56	0.56	0.38	0.14	1.4	<0.05	0.005	<0.001	63	1.7	1.7	0.47	0.47	2	12	9	0.93	0.93
SITE2	08 Jan 2024	500	<20	<20	500	5	7.7	190	250	<5	<0.05	<0.05	<0.0002	<0.0002	23	<0.001	<0.001	0.005	0.002	0.015	0.007	0.09	<0.05	0.005	<0.001	47	0.14	0.098	0.007	0.006	1.2	<5	<5	0.011	0.011
SITE4	08 Jan 2024	<20	<20	<20	<20	5.4	3.6	<5	6.6	6.3	0.24	0.08	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.003	0.003	1.1	0.33	0.001	<0.001	1.3	0.055	0.05	<0.001	<0.001	1.4	<5	<5	0.014	0.014
SITE5	08 Jan 2024	82	<20	<20	82	5.5	14	85	140	14	0.16	<0.05	<0.0002	<0.0002	19	<0.001	<0.001	0.005	0.002	0.006	0.004	1.4	0.15	0.002	<0.001	21	0.45	0.17	0.003	0.003	1.4	<5	<5	0.006	0.006
SITE5	08 Jan 2024	480	<20	<20	480	4.9	14	83	130	6.1	0.16	<0.05	<0.0002	<0.0002	19	<0.001	<0.001	0.006	0.002	0.007	0.005	1.5	0.2	0.002	<0.001	21	0.53	0.19	0.004	0.003	1.4	<5	<5	0.01	0.01
GS200	12 Jan 2024	170	<20	<20	170	4.3	4.7	240	260	110	1.9	<0.05	0.0008	0.0007	21	0.003	<0.001	0.2	0.2	0.2	0.054	3.9	<0.05	0.023	<0.001	50	0.89	0.84	0.17	0.16	1.6	9	<5	0.31	0.26
GS200	12 Jan 2024	<20	<20	<20	<20	2.7	2.9	27	40	110	1.2	0.05	<0.0002	<0.0002	3.9	0.002	<0.001	0.023	0.016	0.072	0.017	2.4	0.13	0.011	<0.001	7.4	0.12	0.1	0.021	0.014	1.2	6	<5	0.031	0.016
SITE1	12 Jan 2024	<20	<20	<20	<20	2.6	2.3	19	27	60	1.4	0.09	<0.0002	<0.0002	2.4	0.002	<0.001	0.023	0.016	0.073	0.02	2.7	0.14	0.014	<0.001	5.2	0.15	0.11	0.02	0.014	1.2	6	<5	0.023	0.013
SITE2	12 Jan 2024	79	<20	<20	79	4.8	8.2	180	260	5	<0.05	<0.05	<0.0002	<0.0002	23	<0.001	<0.001	0.005	0.002	0.016	0.006	0.06	<0.05	0.006	<0.001	48	0.11	0.064	0.007	0.005	1.2	<5	<5	0.008	<0.005
SITE4	12 Jan 2024	<20	<20	<20	<20	2.3	1.7	<5	<5	11	0.37	0.1	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.003	0.002	0.39	0.1	<0.001	<0.001	0.7	0.013	0.01	<0.001	<0.001	1	<5	<5	<0.005	<0.005
SITE5	12 Jan 2024	63	<20	<20	63	5.3	9.7	87	140	58	0.79	<0.05	<0.0002	<0.0002	18	0.002	<0.001	0.01	0.003	0.014	0.006	4.1	0.12	0.009	0.001	24	0.56	0.34	0.006	0.004	2.3	<5	<5	0.015	0.013
SITE5	12 Jan 2024	200	<20	<20	200	5.3	10	120	150	57	0.79	<0.05	<0.0002	<0.0002	18	0.001	<0.001	0.01	0.004	0.013	0.007	4	0.17	0.008	0.002	24	0.55	0.34	0.006	0.004	2.3	<5	<5	0.017	0.016
SITE5	12 Jan 2024	<20	<20	<20	<20	4.3	10	50	82	57	1.3	<0.05	<0.0002	<0.0002	10	0.002	<0.001	0.006	0.003	0.017	0.007	3.5	0.16	0.014	<0.001	14	0.15	0.091	0.006	0.004	1.6	<5	<5	0.011	0.012
GS200	15 Jan 2024	26	<10	<20	26	2.6	5.1	250	250	200	0.003	<0.001	0.0007	0.0006	21	0.006	<0.001	0.2	0.16	0.26	0.042	7.3	<0.05	0.042	<0.001	48	0.91	0.7	0.17	0.13	1.7	13	<5	0.32	0.21
SITE1	15 Jan 2024	<20	<10	<20	<20	2.1	2.8	470	440	31	0.001	<0.001	0.0016	0.0016	35	0.001	<0.001	0.43	0.41	0.71	0.69	1	<0.05	0.03	0.02	86	2.1	2.1	0.38	0.37	2.1	15	13	0.63	0.6
SITE2	15 Jan 2024	64	<10	<20	64	4.1	7.3	160	240	<5	0.001	<0.001	<0.0002	<0.0002	23	<0.001	<0.001	0.005	0.001	0.016	0.007	0.07	<0.05	0.008	<0.001	44	0.1	0.05	0.006	0.006	1.2	<5	<5	0.007	<0.005
SITE4	15 Jan 2024	<20	<10	<20	<20	2	1.7	7	<5	11	<0.001	<0.001	<0.0002	<0.0002	<0.5	0.002	<0.001	<0.001	<0.001	0.003	0.002	0.38	0.08	0.001	<0.001	0.6	0.011	<0.005	0.001	<0.001	0.9	<5	<5	0.012	<0.005
SITE5	15 Jan 2024	26	<10	<20	26	3.1	3.7	31	58	11	<0.001	<0.001	<0.0002	<0.0002	6.6	<0.001	<0.001	<0.001	<0.001	0.004	0.002	0.53	0.1	0.003	<0.001	10	0.023	0.017	0.002	0.001	1	<5	<5	0.006	<0.005
SITE5	15 Jan 2024	27	<10	<20	27	3	3.6	32	55	10	<0.001	<0.001	<0.0002	<0.0002	6.3	<0.001	<0.001	0.001	<0.001	0.005	0.002	0.64	0.1	0.004	<0.001	9.6	0.026	0.016	0.002	0.001	1	<5	<5	0.006	<0.005
TREAT01	15 Jan 2024	31	<10	<20	31	3	3.7	210	220	8.6	<0.001	<0.001	<0.0002	<0.0002	40	<0.001	<0.001	0.063	0.004	0.56	0.006	<0.05	<0.05	0.029	0.003	28	0.054	<0.005	0.042	0.003	0.9	<5	<5	0.03	<0.005
SITE1	22 Jan 2024	<20	<20	<20	<20	2.6	4	58	89	<5	0.22	<0.05	<0.0002	<0.0002	6.1	<0.001	<0.001	0.045	0.044	0.092	0.063	0.32	0.06	<0.001	<0.001	15	0.15	0.15	0.037	0.036	1.1	<5	<5	0.072	0.065
SITE2	22 Jan 2024	32	<20	<20	32	3.2	7	130	170	<5	<0.05	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.004	<0.001	0.014	0.005	0.06	<0.05	0.006	<0.001	26	0.072	0.019	0.008	0.007	1.2	<5	<5	0.008	<0.005
SITE4	22 Jan 2024	<20	<20	<20	<20	2.3	3.2	<5	<5	<5	0.11	0.07	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.32	0.11	<0.001	<0.001	0.8	0.013	0.011	<0.001	<0.001	1.1	<5	<5	<0.005	<0.005
SITE5	22 Jan 2024	37	<20	<20	37	3.4	6.8	71	100	6.2	0.11	<0.05	<0.0002	<0.0002	14	<0.001	<0.001	0.001	0.001	0.005	0.003	0.32	<0.05	0.001	<0.001	16	0.04	0.034	0.002	0.002	1.8	<5	<5	<0.005	<0.005
SITE5	22 Jan 2024	34	<20	<20	34	3.3	6.4	72	99	<5	0.1	<0.05	<0.0002	<0.0002	14	<0.001	<0.001	0.001	<0.001	0.006	0.003	0.33	0.05	0.002	<0.001	16	0.042	0.036	0.002	0.002	1.5	<5	<5	<0.005	<0.005
TREAT01	22 Jan 2024	<20	23	<20	42	2.7	3.9	100	130	8.2	0.06	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.053	0.001	0.47	0.009	<0.05	<0.05	0.051	0.019	18	0.061	<0.005	0.035	0.001	1	<5	<5	0.02	<0.005
GS200	30 Jan 2024	<20	<20	<20	<20	2	2.5	46	56	<5	0.11	0.12	<0.0002	<0.0002	5.9	<0.001	<0.001	0.027	0.009	0.047	0.024	0.18	0.18	<0.001	<0.001	10	0.1	0.034	0.027	0.009	0.9	<5	<5	0.036	0.013
SITE1	30 Jan 2024	<20	<20	<20	<20	2.3	2.1	63	64	17	0.19	0.18	<0.0002	<0.0002	5.5	<0.001	<0.001	0.051	0.05	0.24	0.22	<0.05	<0.05	0.001	0.001	12	0.16	0.15	0.058	0.056	0.8	<5	<5	0.071	0.068
SITE2	30 Jan 2024	320	<20	<20	320	2.3	3.2	80	110	<5	0.1	<0.05	<0.0002	<0.0002	15	<0.001	<0.001	0.011	0.002	0.017	0.006	0.22	<0.05	0.015	<0.001	17	0.18	0.11	0.013	0.012	0.7	<5	<5	0.021	0.016
SITE4	30 Jan 2024	<20	<20	<20	<20	1.9	1.6	<5	<5	<5	0.16	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.23	0.09	<0.001	<0.001	0.5	0.01	0.009	<0.001	<0.001	0.8	<5	<5	<0.005	<0.005
SITE5	30 Jan 2024	1,100	<20	<20	1,100	2	2.8	35	55	<5	0.12	<0.05	<0.0002	<0.0002	7.4	<0.001	<0.001	0.002	0.002	0.006	0.004	0.24	0.05	0.002	<0.001	8.7	0.016	0.014	0.002	0.002	0.7	<5	<5	0.007	0.006
SITE5	30 Jan 2024	350	<20	<20	350	1.9	2.7	36	54	<5	0.11	<0.05	<0.0002	<0.0002	7.3	<0.001	<0.001	0.002	0.002	0.005	0.004	0.22	<0.05	0.002	<0.001	8.7	0.016	0.013	0.002	0.002	0.7	<5	<5	<0.005	<0.005
TREAT01	30 Jan 2024	32	26	<20	59	2.6	2.9	91	140	5.8	<0.05	<0.05	<0.0002	<0.0002	17	0.002	0.002	0.013	<0.001	0.046	0.002	<0.05	<0.05	0.029	0.004	23	0.058	<0.005	0.011	0.001	0.7	<5	<5	0.019	<0.005

A non-compliance for the Site 5 trigger level for copper (filtered) of 0.007 mg/L was measured on 12 January 2024. This non-compliance was 0.0045 mg/L greater than the trigger level (0.0025 mg/L) but below the triple trigger level (0.0075 mg/L). A non-compliance for the Site 5 trigger level for copper (filtered) of 0.004 mg/L was measured on 30 January 2024. This non-compliance was 0.0015 mg/L greater than the trigger level (0.0025 mg/L) but below the triple trigger level (0.0075 mg/L). A small (0.005mg/L) exceedance of the trigger level for copper (filtered) was measured at Site 5 on 22 January 2024. This may be associated with precision/round up of the measurements taken at the laboratory, where the reporting is to three decimal places. A non-compliance for the Site 5 trigger level for copper (filtered) of 0.004 mg/L was measured on 30 January 2024. This non-compliance was 0.0015 mg/L greater than the trigger level (0.0025 mg/L) but below the triple trigger level (0.0075 mg/L). We note that the Site 1 and GS200 has filtered copper, cobalt and nickel concentrations orders of magnitude in excess of the values measured at Site 5.

Elevated Total Suspended Solids (TSS) was measured at Site 5 on 12 January 2024 that exceeded the Tripple Trigger Level. This also corresponds to elevated TSS concentrations at Site 1, Site 4 and GS200 (and is similarly reflected in elevated turbidity measurements). This results is consistent with the commencement of monsoonal rainfall that fell across the catchment at that time.

Elevated TSS persisted in measurements taken on 15 January 2024, with TSS at Site 5 exceeding the Triger Level. High TSS was also measured at Site 1 and GS200.

Notes on sample data

1: Trigger Values only apply to Site 5 during discharge.

2. We note that the water quality at GS200, Site 1 and Site 4 is considerably worse that at Site 5, indicating that water quality from the discharge point was having negligible impact on the East Finnis River.

Licence condition 43 - Flow data from DAMOUT1 at the flow meter.

Flow meter readings at Site 2.

Discharge was occurring from Site 5 in one event from 12 January 2024 – 31 January 2024 with a total discharge of 500.648 ML. Discharge from Site 5 is continuing.

Licence condition 3 - Date, time and duration of each discharge event.

Event 1

Start Date: 12 January 2024

Time start: 18:25 hours

End Date: 31 January 2024

Time End: 00:00 hours

Duration of event: 18 days, 5 hours, 35 mins

Discharge volume: 500,648 m^3

Licence condition 43 - Summary of water inventory.

The Site water inventory as follows:

Total water treated January 2024: **120 ML**
Total water discharged January 2024: **500 ML**
Total water used for dust suppression for January 2024: **226 m^3**
Total rainfall for January 2024: **985 mm**

Pond name	Gauge Height (1/1/2024)	Gauge Height (31/1/2024)
Sed dam	1.20	0.5
Pit level	55.81	58.30
BSS	1.26	1.79
PAF	1.23	1.88
SP3	1.91	3.34
SRO	0.45	0.55

Discharge events
A measured flow total of 500ML of water was discharged during January 2024.

Licence condition 43 - A summary of any trigger value exceedances for the month.

The WDL trigger values for pH and EC measured at Site 5 exceeded on several occasions during January 2024. However, pH at Site 4 was less than 6 for the entire month. Similarly, heavy rainfall induced turbidity was measured for much of January 2024 at Site 4. This suggests that acidic and turbid water was flowing from upstream to make the Site 5 monitoring compliance point non-compliant.

One exceedance of the WDL trigger level for filtered copper was measured on 12 January 2024 with a measurement of 0.007 mg/L recorded in comparison to a trigger value of 0.0045 mg/L. An exceedance of the WDL trigger level for filtered copper was measured on 22 January 2024 with a measurement of 0.003 mg/L recorded in comparison to a trigger value of 0.0005 mg/L. This is possibly due to a laboratory precision/rounding up issue. A non-compliance for the Site 5 trigger level for copper (filtered) of 0.004 mg/L was measured on 30 January 2024. This non-compliance was 0.0015 mg/L greater than the trigger level (0.0025 mg/L) but below the triple trigger level (0.0075 mg/L).

Elevated TSS was measured at Site 5 as well as other monitoring locations within catchment on 12 and 15 January 2024. This is attributed to the commencement of monsoonal rainfall.

All other laboratory results for Site 5 during the April 2023 discharge event were compliant with the WDL concentration limits.

Licence condition 43 -	***Water quality management actions taken in the event of an exceedance.***

Heavy rainfall commenced on 12 January 2024, with nearly 1m of rain falling in the second half of the month. NTR managed site run off and maximised water treatment throughout to minimise any off-site impacts. We note that water quality from upstream was significantly lower quality that that discharged from Site 5, and that in some instances, poor upstream water quality influenced the water quality at Site 5, particularly TSS and Turbidity.

No additional water quality management actions are proposed.

As discussed with the NTEPA on several occasions previously, it would be appropriate to have a condition within the WDL to enable wet weather discharges or overflows to facilitate the rapid de-watering of site sediments ponds during heavy rainfall, which induces high flows in the East Finnis River and (generally) poor water quality flows from upstream of the premises, to ensure the sediment ponds can be operated within their design parameters. This would enable NTR to better prepare for subsequent heavy rainfall events in accordance with the design capacity of the site stormwater storages and the water treatment plant.

Please contact me on +61 437 690 958 or greg.molloy@ntresources.com.au if you require any further information.

Kind Regards

Greg Molloy

General Manager

Northern Territories Resources Pty Ltd

Our Ref: NTR-ENV-LET-106
4 March 2024

NT Environmental Protection Authority
Environmental Authorisations
c/-Sally-Anne Orchard/Cristina Rodriguez

Email: waste@nt.gov.au

Dear Sally-Anne and Cristina

WDL 177-10 – February 2024 Monthly Discharge Report as per Licence Condition 43

In accordance with WDL 177-10 condition 43, Northern Territories Resources Pty Ltd (NTR) submits the Monthly Discharge report for February 2024.

Relevant water quality parameters and metal concentrations were recorded during the period of discharge (see Tables 1 & 2)

Licence condition 43 - *Water quality data.*

Field water quality measurements were taken from the respective monitoring and compliance sites according to the requirements of Appendix 2 of the WDL once discharge commenced and/or there was flow at the monitoring sites.

The field monitoring results measured during February 2024 are shown in Table 1.

Table 1 Field monitoring results for February 2024

During discharge				Field						Inorganics
				Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (Field)	pH (Field)	Turbidity (Lab)
				°C	mg/L	mV	%	µS/cm	-	NTU
EQL										
WDL177-10 Trigger Levels								700	6.5-8.5	10
Location Code	**Date**	**Time**	**Sample Comments**							
GS200	**05 Feb 2024**	**9:45:00**	**depth= 1.63, colour= clear, flow=med**	29.1	3.59	230	47	18	6.62	3.6
GS200	**12 Feb 2024**	**8:37:00**	**depth= 1.68, colour= clear, flow=med**	28.3	3.86	186	47.2	162	6.69	6.7
GS200	**19 Feb 2024**	**10:00:00**	**depth= 1.74, colour= flow=med**	30.3	3.69	180	48.8	122	6.62	7
GS200	**26 Feb 2024**	**7:49:00**	**depth= 1.6 colour= clear, flow=med**	29	2.87	203	37.5	166	6.7	5.9
SITE1	**05 Feb 2024**	**8:28:00**	**colour= clear, flow= med, depth= .3**	29.7	4.26	225	55.3	254	6.51	4.3
SITE1	**12 Feb 2024**	**8:21:00**	**colour= clear, flow= med, depth= .3**	26.9	4.21	193	52.4	215	7.07	4.4
SITE1	**19 Feb 2024**	**9:45:00**	**colour= clear, flow= med, depth= .5**	31.1	4.11	187	53.9	144	7.23	6.1
SITE1	**26 Feb 2024**	**7:34:00**	**colour= clear, flow= med, depth= .3**	28.1	3.04	218	38.5	181	6.69	7.3
SITE2	**05 Feb 2024**	**9:52:00**	**dam gauge ht = .25, colour = clear**	30.9	3.66	149	49.3	253	7.24	1.2
SITE2	**12 Feb 2024**	**9:45:00**	**dam gauge ht = .28, colour = clear**	30	3.57	141	47.2	299	7.32	1
SITE2	**19 Feb 2024**	**9:05:00**	**dam gauge ht = .27, colour = clear**	31.8	3.97	130	53.4	279	7.27	6.4
SITE2	**26 Feb 2024**	**8:53:00**	**dam gauge ht = .28, colour = slight disc**	30.4	3.24	140	43.1	322	7.51	6.1
SITE4	**01 Feb 2024**	**7:30:00**	**Colour= clear, Clarity = clean, Flow= good, Depth= .1**	27.5	2.21	194	28.7	18.03	5.84	2.7
SITE4	**02 Feb 2024**	**7:15:00**	**Colour= clear, Clarity = clean, Flow=good, Depth= .9**	28.1	3.06	193.2	37.5	17.71	6.03	2.4
SITE4	**03 Feb 2024**	**7:20:00**	**Colour= clear, Clarity = clean, Flow= good, Depth= .6**	27.9	2.4	199.2	31	20.2	5.78	2.9
SITE4	**04 Feb 2024**	**7:05:00**	**Colour= clear, Flow= med, Depth= .2**	27.7	2.59	196	32.7	22.8	5.69	4.1
SITE4	**05 Feb 2024**	**9:38:00**	**Colour= clear, Flow= med, Depth= .2**	28.7	3.86	168	45.7	18.71	5.99	2.9
SITE4	**06 Feb 2024**	**7:00:00**	**Colour=clear, Clarity = cleart, Flow= low, Depth= .1 -.1**	27.2	3.27	201.8	40.7	24.9	5.67	2.1
SITE4	**07 Feb 2024**	**7:40:00**	**Colour= clear, Clarity = clear, Flow= low, Depth= .1**	28	3.05	200.6	27.7	22.7	5.69	1.8
SITE4	**08 Feb 2024**	**6:50:00**	**Colour = clear, clarity = clear, flow = low, depth = 0.1**	26.6	3.13	202.4	39.2	20.2	5.53	1.2
SITE4	**09 Feb 2024**	**10:55:00**	**Colour = crystal, clarity = clear, flow = v good, depth =**	31.1	4.23	142.4	41.7	41.1	5.62	3.6
SITE4	**10 Feb 2024**	**12:30:00**	**Colour = crystal, clarity = clear, flow = good, depth = 0**	30.1	3.94	146.1	52.1	17.75	5.84	1.4
SITE4	**11 Feb 2024**	**9:50:00**	**Colour = clear, clarity = crystal, flow = good, depth = 0.**	29.7	3.94	163.8	52.1	136.3	5.81	1.6
SITE4	**12 Feb 2024**	**9:28:00**	**Colour = clear, clarity = , flow = med, depth = 0.2**	27.6	3.49	170	44.1	19.4	5.97	1
SITE4	**13 Feb 2024**	**7:30:00**	**Colour = brownish, clarity = brownish, flow = med-fas**	25.7	3.78	152.4	48.8	16.88	5.48	16.6
SITE4	**14 Feb 2024**	**7:22:00**	**Colour = clear, clarity = clear , flow = med, depth = 0.2**	25.9	3.59	196.3	44	17.49	5.46	6
SITE4	**15 Feb 2024**	**7:09:00**	**Colour = clear, clarity = clear , flow = low - med, depth**	26.7	3.35	190.9	41.4	25.6	5.61	11.5
SITE4	**16 Feb 2024**	**6:56:00**	**Colour = clear, clarity = clear , flow = low, depth = .15**	27.7	3.08	177.4	38.7	18.87	5.87	1.2
SITE4	**17 Feb 2024**	**13:10:00**	**Colour = clear, clarity = clean, flow = yes, depth = 100**	32.1	4.05	162.7	56	15.33	6.05	0.6
SITE4	**18 Feb 2024**	**7:25:00**	**Colour = clear, clarity = clean , flow = good, depth = 10**	27.5	3.05	141.9	38.5	16.95	5.74	-0.4
SITE4	**19 Feb 2024**	**8:50:00**	**Colour = clear, clarity = , flow = med, depth = .25**	28.5	3.29	151	42.1	18.6	5.87	3
SITE4	**20 Feb 2024**	**8:20:00**	**Colour = clear, clarity = clean , flow = good, depth = 1**	28.2	3.25	125	41.2	17.11	6	4
SITE4	**21 Feb 2024**	**6:55:00**	**Colour = clear, clarity = clear , flow = low - med, depth**	27.5	2.98	2.9	41.3	20.46	5.43	3.8
SITE4	**22 Feb 2024**	**6:55:00**	**Colour = clear, clarity = clear , flow = low - med depth**	27.1	3.01	185	37.9	18.95	5.65	2.9
SITE4	**23 Feb 2024**	**6:51:00**	**Colour = clear, clarity = clear, flow = low, depth = .1**	27.5	2.77	192	36.1	22.7	5.54	2.5
SITE4	**24 Feb 2024**	**7:12:00**	**Colour = clear, clarity = clear , flow = low - med, depth**	28.1	2.52	193.2	32.7	31.3	5.63	3.6
SITE4	**25 Feb 2024**	**12:12:00**	**Colour = crystal, clarity = clear , flow = good, depth = .**	32.9	4.99	139.1	69.4	31.7	6.17	2.5
SITE4	**26 Feb 2024**	**8:39:00**	**Colour = clear, clarity = , flow = med, depth = .25**	27.7	2.8	170	35.3	19.3	6.04	3
SITE4	**27 Feb 2024**	**11:25:00**	**Colour = crystal, clarity = clear, flow = good, depth =**	29.8	3.92	139.4	52.4	22.6	5.66	3.2
SITE4	**28 Feb 2024**	**10:52:00**	**Colour = crystal, clarity = clear , flow = good depth = .2**	29.8	4.02	168.8	52.1	33.7	5.86	2.7
SITE4	**29 Feb 2024**	**9:13:00**	**Colour = clear, clarity = clear , flow = low depth = .1**	28.1	3.69	150.1	46.3	23.1	5.75	3.1
SITE5	**01 Feb 2024**	**7:15:00**	**Colour = clear Clarity = clean, flow = good, depth = .55**	28	2.19	200	27.2	158.4	6.53	2.1
SITE5	**02 Feb 2024**	**7:00:00**	**Colour = clear, Clarity = clean, flow = good, depth = 0.4**	28.5	266	185	32.1	147	6.65	2.8
SITE5	**03 Feb 2024**	**7:15:00**	**Colour = clear, clarity = clean, flow = good, depth = 0.4**	28.4	1.97	185.6	25	145.8	6.72	1.3
SITE5	**04 Feb 2024**	**6:40:00**	**Colour = clear, flow = med, depth = 0.42**	26.2	3.26	1,776	34.6	168	6.42	1.7
SITE5	**05 Feb 2024**	**8:06:00**	**Colour = clear, flow = med, depth = .44**	29	2.69	189	35.1	157	6.78	2.3
SITE5	**05 Feb 2024**	**9:06:00**	**colour = clear, flow=med, depth=0.44**	29	2.69	189	35.1	0.57	6.78	2.3
SITE5	**06 Feb 2024**	**7:17:00**	**Colour = clear, clarity = clear, flow =low-med, depth =**	28.4	2.74	182.2	35.2	150.2	6.79	1.9
SITE5	**07 Feb 2024**	**7:55:00**	**Colour = clear, clarity = clear, flow = low, depth = 0.41**	29	2.73	176.9	35	151.4	6.73	0.9
SITE5	**08 Feb 2024**	**7:06:00**	**Colour = clear, clarity = clear, flow = low - med, depth**	27.9	2.69	183.2	34.5	143.6	6.61	1.8
SITE5	**09 Feb 2024**	**11:10:00**	**Colour = brownish, clarity = murky, flow = good, dept**	31.1	3.59	147.6	48.1	117.4	6.53	6.8
SITE5	**10 Feb 2024**	**12:15:00**	**Colour = murky brown, clarity = clear, flow = good, de**	29.9	3.34	130.1	44.1	167.2	6.48	0.5
SITE5	**11 Feb 2024**	**10:06:00**	**Colour = crystal clean, clarity = clear, flow = good, dep**	29.7	3.03	164.5	39.3	166.4	6.55	2.7
SITE5	**12 Feb 2024**	**9:01:00**	**Colour = clear, clarity = , flow = med, depth = 0.5**	28.3	2.63	149	33.6	147	6.7	1.8
SITE5	**13 Feb 2024**	**8:04:00**	**Colour = brownish, clarity = brownish, flow = high, de**	25.5	5.01	170.1	65.3	36.2	6.68	30
SITE5	**14 Feb 2024**	**7:37:00**	**Colour = clear, clarity = clear , flow = med, depth = 85**	25.7	4.62	178	58.1	60.7	6.89	10.5
SITE5	**15 Feb 2024**	**7:25:00**	**Colour = clear, clarity = clear , flow = med depth = .62**	26.9	3.52	173.7	45.9	99	6.88	2.4
SITE5	**16 Feb 2024**	**7:23:00**	**Colour = clear clarity = clear , flow = med, depth = .51**	27.9	2.94	176.5	37	124.2	6.77	0.5
SITE5	**17 Feb 2024**	**13:00:00**	**Colour = clean, clarity = clear , flow = yes depth = .58**	30.7	2.88	156.6	37.9	146.4	6.7	0.2
SITE5	**18 Feb 2024**	**7:15:00**	**Colour = clear, clarity = clear , flow = good, depth = .5**	28.1	2.89	124.1	36.7	134.7	6.75	2.4
SITE5	**19 Feb 2024**	**8:19:00**	**Colour = clear, clarity = , flow = fast, depth = .50**	28.2	2.62	157	33.1	142	6.86	4.4
SITE5	**20 Feb 2024**	**8:10:00**	**Colour = clear, clarity = clean, flow = good, depth = 4.**	28.8	2.51	107.9	32.7	152.3	6.73	3.4
SITE5	**21 Feb 2024**	**7:19:00**	**Colour = clear, clarity = clear , flow = low - med depth**	28.4	2.88	136.8	36.6	149.5	6.8	3.1
SITE5	**22 Feb 2024**	**7:38:00**	**Colour = clear, clarity = clear , flow = med, depth = .47**	28.2	3.57	157.9	44.3	145.6	6.88	3.7
SITE5	**23 Feb 2024**	**7:05:00**	**Colour = clear clarity = clear, flow = low - med, depth**	28.9	2.54	151.3	33.1	156.2	6.83	2.5
SITE5	**24 Feb 2024**	**7:29:00**	**Colour = clear, clarity = clear, , flow = low - med, depth**	29.4	3.07	163.9	38.6	164.5	6.85	3.5
SITE5	**25 Feb 2024**	**12:26:00**	**Colour = crystal, clarity = clear, flow = good, depth = .4**	32.2	3.01	139.8	39.7	2	6.8	2.5
SITE5	**26 Feb 2024**	**8:10:00**	**Colour = clear, clarity = , flow = med, depth = .43**	28.7	2.59	150	33.4	191	6.88	2.3
SITE5	**27 Feb 2024**	**11:10:00**	**Colour = crystal, clarity = clear, flow = good depth = .4**	29.7	3.11	122.5	40.1	210.3	6.61	2.9
SITE5	**28 Feb 2024**	**11:06:00**	**Colour = crystal, clarity = clear , flow = good, depth = .4**	30.2	3.1	151.6	40.9	204.1	6.88	3.2
SITE5	**29 Feb 2024**	**9:28:00**	**Colour = clear, clarity = , flow = low - med, depth = .42**	29.4	3.11	137.4	41.2	206.8	6.91	1.5
TREAT01	**05 Feb 2024**	**10:04:00**	**colour = clear, treating,**	30.9	3.42	96.4	45.2	231	9.14	3
TREAT01	**12 Feb 2024**	**10:00:00**	**colour = clear, treating,**	30.9	3.42	96.4	45.2	231	9.14	3
TREAT01	**19 Feb 2024**	**9:20:00**	**colour = clear, treating,**	30.1	3.28	76	42.8	265	9.45	13.2
TREAT01	**26 Feb 2024**	**9:06:00**	**colour = clear, treating,**	30.2	3.49	83	46.1	349	9.5	9.5

Note: As per Note 5 in Table 2 Monitoring Requirements of WDL177-10, Trigger values for Turbidity and Total Suspended Solids are based on 80th percentile data from Site 4 from the 2020/21 and 2021/22 wet seasons. If trigger values are exceeded upstream of the compliance point (Site 4) on the date of sampling, exceedances at Site 5 do not count towards notifiable incidents specified at Item 10.

In excess of 170 mm of rainfall fell on the site from 12 February 2024 to the 14 February 2024. This caused elevated levels of turbidity (>10 NTU) to be measured at Site 4 on the 13 and 15 February 2024. Elevated levels of turbidity (>10 NTU) were measured at Site 5 on the following date when turbidity at Site 4 was less than 10 NTU:

- 14 February 2024 Site 5 NTU 10.5

It is likely that rainfall induced turbidity from upstream contributed to the elevated turbidity at Site 5 on the 14 February 2024.

Site 4 is upstream of the monitoring point at Site 5. During the entire duration of February 2024, pH at Site 4 was less than or equal to pH 6, indicating that acidic water was flowing in the creek upstream of the discharge point (Site 5). At the Site 2 monitoring location in the site sediment dam, pH measurements were in excess of pH 7 for the duration of February 2024, indicating that the pH of water discharged from the site via the Site 5 monitoring location was compliance with the WDL177-10 pH limits. However, a number of pH measurements less than the lower pH trigger level were recorded at Site 5 during February 2024. These include:

- 4 February 2024 Site 5 pH 6.42
- 10 February 2024 Site 5 pH 6.48

It is likely that the acidic discharge monitoring at Site 5 was, at least in part, attributed to acidic water flowing in the creek from Site 4. Regardless, the abovementioned instances will be noted as non-compliances in the Annual Report and Annual Return.

The level of the East Finnis River at GS200 is shown in Figure 1. As required by Item 9 (condition 23), GS200 was greater than 1.50m during discharge.

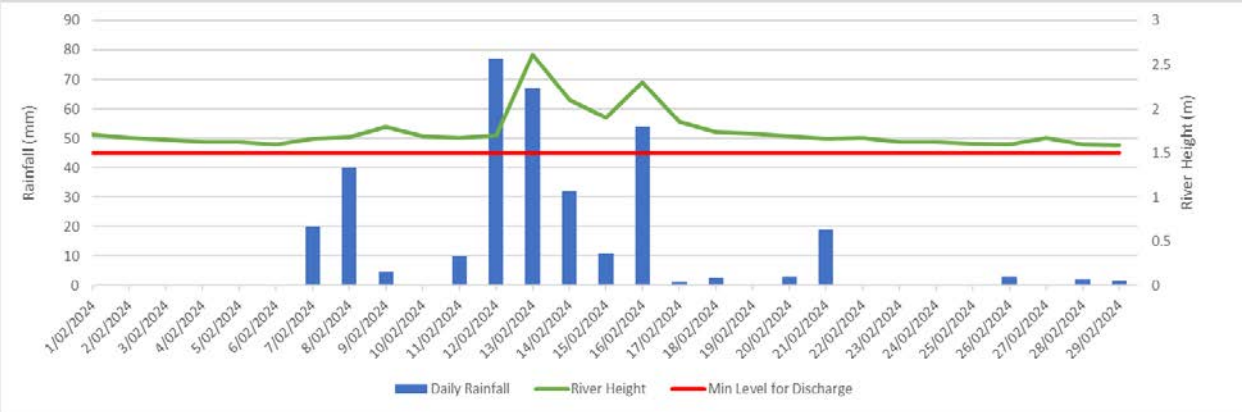


Figure 1 February 2024 rainfall and river height

The metals and inorganics concentrations for samples taken February 2024 are shown in Table 2.

Note 1: laboratory sample data has not been provided to NTR for samples collected on 26 February 2024 upon submission of this monthly report. These data will be provided in the monthly report for March 2024.

Note 2: the laboratory did not provide filtered zinc data for the sample collected on 19 February 2024. NTR has requested that the laboratory re-test this sample and provide this data. We note however that total zinc at Site 5 was less than the limit detection on that date, hence it must comply with the filtered zinc limit condition.

Table 2 Laboratory results for February 2024

		Inorganics									Metals																									
During discharge		Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)	Aluminium	Aluminium (filtered)	Cadmium	Cadmium (filtered)	Calcium	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Cobalt (filtered)	Copper	Copper (filtered)	Iron	Iron (filtered)	Lead	Lead (filtered)	Magnesium	Manganese	Manganese (filtered)	Nickel	Nickel (filtered)	Potassium	Uranium	Uranium (filtered)	Zinc	Zinc (filtered)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L
EQL		20	20	20	20	1	0.5	5	5	5	0.05	0.05	0.0002	0.0002	0.5	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	0.001	0.001	0.5	0.005	0.005	0.001	0.001	0.5	5	5	0.005	0.005
WDL177-10 Trigger Levels										6		0.08		0.0004			0.006		0.013		0.0025				0.0066			2.5		0.013					0.015
WDL177-10 Triple Trigger Levels										18		0.24		0.0012			0.018		0.039		0.0075				0.0198			7.5		0.039					0.045
Location Code	**Date**																																			
GS200	**05 Feb 2024**	270	<20	<20	270	2	2.2	65	65	5.6	0.22	<0.05	<0.0002	<0.0002	6	<0.001	<0.001	0.049	0.049	0.11	0.059	0.36	<0.05	<0.001	<0.001	12	0.17	0.17	0.046	0.046	<2	<5	<5	0.07	0.069
SITE1	**05 Feb 2024**	<20	<20	<20	<20	2.2	2.2	98	98	22	0.44	<0.05	0.00035	0.00035	8.4	<0.001	<0.001	0.073	0.072	0.22	0.13	0.32	<0.05	0.0015	<0.001	19	0.18	0.17	0.068	0.068	<2	6.9	<5	0.12	0.11
SITE2	**05 Feb 2024**	35	<20	<20	35	3.9	2.6	80	100	<5	<0.05	<0.05	<0.0002	<0.0002	15	<0.001	0.0013	0.004	0.0013	0.013	0.0053	0.052	<0.05	0.0045	<0.001	16	0.12	0.077	0.0081	0.0072	<2	<5	<5	0.0059	<0.005
SITE4	**05 Feb 2024**	<20	<20	<20	<20	1.8	2.5	<5	<5	<5	0.075	0.056	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.0014	0.0014	0.2	0.086	<0.001	<0.001	0.6	0.0078	0.0062	<0.001	<0.001	0.7	<5	<5	<0.005	<0.005
SITE5	**05 Feb 2024**	29	<20	<20	29	2.3	2.3	44	55	5.7	0.058	<0.05	<0.0002	<0.0002	7.3	<0.001	<0.001	<0.001	<0.001	0.0034	0.0025	0.33	0.072	0.001	<0.001	8.8	0.029	0.026	0.0012	0.0011	<2	<5	<5	<0.005	<0.005
SITE5	**05 Feb 2024**	950	<20	<20	950	2.6	2.5	41	56	<5	<0.05	<0.05	<0.0002	<0.0002	7.5	<0.001	<0.001	<0.001	<0.001	0.0035	0.0025	0.3	0.061	<0.001	<0.001	8.9	0.029	0.026	0.0012	0.0012	<2	<5	<5	<0.005	<0.005
TREAT01	**05 Feb 2024**	28	<20	<20	45	2.1	1.9	74	99	9.8	0.16	0.059	0.00028	<0.0002	16	<0.001	<0.001	0.063	0.0015	0.4	0.0064	<0.05	<0.05	0.12	0.055	14	0.1	<0.005	0.048	0.0017	<2	<5	<5	0.065	<0.005
GS200	**12 Feb 2024**	35	<20	<20	35	2.2	3.1	47	72	<5	0.2	<0.05	<0.0002	<0.0002	6.2	<0.001	<0.001	0.036	0.034	0.067	0.034	0.43	<0.05	0.0015	<0.001	14	0.13	0.13	0.034	0.032	0.76	<5	<5	0.051	0.045
SITE1	**12 Feb 2024**	39	<20	<20	39	2.2	2.8	56	82	<5	0.13	0.059	<0.0002	<0.0002	5.8	<0.001	<0.001	0.013	0.038	0.027	0.04	0.18	<0.05	<0.001	<0.001	16	0.041	0.12	0.012	0.034	0.7	<5	<5	0.021	0.055
SITE2	**12 Feb 2024**	57	<20	<20	57	2.6	3.9	90	140	<5	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.0034	0.0014	0.0047	0.0043	<0.05	<0.05	<0.001	<0.001	23	0.17	0.13	0.0081	0.0078	0.67	<5	<5	0.0054	<0.005
SITE4	**12 Feb 2024**	<20	<20	<20	<20	2.1	2.2	<5	<5	<5	0.075	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.0016	0.0016	0.19	0.084	<0.001	<0.001	0.66	0.0052	<0.005	<0.001	<0.001	0.8	<5	<5	0.0059	<0.005
SITE5	**12 Feb 2024**	52	<20	<20	52	2	3.6	33	67	5.6	<0.05	<0.05	<0.0002	<0.0002	8.5	<0.001	<0.001	<0.001	<0.001	0.0025	0.002	0.31	0.067	<0.001	<0.001	11	0.022	0.019	0.0011	0.0011	0.69	<5	<5	<0.005	<0.005
SITE5	**12 Feb 2024**	35	<20	<20	35	2.3	3.5	34	67	<5	0.056	<0.05	<0.0002	<0.0002	8.4	<0.001	<0.001	<0.001	<0.001	0.012	0.0021	0.34	0.089	<0.001	<0.001	11	0.023	0.019	0.0011	0.0011	0.68	<5	<5	0.0086	<0.005
TREAT01	**12 Feb 2024**	<20	61	<20	79	2.8	3.3	92	150	7.9	<0.05	<0.05	<0.0002	<0.0002	16	<0.001	<0.001	0.019	<0.001	0.08	0.0016	<0.05	<0.05	0.021	<0.001	27	0.099	<0.005	0.017	<0.001	0.73	<5	<5	0.038	<0.005
GS200	**19 Feb 2024**	37	<20	<20	37	2	2.4	36	50	<5	0.2	<0.05	<0.0002	<0.0002	4.7	<0.001	<0.001	0.032	0.03	0.075	0.044	0.39	0.05	0.001	<0.001	8.4	0.11	0.11	0.032	0.03	0.6	<5	<5	0.041	missing
SITE1	**19 Feb 2024**	35	<20	<20	35	1.8	2.2	44	57	38	0.44	0.05	0.0002	0.0002	4.6	<0.001	<0.001	0.038	0.036	0.13	0.071	0.32	<0.05	0.003	<0.001	10	0.1	0.095	0.038	0.034	0.6	<5	<5	0.06	
SITE2	**19 Feb 2024**	67	<20	<20	67	2.3	3.8	88	120	<5	<0.05	<0.05	<0.0002	<0.0002	15	<0.001	<0.001	0.009	0.004	0.017	0.005	0.09	<0.05	0.009	<0.001	20	0.26	0.2	0.012	0.01	0.7	<5	<5	0.009	
SITE4	**19 Feb 2024**	<20	<20	<20	<20	2.4	1.9	<5	<5	<5	0.06	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.23	0.1	<0.001	<0.001	0.6	0.008	0.008	<0.001	<0.001	0.7	<5	<5	<0.005	
SITE5	**19 Feb 2024**	50	<20	<20	50	1.8	2.9	33	54	<5	0.06	<0.05	<0.0002	<0.0002	6.5	<0.001	<0.001	<0.001	<0.001	0.015	0.002	0.32	0.08	<0.001	<0.001	9.2	0.02	0.016	<0.001	<0.001	0.6	<5	<5	<0.005	
SITE5	**19 Feb 2024**	46	<20	<20	46	2	3	33	51	<5	<0.05	<0.05	<0.0002	<0.0002	6.3	<0.001	<0.001	<0.001	<0.001	0.003	0.002	0.31	0.07	<0.001	<0.001	8.6	0.019	0.016	<0.001	<0.001	0.6	<5	<5	<0.005	
TREAT01	**19 Feb 2024**	43	33	<20	77	2.6	2.6	74	120	12	<0.05	<0.05	<0.0002	<0.0002	15	<0.001	<0.001	0.025	<0.001	0.14	0.003	<0.05	<0.05	0.036	0.004	20	0.075	<0.005	0.021	0.002	0.6	<5	<5	0.028	

No non-compliances of the Site 5 discharge limits occurred for laboratory measured metals during February 2024.

Notes on sample data
1: Trigger Values only apply to Site 5 during discharge.
2: We note that the water quality at GS200, Site 1 and Site 4 is considerably worse that at Site 5, indicating that water quality from the discharge point was having negligible impact on the East Finnis River.

Licence condition 43 - Flow data from DAMOUT1 at the flow meter.

Flow meter readings at Site 2.

Discharge was occurring from Site 5 in one event from 1 February 2024– 29 February 2024 with a total discharge of 294.131 ML. Discharge is continuing.

Licence condition 3 - Date, time and duration of each discharge event.

Event 1

Start Date: 1 February 2024

Time start: 00:00 hours

End Date: 29 February 2024

Time End: 16:37 hours

Duration of event: 28 days, 16 hours, 37 mins

Discharge volume: 294,131 m^3

Licence condition 43 - Summary of water inventory.

The Site water inventory as follows:

Total water treated February 2024: **170 ML**
Total water discharged February 2024: **294 ML**
Total water used for dust suppression for February 2024: **0 m^3**
Total rainfall for February 2024: **348 mm**

Pond name	Gauge Height (1/2/2024)	Gauge Height (29/2/2024)
Sed dam	0.29	0.28
Pit level	58.0	57.84
BSS	1.64	0.71
PAF	1.82	0.93
SP3	3.08	2.24
SRO	0.95	0.58

Licence condition 43 - A summary of any trigger value exceedances for the month.

The WDL trigger values for pH and EC measured at Site 5 exceeded on a three occasions during February 2024. However, pH at Site 4 was less than 6 for the entire month and the pH non-compliances at Site 5 was less than 0.1 pH unit from the lower trigger value. Similarly, heavy rainfall induced turbidity was between 12-14 February 2024 at Site 4, contributing to the turbidity non-compliance of 10.5 NTU at Site 5 on 14 February 2024. This non-compliance was 0.5 NTU in excess of the trigger value and exceedingly minor in comparison to other rainfall induced turbidity measured at Site 4.

Licence condition 43 - Water quality management actions taken in the event of an exceedance.

NTR managed site run off and maximised water treatment throughout to minimise any off-site impacts during February 2024. We note that water quality from upstream was significantly lower quality that that discharged from Site 5, and that in some instances, poor upstream water quality influenced the water quality at Site 5, particularly turbidity and pH.

No additional water quality management actions are proposed.

Please contact me on +61 437 690 958 or greg.molloy@ntresources.com.au if you require any further information.

Kind Regards

Greg Molloy

General Manager

Northern Territories Resources Pty Ltd

Our Ref: NTR-ENV-LET-107
2 April 2024

NT Environmental Protection Authority
Environmental Authorisations
c/-Sally-Anne Orchard/Cristina Rodriguez

Email: waste@nt.gov.au

Dear Sally-Anne and Cristina

WDL 177-10 – March 2024 Monthly Discharge Report as per Licence Condition 43

In accordance with WDL 177-10 condition 43, Northern Territories Resources Pty Ltd (NTR) submits the Monthly Discharge report for March 2024.

Relevant water quality parameters and metal concentrations were recorded during the period of discharge (see Tables 1 & 2)

Licence condition 43 - *Water quality data.*

Field water quality measurements were taken from the respective monitoring and compliance sites according to the requirements of Appendix 2 of the WDL once discharge commenced and/or there was flow at the monitoring sites.

The field monitoring results measured during March 2024 are shown in Table 1.

Table 1 Field monitoring results for March 2024

During discharge				Field						Inorganics
				Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (Field)	pH (Field)	Turbidity (Lab)
				°C	mg/L	mV	%	µS/cm	-	NTU
EQL										
WDL177-10 Trigger Levels								700	6.5-8.5	10
Location Code	**Date**	**Time**	**Sample Comments**							
GS200	04 Mar 2024	10:40:00	depth= 1.69, colour= disc, flow= med	29.5	3.54	165	45.2	151	6.92	18
GS200	11 Mar 2024	8:33:00	depth= 2, colour= slight disc, flow= fast	27.1	3.84	150	48.7	76.1	6.54	16.9
GS200	18 Mar 2024	8:18:00	colour= clear, flow= med, depth = 1.65	27.8	3.9	174	5	158	6.65	7.7
GS200	25 Mar 2024	8:16:00	colour= clear, flow= med, depth = 1.67	28.1	3.09	183	39.9	135	6.57	2.5
SITE1	04 Mar 2024	9:03:00	colour= clear, flow= med, depth= .3	27.7	3.88	174	507	128	7.42	7.6
SITE1	11 Mar 2024	8:19:00	colour= disc, flow= fast, depth= 1.5	26.9	3.22	135	40.8	59.5	6.9	17.7
SITE1	18 Mar 2024	8:00:00	colour= clear, flow= med, depth= .3	27.4	3.68	1,798	46.2	171	7.13	6.1
SITE1	25 Mar 2024	7:49:00	colour= clear, flow= med, depth= .3	28.1	3.92	192	49.8	141	6.71	3.7
SITE2	04 Mar 2024	8:08:00	dam gauge ht = .28, colour = clear	30.4	3.06	176	40.3	346	7.72	7.5
SITE2	11 Mar 2024	9:40:00	dam gauge ht = .29, colour = slight disc	29.9	3.18	107	42.1	324	7.93	11.7
SITE2	18 Mar 2024	9:28:00	dam gauge ht = .27, colour = clear	29.7	3.22	108	42.7	323	7.85	9.6
SITE2	25 Mar 2024	9:33:00	dam gauge ht = .27, colour = clear	31.2	2.99	104	41.3	309	7.75	3.1
SITE4	01 Mar 2024	7:17:00	Colour= clear, Clarity = clear, Flow= low, Depth= .1	27.4	3.18	154.9	38.8	19.6	5.72	2.8
SITE4	02 Mar 2024	6:51:00	Colour= clear, Clarity = clear, Flow= low, Depth= .1	27.4	2.34	195.1	28.5	20.1	5.63	2.8
SITE4	03 Mar 2024	6:58:00	Colour= clear, Clarity = clear, Flow= low, Depth= .1	27.3	3.04	184.1	37.2	21.3	5.68	2.4
SITE4	04 Mar 2024	7:51:00	Colour= clear, Flow= med, Depth= .15	27	3.14	163	39	23.1	5.76	3.5
SITE4	05 Mar 2024	7:40:00	Colour= clear, clarity = clean, Flow= good, Depth= .5	27.6	2.06	133.8	26.1	19.21	5.86	2.4
SITE4	06 Mar 2024	7:40:00	Colour=clear, Clarity = clean, Flow= good, Depth= .5	27.7	2.66	146	33.9	19.16	5.91	2.3
SITE4	07 Mar 2024	9:30:00	Colour= clear, Clarity = clean, Flow= good, Depth= 100	26.9	2.52	167.9	31.8	16.34	5.98	5.7
SITE4	08 Mar 2024	7:55:00	Colour = clear, clarity = clear, flow = steady, depth = 0.	27	3.21	121.6	43.5	17.92	5.95	2
SITE4	09 Mar 2024	9:20:00	Colour = clear, clarity = clear, flow = steady, depth = 0	27.9	3.38	136.1	46.2	17.02	6.21	2.6
SITE4	10 Mar 2024	8:15:00	Colour = clear, clarity = clear, flow = steady, depth = 0	27.5	3.71	143.7	49.4	16.14	6.08	2.9
SITE4	11 Mar 2024	9:26:00	Colour = clear, clarity = flow = fast, depth = 0.2	27	3.27	168	41.8	17.2	5.93	6
SITE4	12 Mar 2024	11:28:00	Colour = crystal, clarity = clear, flow = good, depth = 0.	28.6	3.51	163.3	44.2	42.2	5.97	6.1
SITE4	13 Mar 2024	11:10:00	Colour = crystal clarity = clear, flow = good, depth = 0.2	27.9	3.75	132.6	47.8	50.3	5.58	5.8
SITE4	14 Mar 2024	10:45:00	Colour = crystal, clarity = clear , flow = good, depth =	27.5	3.36	120.1	41.9	55.6	5.76	4.7
SITE4	15 Mar 2024	11:22:00	Colour = crystal, clarity = clear , flow = good, depth = .	27.4	3.14	144.6	39.4	22.19	5.69	4.3
SITE4	16 Mar 2024	7:20:00	Colour = clear, clarity = clear , flow = low, depth = .15	26.3	3.57	126.3	43	18.84	5.41	4.4
SITE4	17 Mar 2024	7:29:00	Colour = clear, clarity = clear, flow = low, depth = .1	26.8	3.29	161.7	39.2	24.3	5.73	4.6
SITE4	18 Mar 2024	9:14:00	Colour = clear, clarity = , flow = med, depth = .2	27.9	3.45	160	43.9	24	5.95	5
SITE4	19 Mar 2024	7:20:00	Colour = clear, clarity = clear, flow = med, depth = .2	26.9	2.62	187	33.4	20.14	5.7	4.9
SITE4	20 Mar 2024	8:45:00	Colour = clear, clarity = clean , flow = good, depth = 5	26.8	2.44	136.7	30.8	20.5	5.7	5
SITE4	21 Mar 2024	10:10:00	Colour = clear, clarity = clean , flow = good, depth = 20	25.9	3.01	161.9	37.5	11.46	5.55	9.9
SITE4	22 Mar 2024	11:15:00	Colour = clear, clarity = clean , flow = good, depth = .7	28.5	3.77	122.8	49.1	17.4	5.86	6.1
SITE4	23 Mar 2024	7:25:00	Colour = clear, clarity = clean, flow = good, depth = .5	27.1	2.24	133.1	27.5	21.6	5.77	5.2
SITE4	24 Mar 2024	7:55:00	Colour = clear, clarity = clear , flow = steady, depth = .1	26.7	3.22	125	35.7	16.72	5.96	4.2
SITE4	25 Mar 2024	9:17:00	colour= clear, flow= med, depth= 0.2	27.6	3.45	154	44.1	18.5	6.07	1.8
SITE4	26 Mar 2024	8:10:00	Colour = clear, clarity = clear, flow = steady, depth = .1	26.6	2.35	127	29.9	18.38	5.9	0.7
SITE4	27 Mar 2024	7:50:00	Colour = clear, clarity = clear, flow = steady, depth =	27.1	2.42	123.2	29.4	17.23	6.03	1
SITE4	28 Mar 2024	10:54:00	Colour = crystal, clarity = clear , flow = good depth = .2	27.8	3.94	135.6	51.2	44.1	5.58	2.1
SITE4	29 Mar 2024	10:17:00	Colour = clear, clarity = clear , flow = good, depth = .25	28.2	2.98	122.6	37.4	38.4	5.95	0.8
SITE4	30 Mar 2024	9:44:00	Colour = clear, clarity = clear , flow = good, depth = .23	27.1	3.24	120.2	40.6	42.8	5.66	0.6
SITE4	31 Mar 2024	11:57:00	Colour = clear, clarity = clear , flow = good, depth = .26	29.3	3.62	123.7	47.9	70.5	5.96	0.7
SITE5	01 Mar 2024	7:33:00	Colour = clear Clarity = clear, flow = low - med, depth	28.7	2.42	129.1	32.3	212	6.91	5.7
SITE5	02 Mar 2024	7:07:00	Colour = clear, Clarity = clear, flow = low - med, depth	29.1	2.71	137.3	35.6	217	6.89	1.6
SITE5	03 Mar 2024	7:13:00	Colour = clear, clarity = clear, flow = low - med, depth	29.1	2.71	155.1	35.2	224	7.01	1.6
SITE5	04 Mar 2024	10:54:00	Colour = clear, flow = fast, depth = 0.47	29.5	3.19	131	41.9	239	7.02	3.7
SITE5	05 Mar 2024	7:30:00	Colour = clear, clarity = clean, flow = good, depth = 1.4	29	2.26	99.1	28.8	227	6.83	1.8
SITE5	06 Mar 2024	7:30:00	Colour = clear, clarity = clean, flow = good, depth = 0.4	28.8	2.42	114	31.2	195.4	7	2.4
SITE5	07 Mar 2024	9:15:00	Colour = clear, clarity = clean, flow = good, depth = .5	27.4	2.52	145.2	31.4	139.2	6.87	10.3
SITE5	08 Mar 2024	7:40:00	Colour = clear, clarity = clear, flow = steady, depth = 0.	28.2	2.57	105.5	32.3	205	6.53	1.8
SITE5	09 Mar 2024	9:10:00	Colour = clear, clarity = clear, flow = steady, depth = 0	29.1	2.46	124.4	32.5	215	6.85	1.7
SITE5	10 Mar 2024	8:05:00	Colour = clear, clarity = clear, flow = steady, depth = 0	28.4	2.24	128.4	28.7	190.2	6.77	1.8
SITE5	11 Mar 2024	8:56:00	Colour = clear, clarity = flow = fast, depth = 0.65	27	3.12	137	39.6	115	6.85	11.8
SITE5	12 Mar 2024	11:44:00	Colour = murky, clarity = average, flow = good depth =	28.6	3.43	132.3	44.1	126.1	6.92	8.3
SITE5	13 Mar 2024	11:25:00	Colour = crystal, clarity = clear, flow = good, depth = .4	28.2	2.82	136.5	36.1	164.6	6.81	6.2
SITE5	14 Mar 2024	11:02:00	Colour = crystal, clarity = clear , flow = good, depth = .4	27.6	2.71	133.5	34.6	164.1	6.84	5.7
SITE5	15 Mar 2024	11:36:00	Colour = clean, clarity = clear , flow = good, depth = .49	27.7	2.34	127.8	29.9	163.2	6.76	5.7
SITE5	16 Mar 2024	7:33:00	Colour = clear, clarity = clear , flow = low-med, depth =	26.7	3.29	113	43.9	163.4	6.76	4.5
SITE5	17 Mar 2024	7:43:00	Colour = clear, clarity = clear , flow = low - med, depth	27.5	2.52	119.6	31	176.8	6.83	4
SITE5	18 Mar 2024	8:42:00	Colour = clear, clarity = , flow = med, depth = .45	28.2	2.71	145	35	189	6.84	4.8
SITE5	19 Mar 2024	7:35:00	Colour = clear, clarity = clear , flow = med, depth = 44	27.7	2.36	148	29.9	184	6.75	3.9
SITE5	20 Mar 2024	8:30:00	Colour = clear, clarity = clean, flow = good, depth = .45	27.5	2.87	116	36.1	189.8	6.63	3.7
SITE5	21 Mar 2024	9:55:00	Colour = cloudy, ligfht green, clarity = cloudy , flow = g	26	2.73	148.2	34.3	66.2	6.2	20.6
SITE5	22 Mar 2024	11:00:00	Colour = clear, clarity = clean , flow = good, depth = .5	28.3	2.96	138.2	37.6	163.3	6.75	4.2
SITE5	23 Mar 2024	7:15:00	Colour = clear clarity = clean, flow = good, depth = .4	138.2	1.99	138.6	25.2	163.3	6.59	4.6
SITE5	24 Mar 2024	7:40:00	Colour = clear, clarity = clear, , flow = steady, depth =	27.3	2.74	137.3	37.4	149.6	6.62	4.2
SITE5	25 Mar 2024	8:42:00	colour = clear, flow= med, depth= 0.46	28.1	2.26	145	29	165	6.88	1.3
SITE5	26 Mar 2024	7:50:00	Colour = clear, clarity = clear , flow = steady, depth = .4	27.7	1.9	107.6	25	177.8	6.4	0.6
SITE5	27 Mar 2024	7:40:00	Colour = clear, clarity = clear, flow = steady, depth = .	28.2	1.81	109.2	23.3	180.3	6.69	9.3
SITE5	28 Mar 2024	11:10:00	Colour = clean, clarity = clear , flow = good, depth = .47	29.1	2.86	129.3	37.4	165.8	6.83	1.1
SITE5	29 Mar 2024	10:31:00	Colour = clean, clarity = clear , flow = good, depth = .44	29.9	3.01	130.4	39.4	176.3	6.72	0.5
SITE5	30 Mar 2024	10:00:00	Colour = clear, clarity = clear , flow = good, depth = .43	28	2.64	129.1	34.2	189.4	6.75	2.3
SITE5	31 Mar 2024	12:10:00	Colour = clear, clarity = clear , flow = good, depth = .46	30.2	2.66	124.7	34.8	134.6	6.71	2.1
TREAT01	04 Mar 2024	8:23:00	colour = clear, treating,	30.1	3.36	99	44.5	359	9.39	9.1
TREAT01	11 Mar 2024	7:57:00	colour = clear, treating,	28.5	3.67	94.6	47.3	285	9.28	11
TREAT01	18 Mar 2024	9:42:00	colour = clear, treating,	29.2	3.49	57	48	342	9.62	5.8
TREAT01	25 Mar 2024	9:46:00	colour = clear, treating,	30	309	55	41	322	9.47	4.6

Note: As per Note 5 in Table 2 Monitoring Requirements of WDL177-10, Trigger values for Turbidity and Total Suspended Solids are based on 80th percentile data from Site 4 from the 2020/21 and 2021/22 wet seasons. If trigger values are exceeded upstream of the compliance point (Site 4) on the date of sampling, exceedances at Site 5 do not count towards notifiable incidents specified at Item 10.

In excess of 100 mm of rainfall fell on the site from 6 March 2024 to the 11 March 2024, with an additional 70mm rainfall falling on 20 and 21 March 2024. This caused elevated levels of turbidity (>10 NTU) to be measured at Site 5 on the 7,11 and 21 February 2024. Elevated levels of turbidity (>10 NTU) were measured at Site 5 on the following date when turbidity at Site 4 was less than 10 NTU:

- 7 March 2024 Site 5 NTU 10.4
- 11 March 2024 Site 5 NTU 11.6
- 21 March 2024 Site 5 NTU 20.6

Site 4 is upstream of the monitoring point at Site 5. During the entire duration of March 2024, pH at Site 4 was less than or equal to pH 6, indicating that acidic water was flowing in the creek upstream of the discharge point (Site 5). At the Site 2 monitoring location in the site sediment dam, pH measurements were in excess of pH 7 for the duration of March 2024, indicating that the pH of water discharged from the site via the Site 5 monitoring location was compliance with the WDL177-10 pH limits. However, a number of pH measurements less than the lower pH trigger level were recorded at Site 5 during March 2024. These include:

- 21 March 2024 Site 5 pH 6.2
- 26 March 2024 Site 5 pH 6.4

It is likely that the acidic discharge monitoring at Site 5 was, at least in part, attributed to acidic water flowing in the creek from Site 4. Regardless, the abovementioned instances will be noted as non-compliances in the Annual Report and Annual Return.

The level of the East Finnis River at GS200 is shown in Figure 1. As required by Item 9 (condition 23), GS200 was greater than 1.50m during discharge.

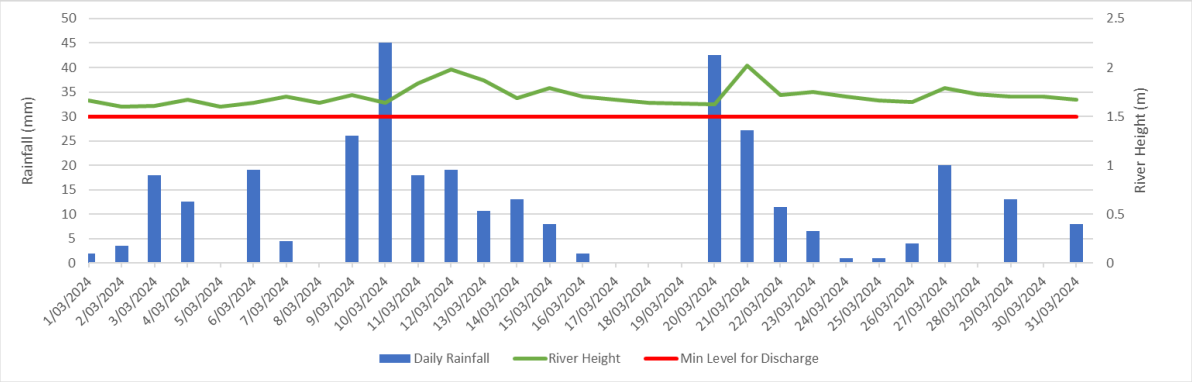


Figure 1 March 2024 rainfall and river height

The metals and inorganics concentrations for samples taken March 2024 are shown in Table 2.

Note 1: laboratory sample data has not been provided to NTR for samples collected on 25 March 2024 upon submission of this monthly report. These data will be provided in the monthly report for April 2024.

Table 2 Laboratory results for March 2024

		Inorganics									Metals																									
During discharge		Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)	Aluminium	Aluminium (filtered)	Cadmium	Cadmium (filtered)	Calcium	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Cobalt (filtered)	Copper	Copper (filtered)	Iron	Iron (filtered)	Lead	Lead (filtered)	Magnesium	Manganese	Manganese (filtered)	Nickel	Nickel (filtered)	Potassium	Uranium	Uranium (filtered)	Zinc	Zinc (filtered)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L
EQL		20	10	20	20	1	0.5	5	5	5	0.05	0.05	0.0002	0.0002	0.5	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	0.001	0.001	0.5	0.005	0.005	0.001	0.001	0.5	5	5	0.005	0.005
WDL177-10 Trigger Levels										6		0.08		0.0004			0.006		0.013		0.0025				0.0066			2.5		0.013					0.015
WDL177-10 Triple Trigger Levels										18		0.24		0.0012			0.018		0.039		0.0075				0.0198			7.5		0.039					0.045
Location Code	**Date**																																			
GS200	**26 Feb 2024**	<20	<20	<20	<20	2.5	3.4	48	64	<5	0.18	<0.05	<0.0002	<0.0002	5.9	<0.001	<0.001	0.044	0.038	0.081	0.039	0.33	<0.05	<0.001	<0.001	12	0.15	0.13	0.041	0.035	0.67	<5	<5	0.06	0.05
SITE1	**26 Feb 2024**	24	<20	<20	24	9.1	2.8	51	80	<5	0.27	0.054	0.00026	0.00025	6.2	<0.001	<0.001	0.045	0.042	0.12	0.065	0.25	<0.05	<0.001	<0.001	16	0.12	0.11	0.041	0.038	0.72	5	<5	0.068	0.064
SITE2	**26 Feb 2024**	70	<20	<20	70	3	4.2	96	150	<5	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.0091	0.0039	0.018	0.0055	0.067	<0.05	0.0079	<0.001	26	0.24	0.17	0.0096	0.0074	0.7	<5	<5	0.0085	0.0052
SITE4	**26 Feb 2024**	<20	<20	<20	<20	2.7	2.4	<5	<5	<5	0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.2	0.066	<0.001	<0.001	0.66	0.0054	<0.005	<0.001	<0.001	0.68	<5	<5	<0.005	<0.005
SITE5	**26 Feb 2024**	50	<20	<20	50	4	3.7	46	89	<5	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	<0.001	<0.001	0.0025	0.0016	0.24	<0.05	<0.001	<0.001	15	0.031	0.026	0.0011	<0.001	0.6	<5	<5	<0.005	<0.005
SITE5	**26 Feb 2024**	57	<20	<20	57	2.1	3.6	43	86	<5	<0.05	<0.05	<0.0002	<0.0002	10	<0.001	<0.001	<0.001	<0.001	0.0025	0.0016	0.24	<0.05	<0.001	<0.001	15	0.03	0.026	0.0011	0.001	0.6	<5	<5	<0.005	<0.005
TREAT01	**26 Feb 2024**	31	75	<20	110	3.5	4	100	180	11	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.0035	<0.001	0.017	0.0027	<0.05	<0.05	0.0076	<0.001	33	0.093	<0.005	0.013	0.0025	0.76	<5	<5	0.019	<0.005
GS200	**04 Mar 2024**	21	<10	<20	21	1.9	4.1	41	67	11	0.25	<0.05	<0.0002	<0.0002	6.3	<0.001	<0.001	0.035	0.031	0.059	0.027	0.47	<0.05	0.008	<0.001	12	0.14	0.12	0.035	0.03	0.8	<5	<5	0.045	0.038
SITE 1	**04 Mar 2024**	24	<10	<20	24	1.7	2.5	31	50	10	0.28	0.06	<0.0002	<0.0002	3.8	<0.001	<0.001	0.024	0.022	0.054	0.033	0.33	0.06	0.002	<0.001	9.9	0.075	0.068	0.023	0.02	0.7	<5	<5	0.037	0.035
SITE 2	**04 Mar 2024**	57	<10	<20	57	2.7	5.2	100	190	8	<0.05	<0.05	<0.0002	<0.0002	21	<0.001	<0.001	0.012	0.004	0.024	0.005	0.09	<0.05	0.013	<0.001	32	0.25	0.14	0.01	0.006	0.7	<5	<5	0.011	0.011
SITE 4	**04 Mar 2024**	<20	<10	<20	<20	2.4	2.5	<5	<5	7	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.19	0.08	<0.001	<0.001	0.7	<0.005	<0.005	<0.001	<0.001	0.9	<5	<5	<0.005	<0.005
SITE5	**04 Mar 2024**	57	<10	<20	57	3.8	4.7	55	110	7	<0.05	<0.05	<0.0002	<0.0002	13	<0.001	<0.001	0.001	<0.001	0.002	0.001	0.27	<0.05	<0.001	<0.001	19	0.032	0.025	0.001	<0.001	1	<5	<5	<0.005	<0.005
SITE5	**04 Mar 2024**	38	<10	<20	38	3.1	4.8	57	110	6	<0.05	<0.05	<0.0002	<0.0002	13	<0.001	<0.001	0.001	<0.001	0.002	0.001	0.27	<0.05	<0.001	<0.001	20	0.033	0.025	0.001	0.001	1	<5	<5	<0.005	0.028
TREAT01	**04 Mar 2024**	50	50	<20	100	2.9	4.7	110	200	8	<0.05	<0.05	<0.0002	<0.0002	19	<0.001	<0.001	0.002	<0.001	0.012	0.002	<0.05	<0.05	0.004	<0.001	38	0.031	<0.005	0.01	0.004	0.7	<5	<5	0.017	<0.005
GS200	**11 Mar 2024**	21	<10	<20	21	1.8	1.9	18	28	5.1	0.13	<0.05	<0.0002	<0.0002	2.5	<0.001	<0.001	0.013	0.012	0.031	0.019	0.29	0.1	<0.001	<0.001	5.4	0.052	0.046	0.012	0.012	0.59	<5	<5	0.018	0.016
SITE 1	**11 Mar 2024**	<20	<10	<20	<20	1.4	1.7	8.9	19	14	0.25	<0.05	<0.0002	<0.0002	1.4	<0.001	<0.001	0.0067	0.0059	0.028	0.016	0.44	0.094	0.0016	<0.001	3.8	0.029	0.025	0.0064	0.0052	0.65	<5	<5	0.014	0.011
SITE 2	**11 Mar 2024**	54	<10	<20	54	9.2	4.3	110	160	<5	<0.05	<0.05	<0.0002	<0.0002	17	<0.001	<0.001	0.011	<0.001	0.022	0.0045	0.083	<0.05	0.012	<0.001	28	0.16	0.0072	0.0086	0.0049	0.55	<5	<5	0.013	<0.005
SITE 4	**11 Mar 2024**	<20	<10	<20	<20	1.5	1.5	<5	<5	<5	0.052	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.15	0.073	<0.001	<0.001	0.53	<0.005	<0.005	<0.001	<0.001	0.64	<5	<5	<0.005	<0.005
SITE5	**11 Mar 2024**	26	<10	<20	26	1.7	2.5	25	45	<5	0.082	<0.05	<0.0002	<0.0002	5.1	<0.001	<0.001	<0.001	<0.001	0.0024	0.0016	0.34	0.09	<0.001	<0.001	7.9	0.013	0.008	<0.001	<0.001	0.5	<5	<5	<0.005	<0.005
SITE5	**11 Mar 2024**	28	<10	<20	28	1.9	2.6	24	46	<5	0.11	<0.05	<0.0002	<0.0002	5.2	0.0014	<0.001	<0.001	<0.001	0.0022	0.0011	0.4	0.091	0.0014	<0.001	8.1	0.014	0.0078	0.0013	<0.001	<0.5	<5	<5	<0.005	<0.005
TREAT01	**11 Mar 2024**	55	<10	<20	62	3.2	2.7	84	140	16	<0.05	<0.05	<0.0002	<0.0002	17	0.0018	<0.001	0.018	<0.001	0.057	0.0031	0.055	<0.05	0.031	0.0023	23	0.07	<0.005	0.015	0.0012	0.57	<5	<5	0.024	<0.005
SITE1	**18 Mar 2024**	29	<10	<20	29	17	3	41	60	<5	0.23	<0.05	<0.0002	<0.0002	4.6	<0.001	<0.001	0.031	0.029	0.092	0.054	0.24	<0.05	<0.001	<0.001	12	0.094	0.087	0.028	0.026	0.7	<5	<5	0.045	0.042
SITE2	**18 Mar 2024**	62	<10	<20	62	4	4.7	110	160	<5	<0.05	<0.05	<0.0002	<0.0002	19	<0.001	<0.001	0.005	<0.001	0.015	0.005	0.07	<0.05	0.007	<0.001	27	0.058	<0.005	0.006	0.004	0.8	<5	<5	0.01	<0.005
SITE4	**18 Mar 2024**	<20	<10	<20	<20	2.5	2.3	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.2	0.08	<0.001	<0.001	0.6	0.006	<0.005	<0.001	<0.001	0.8	<5	<5	<0.005	<0.005
SITE5	**18 Mar 2024**	44	<10	<20	44	2.1	3.9	47	83	<10	<0.05	<0.05	<0.0002	<0.0002	9.5	<0.001	<0.001	<0.001	<0.001	0.003	0.002	0.3	<0.05	0.001	<0.001	14	0.031	0.021	0.001	<0.001	0.7	<5	<5	0.019	<0.005
SITE5	**18 Mar 2024**	45	<10	<20	45	2.2	3.8	47	81	<5	<0.05	<0.05	<0.0002	<0.0002	9.4	<0.001	<0.001	<0.001	<0.001	0.002	0.002	0.22	<0.05	<0.001	<0.001	14	0.03	0.021	<0.001	<0.001	0.7	<5	<5	<0.005	<0.005
TREAT01	**18 Mar 2024**	<20	57	<20	74	24	3.8	120	170	14	<0.05	<0.05	<0.0002	<0.0002	21	<0.001	<0.001	0.052	0.002	0.45	0.008	<0.05	<0.05	0.036	0.007	29	0.052	<0.005	0.035	0.002	0.8	<5	<5	0.02	<0.005

A measurement of 7 mg/L for TSS for a sample collected on 4 March 2024 was recorded. This corresponds to a period of heavy rainfall. TSS at Site 7 was also 7 mg/L on that date.

A measurement of 0.028 mg/L for filtered zinc for a sample collected on 4 March 2024 appears to be in error, given the unfiltered zinc measurement on the same sample was <0.005 mg/L. The duplicate sample collected for Site 5 on the same date returned filtered zinc at <0.005 mg/L. This will not be recorded as a non-compliance.

Notes on sample data
1: Trigger Values only apply to Site 5 during discharge.
2: We note that the water quality at GS200, Site 1 and Site 4 is considerably worse that at Site 5, indicating that water quality from the discharge point was having negligible impact on the East Finnis River.

Licence condition 43 - *Flow data from DAMOUT1 at the flow meter.*

Flow meter readings at Site 2.

Discharge was occurring from Site 5 in one event from 1 March 2024– 31 March 2024 with a total discharge of 286.371 ML. Discharge is continuing.

Licence condition 3 - *Date, time and duration of each discharge event.*

Event 1

Start Date: 29 February 2024

Time start: 16:37hours

End Date: 31 March 2024

Time End: 11:18 hours

Duration of event: 30 days, 18 hours, 41 mins

Discharge volume: 286,371 m^3

Licence condition 43 - ***Summary of water inventory.***

The Site water inventory as follows:

Total water treated March 2024: **168 ML**
Total water discharged March 2024: **286 ML**
Total water used for dust suppression for March 2024: **0 m^3**
Total rainfall for March 2024: **336 mm**

Pond name	Gauge Height (1/3/2024)	Gauge Height (31/3/2024)
Sed dam	0.28	0.5
Pit level	57.76	57.34
BSS	0.70	in sump
PAF	0.92	In sump
SP3	2.18	In sump
SRO	0.70	1.2

Licence condition 43 - A summary of any trigger value exceedances for the month.

The WDL trigger values for pH and NTU measured at Site 5 exceeded on five occasions during March 2024. However, pH at Site 4 was less than 6 for the entire month and the pH non-compliances at Site 5 was less than 0.3 pH unit from the lower trigger value. Similarly, heavy rainfall induced turbidity was measured at Site 5 on three occasions, two of which were only < 2 NTU above the trigger value. The WDL trigger values for TSS was exceeded by 1 mg/L on one occasion during heavy rainfall. However, the trigger value was also exceeded at Site 4 on that date. As such, no non-compliance will be recorded for TSS.

Licence condition 43 - Water quality management actions taken in the event of an exceedance.

NTR managed site run off and maximised water treatment throughout to minimise any off-site impacts during March 2024. We note that water quality from upstream was significantly lower quality that that discharged from Site 5, and that in some instances, poor upstream water quality influenced the water quality at Site 5, particularly turbidity and pH.

No additional water quality management actions are proposed.

Please contact me on +61 437 690 958 or greg.molloy@ntresources.com.au if you require any further information.

Kind Regards



Greg Molloy

General Manager

Northern Territories Resources Pty Ltd

Our Ref: NTR-ENV-LET-108
6 May 2024

NT Environmental Protection Authority
Environmental Authorisations
c/-Sally-Anne Orchard/Cristina Rodriguez

Email: waste@nt.gov.au

Dear Sally-Anne and Cristina

WDL 177-10 – April 2024 Monthly Discharge Report as per Licence Condition 43

In accordance with WDL 177-10 condition 43, Northern Territories Resources Pty Ltd (NTR) submits the Monthly Discharge report for April 2024.

Relevant water quality parameters and metal concentrations were recorded during the period of discharge (see Tables 1 & 2)

Licence condition 43 - *Water quality data.*

Field water quality measurements were taken from the respective monitoring and compliance sites according to the requirements of Appendix 2 of the WDL once discharge commenced and/or there was flow at the monitoring sites.

The field monitoring results measured during April 2024 are shown in Table 1.

Table 1 Field monitoring results for April 2024

				Field						Inorganics
During disharge				Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (Field)	pH (Field)	Turbidity (Lab)
				°C	mg/L	mV	%	µS/cm	-	NTU
EQL										
WDL177-10 Trigger Levels								700	6.5-8.5	10
Location Code	Date	Time	Sample Comments							
SITE1	01 Apr 2024	8:03:00	colour= clear, flow= me	28.2	3.89	157	48.8	115	6.75	2.7
SITE1	08 Apr 2024	8:25:00	colour= clear, flow= low	26.7	4.12	166	50.7	182	6.67	6.6
SITE1	15 Apr 2024	8:28:00	colour= clear, flow= low	27.7	3.65	194	45.4	239	6.81	11.9
SITE1	18 Apr 2024	8:47:00	Colour= slightly disc, Dep	26.9	4.02		51	147	6.48	20.9
SITE1	22 Apr 2024	8:35:00	colour= clear, flow= low	25.9	4.13		49.8	259	6.76	7
SITE1	27 Apr 2024	8:54:00	colour= clear, flow= low	28.2	3.47		43.8	302	6.76	14.3
SITE1	30 Apr 2024	8:51:00	colour= clear, flow= low	29.6	4.07		51	368	6.81	7.6
SITE2	01 Apr 2024	9:39:00	dam gauge ht = .27, colou	30.7	3.27	119	43.8	329	7.51	3.7
SITE2	08 Apr 2024	9:55:00	dam gauge ht = .27, colou	29.1	3.3	115	42.2	359	7.83	5.2
SITE2	15 Apr 2024	9:45:00	dam gauge ht = .25, colou	30.2	3.62	156	48	377	7.61	4.5
SITE2	18 Apr 2024	6:14:00	colour = clear, Depth = .5	28.1	3.9		49.4	397	7.63	6.2
SITE2	22 Apr 2024	9:10:00	dam gauge ht = .41, colou	27.5	4.29		53.5	395	7.84	3.6
SITE2	27 Apr 2024	9:30:00	dam gauge ht = .8, colour	30.4	3.84		50.5	399	7.49	3.6
SITE2	30 Apr 2024	8:15:00	dam gauge ht = .1, colou	29.1	3.512		44.2	403	7.45	2.9
SITE4	01 Apr 2024	9:23:00	Colour= clear, Clarity = F	27.3	3.39	154	42.6	18.1	6.06	1.7
SITE4	02 Apr 2024	7:11:00	Colour= clear, Clarity = F	26.5	2.58	173	32.4	32.3	5.98	3.3
SITE4	03 Apr 2024	8:18:00	Colour= clear, Clarity = c	27.2	2.96	180.8	35.2	23.1	5.71	1.3
SITE4	04 Apr 2024	7:09:00	Colour= clear, clarity = cl	26.7	3.01	173.1	38.7	21.9	5.52	1.6
SITE4	05 Apr 2024	7:55:00	Colour=clear, Clarity = cl	26.4	2.37	149.3	29.5	20.42	5.77	1.5
SITE4	06 Apr 2024	7:30:00	Colour= clear, Clarity = cl	25.9	2.49	154.2	30.6	20.1	5.88	2.6
SITE4	07 Apr 2024	8:40:00	Colour = clear, clarity = cl	25.4	2.81	147.5	34.3	19.42	6	1.4
SITE4	08 Apr 2024	9:42:00	Colour = clear, clarity = f	25.8	4.19	160	52	17.9	5.85	5
SITE4	09 Apr 2024	7:10:00	Colour = clear, clarity = f	23.9	2.86	156	34.5	27.3	5.83	5.2
SITE4	10 Apr 2024	7:00:00	Colour = clear, clarity = f	23.3	3.42	155	41	25.6	5.85	6.4
SITE4	11 Apr 2024	7:50:00	Colour = clear, clarity = cl	23.1	2.97	151.1	35.2	19.32	5.71	5.4
SITE4	12 Apr 2024	8:00:00	Colour = clear clarity = cl	23.7	2.6	160.3	31.6	20.4	5.86	9.9
SITE4	13 Apr 2024	8:40:00	Colour = clean, clarity = c	24.7	2.71	146.9	32.4	28	5.82	5.6
SITE4	14 Apr 2024	9:23:00	Colour = clean, clarity = c	25.8	3.39	161.5	42.3	42.2	5.89	5.5
SITE4	15 Apr 2024	9:31:00	Colour = clear, clarity = ,	26.3	3.29	198	41.6	20.9	5.97	6.4
SITE4	16 Apr 2024	8:50:00	Colour = clear, clarity = f	25.6	3.76		45.9	27.1	5.51	6.3
SITE4	17 Apr 2024	7:15:00	Colour = clear, clarity = c	26	3.14		37.8	28.5	5.54	6.9
SITE4	18 Apr 2024	9:37:00	Colour = clarity = flow =	26.7	3.47		43.5	22.7	5.8	6.3
SITE4	19 Apr 2024	7:07:00	Colour = clear, clarity = c	25.7	2.53		30.5	25.6	5.69	5.9
SITE4	20 Apr 2024	7:16:00	Colour = clear, clarity = c	24.3	2.72		32.6	24.9	5.78	5.3
SITE4	21 Apr 2024	7:25:00	Colour = clear, clarity = cl	23.3	2.42		28.8	22.1	6	6
SITE4	22 Apr 2024	8:10:00	Colour = clear, clarity = f	23.7	2.97		34.5	234.2	5.92	25.5
SITE4	23 Apr 2024	8:40:00	Colour = clear, clarity = cl	25.3	2.38		29.1	22.6	6.03	3.9
SITE4	24 Apr 2024	7:35:00	Colour = clear, clarity = cl	26.1	2.14		26.1	22.5	6.01	4.1
SITE4	25 Apr 2024	7:45:00	Colour = clear, clarity = cl	27.3	1.79		23	23.1	5.97	7
SITE4	26 Apr 2024	7:55:00	Colour = clear, clarity = c	27.1	2.1		26.6	22.9	5.78	3.6
SITE4	27 Apr 2024	8:09:00	Colour = clear, clarity = ,	25.7	2.62		31.3	23.5	5.95	3.5
SITE4	28 Apr 2024	7:45:00	Colour = clear, clarity = cl	24.7	2.36		28.8	24	6.05	3.9
SITE4	29 Apr 2024	9:50:00	Colour = clear, clarity = ,	25.5	3.22		38.6	37.6	5.74	3.2
SITE4	30 Apr 2024	7:28:00	colour= clear, flow= low	25.9	2.23		27	29.6	6.17	3.7
SITE5	01 Apr 2024	8:50:00	Colour = clear, Clarity = f	27.1	2.87	141	36	108	6.66	1.9
SITE5	02 Apr 2024	6:55:00	Colour = clear, clarity = f	29.1	2.71	155.1	35.2	224	6.75	1.6
SITE5	03 Apr 2024	8:31:00	Colour = clear, clarity = cl	28.2	2.44	144.3	32.9	188.7	6.85	1
SITE5	04 Apr 2024	7:22:00	Colour = clear, clarity = cl	28.1	2.43	146.4	31.9	198.8	6.72	1.5
SITE5	05 Apr 2024	7:45:00	Colour = clear, clarity = cl	27.9	2.38	131.8	30.2	220	6.56	0.6
SITE5	06 Apr 2024	7:20:00	Colour = clear, clarity = cl	27.5	2.44	120.4	31	225	6.8	0.6
SITE5	07 Apr 2024	8:30:00	Colour = clear, clarity = cl	27.3	2.73	122.2	34.5	238	6.78	1
SITE5	08 Apr 2024	9:04:00	Colour = clear, clarity =	26.5	3.16	145	39.5	251	7.01	5.3
SITE5	09 Apr 2024	7:02:00	Colour = clear, clarity = f	25.7	2.95	148	36.7	264	6.95	4.6
SITE5	10 Apr 2024	6:43:00	Colour = clear, clarity = f	25.2	2.97	145	36.6	279	6.9	4.9
SITE5	11 Apr 2024	7:40:00	Colour = clear, clarity = cl	25.3	3.03	137.7	36.6	264	6.82	3.8
SITE5	12 Apr 2024	7:50:00	Colour = clear, clarity = cl	25.6	2.9	141.8	35.9	277	6.85	4.2
SITE5	13 Apr 2024	8:55:00	Colour = clean, clarity = c	25.9	2.66	136.2	33.7	273	6.9	6
SITE5	14 Apr 2024	9:39:00	Colour = clean, clarity = c	27.2	2.55	141.6	32.1	271	6.95	5.6
SITE5	15 Apr 2024	9:02:00	Colour = clear, clarity = ,	26.7	2.67	167	33.9	138	6.77	9.1
SITE5	16 Apr 2024	9:14:00	Colour = clear, clarity = ,	26	2.95		37	74.3	6.46	9
SITE5	17 Apr 2024	7:24:00	Colour = clear, clarity = c	26.4	2.9		36.6	64.9	6.45	8.3
SITE5	18 Apr 2024	6:23:00	Colour= clear, Depth= .34	25.4	2.66		32.8	111.1	6.34	13.1
SITE5	18 Apr 2024	9:20:00	Colour = clear, clarity = ,	28.1	3.01		39.1	319	6.07	6.8
SITE5	19 Apr 2024	7:21:00	Colour = clear, clarity = c	27.6	2.81		35.4	316	6.88	6.1
SITE5	20 Apr 2024	7:29:00	Colour = clear, clarity = cl	26.3	2.76		34.3	280	6.88	5.1
SITE5	21 Apr 2024	7:15:00	Colour = clear, clarity = cl	23.9	3.99		36.4	101.3	6.68	8.7
SITE5	22 Apr 2024	7:39:00	Colour = clear clarity = fl	24.3	2.76		32.5	86.4	6.72	5.8
SITE5	23 Apr 2024	8:30:00	Colour = clear, clarity = cl	25.6	3.07		36.2	78.6	6.34	5.7
SITE5	24 Apr 2024	7:25:00	Colour = clear, clarity = c	26.3	2.53		30.5	83.7	6.73	6
SITE5	25 Apr 2024	7:35:00	Colour = clear, clarity = cl	27.6	3.21		38.3	83.5	6.56	6
SITE5	26 Apr 2024	7:45:00	Colour = clear, clarity = c	27.5	2.9		34.6	77.9	6.5	5.6
SITE5	27 Apr 2024	7:36:00	Colour = clear, clarity = ,	26.4	2.65		32.4	99.9	6.74	4.8
SITE5	28 Apr 2024	7:30:00	Colour = clear, clarity = cl	25.4	3.02		36.5	98.1	6.59	6.1
SITE5	29 Apr 2024	10:01:00	Colour = clear, clarity = ,	25.8	3.4		41.5	93.7	6.72	7
SITE5	30 Apr 2024	7:49:00	colour = clear, flow= low	25.8	2.68		31.9	104.5	6.86	5.4
TREAT01	01 Apr 2024	8:03:00	colour = not treating,	30	309	55	41	322	9.47	4.6
TREAT01	08 Apr 2024	10:27:00	colour = treating,	29.2	3.94	87	52.6	377	9.36	13.1
TREAT01	15 Apr 2024	9:58:00	colour = treating,	29.1	3.57	94.9	45.8	365	9.54	9
TREAT01	22 Apr 2024	9:21:00	colour = clear, treating,	27.3	3.95		49	382	9.45	6.7
TREAT01	27 Apr 2024	9:47:00	colour = clear, treating,	29.5	3.41		43.4	388	9.43	4.4
TREAT01	30 Apr 2024	7:13:00	colour = clear, treating,	29.1	3.47		43.9	399	9.32	3.8
GS200	01 Apr 2024	8:19:00	colour= clear, flow= med	28.2	3.24	163	41.9	115	6.62	2.9
GS200	08 Apr 2024	8:41:00	colour= clear, flow= med	26.9	3.89	183	50.4	171	6.83	16.1
GS200	15 Apr 2024	8:41:00	colour= clear, flow= med	27.8	3.54	194	45.1	215	6.7	10.9
GS200	18 Apr 2024	6:43:00	Colour= clear, Depth= 1.6	26.7	3.47		43.3	139	6.47	17.1
GS200	18 Apr 2024	9:01:00	Colour= slightly disc, De	27.8	3.91		49.2	150	6.73	13.3
GS200	22 Apr 2024	8:49:00	colour= clear, flow= med	26.4	3.74		45.6	232	6.78	7.5
GS200	27 Apr 2024	9:08:00	colour= clear, flow= low/	28.5	3.71		47	263	6.64	10.3
GS200	30 Apr 2024	9:07:00	colour= flow= low, dept	29	4.32		54	341	6.86	6.3

Note 1: As per Note 5 in Table 2 Monitoring Requirements of WDL177-10, Trigger values for Turbidity and Total Suspended Solids are based on 80th percentile data from Site 4 from the 2020/21 and 2021/22 wet seasons. If trigger values are exceeded upstream of the compliance point (Site 4) on the date of sampling, exceedances at Site 5 do not count towards notifiable incidents specified at Item 10.

Note 2: The ORP probe broke during the month and is being repaired or replaced. Some data are missing as a result.

Site 4 is upstream of the monitoring point at Site 5. During the entire duration of April 2024, pH at Site 4 was less than or equal to pH 6, indicating that acidic water was flowing in the creek upstream of the discharge point (Site 5). At the Site 2 monitoring location in the site sediment dam, pH measurements were in excess of pH 7 for the duration of April 2024, indicating that the pH of water discharged from the site via the Site 5 monitoring location was compliance with the WDL177-10 pH limits. However, one of pH measurements less than the lower pH trigger level were recorded at Site 5 during discharge in April 2024. This was:

- 18 April 2024 Site 5 pH 6.07

It is likely that the acidic discharge monitoring at Site 5 was, at least in part, attributed to acidic water flowing in the creek from Site 4. Regardless, the abovementioned instances will be noted as non-compliances in the Annual Report and Annual Return.

The level of the East Finnis River at GS200 is shown in Figure 1. As required by Item 9 (condition 23), GS200 was greater than 1.50m during discharge.

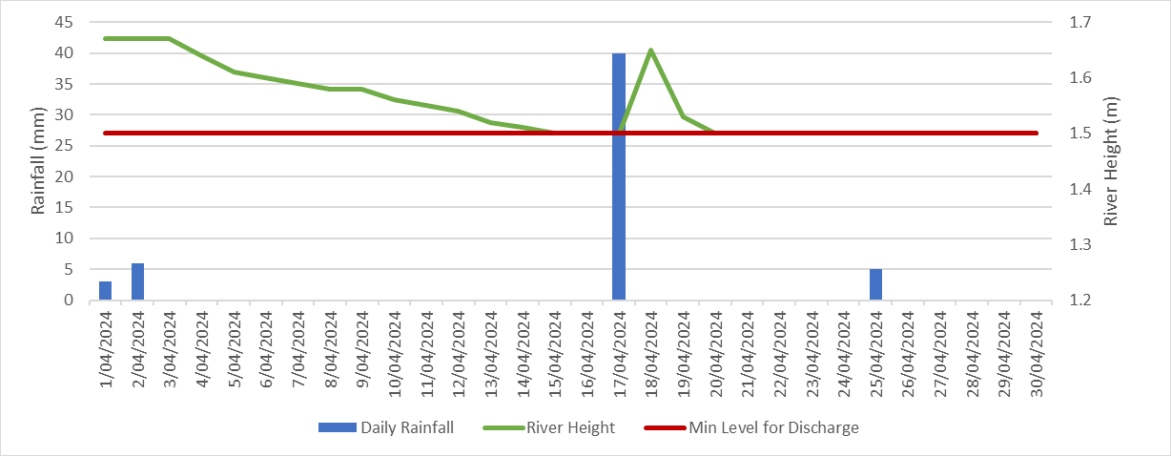


Figure 1 April 2024 rainfall and river height

The metals and inorganics concentrations for samples taken April 2024 are shown in Table 2.

Note 1: Laboratory sample data has not been provided to NTR for samples collected on 18, 22, 27 and 30 April 2024 upon submission of this monthly report. These data will be provided in the Annual Report.

Table 2 Laboratory results for April 2024

		Inorganics									Metals																							
During discharge		**Alkalinity (Bicarbonate as CaCO3)**	**Alkalinity (Carbonate as CaCO3)**	**Alkalinity (Hydroxide) as CaCO3**	**Alkalinity (total) as CaCO3**	**Chloride**	**Sodium**	**Sulphate**	**Hardness as CaCO3**	**Total Suspended Solids (Lab)**	**Aluminium**	**Aluminium (filtered)**	**Cadmium**	**Cadmium (filtered)**	**Calcium**	**Chromium (III+VI)**	**Chromium (III+VI) (filtered)**	**Cobalt**	**Cobalt (filtered)**	**Copper**	**Copper (filtered)**	**Iron**	**Iron (filtered)**	**Lead**	**Lead (filtered)**	**Magnesium**	**Manganese**	**Manganese (filtered)**	**Nickel**	**Nickel (filtered)**	**Potassium**	**Uranium**	**Uranium (filtered)**	**Zinc**	**Zinc (filtered)**
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	mg/L
EQL		20	20	20	20	1	0.5	5	5	5	0.05	0.05	0.0002	0.0002	0.5	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	0.001	0.001	0.5	0.005	0.005	0.001	0.001	0.5	5	5	0.005	0.005
WDL177-10 Trigger Levels										6		0.08		0.0004			0.006		0.013		0.0025				0.0066			2.5		0.013					0.015
WDL177-10 Triple Trigger Levels										18		0.24		0.0012			0.018		0.039		0.0075				0.0198			7.5		0.039					0.045
Location Code	**Date**																																			
GS200	**25 Mar 2024**	40	<20	<20	40	1.8	3.3	39	60	<5	0.14	<0.05	<0.0002	<0.0002	5.2	<0.001	<0.001	0.033	0.032	0.064	0.039	0.27	<0.05	<0.001	<0.001	9.1	0.12	0.11	0.033	0.031	0.6	<5	<5	0.042	0.039
SITE1	**25 Mar 2024**	220	<20	<20	220	1.9	2.8	36	56	<5	0.29	<0.05	<0.0002	<0.0002	4.4	<0.001	<0.001	0.028	0.027	0.077	0.052	0.26	<0.05	<0.001	<0.001	9	0.079	0.079	0.025	0.024	0.6	<5	<5	0.038	0.038
SITE2	**25 Mar 2024**	190	<20	<20	190	2.7	4.8	100	130	<5	<0.05	<0.05	<0.0002	<0.0002	16	<0.001	<0.001	0.005	<0.001	0.015	0.005	0.06	<0.05	0.007	<0.001	22	0.057	<0.005	0.006	0.004	0.6	<5	<5	0.006	<0.005
SITE4	**25 Mar 2024**	<20	<20	<20	<20	1.7	2.2	<5	<5	<5	0.07	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.19	0.07	<0.001	<0.001	0.6	0.005	<0.005	<0.001	<0.001	0.6	<5	<5	<0.005	<0.005
SITE5	**25 Mar 2024**	160	<20	<20	160	2	3.9	41	61	<5	<0.05	<0.05	<0.0002	<0.0002	7.2	<0.001	<0.001	<0.001	<0.001	0.002	0.001	0.22	<0.05	<0.001	<0.001	11	0.024	0.019	<0.001	<0.001	0.6	<5	<5	<0.005	<0.005
SITE5	**25 Mar 2024**	230	<20	<20	230	2	4	41	62	<5	<0.05	<0.05	<0.0002	<0.0002	7.1	<0.001	<0.001	<0.001	<0.001	0.002	0.001	0.23	<0.05	<0.001	0.003	11	0.024	0.019	<0.001	<0.001	0.6	<5	<5	<0.005	<0.005
TREAT01	**25 Mar 2024**	240	<20	<20	240	3.1	4.1	110	140	12	0.08	<0.05	<0.0002	<0.0002	14	<0.001	<0.001	0.011	<0.001	0.01	0.001	<0.05	<0.05	0.006	<0.001	26	0.06	<0.005	0.01	0.002	0.6	<5	<5	0.011	<0.005
GS200	**01 Apr 2024**	31	<20	<20	31	4.1	3.3	34	47	<5	0.11	<0.05	<0.0002	<0.0002	4.1	<0.001	<0.001	0.029	0.027	0.051	0.03	0.29	<0.05	<0.001	<0.001	9	0.1	0.093	0.028	0.026	1	<5	<5	0.035	0.032
SITE1	**01 Apr 2024**	62	<20	<20	62	3.4	3	29	46	6.2	0.14	<0.05	<0.0002	<0.0002	3.4	<0.001	<0.001	0.021	0.019	0.053	0.034	0.23	<0.05	<0.001	<0.001	9.1	0.064	0.059	0.019	0.017	1	<5	<5	0.028	0.025
SITE2	**01 Apr 2024**	130	<20	<20	130	9.4	3.8	110	370	<5	<0.05	<0.05	<0.0002	<0.0002	28	<0.001	<0.001	0.004	0.001	0.014	0.006	0.05	<0.05	0.005	<0.001	73	0.05	0.02	0.006	0.005	1.5	<5	<5	<0.005	<0.005
SITE4	**01 Apr 2024**	23	<20	<20	23	2.9	2.3	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.18	0.06	<0.001	<0.001	0.6	<0.005	<0.005	<0.001	<0.001	1	<5	<5	<0.005	<0.005
SITE5	**01 Apr 2024**	72	<20	<20	72	6.7	3.6	22	46	<5	<0.05	<0.05	<0.0002	<0.0002	5.1	<0.001	<0.001	<0.001	<0.001	0.002	0.002	0.34	0.07	<0.001	<0.001	8.1	0.03	0.022	<0.001	<0.001	1	<5	<5	<0.005	<0.005
SITE5	**01 Apr 2024**	78	<20	<20	78	8.5	3.6	23	46	5	<0.05	<0.05	<0.0002	<0.0002	5	<0.001	<0.001	<0.001	<0.001	0.002	0.001	0.35	<0.05	<0.001	<0.001	8	0.029	0.022	<0.001	<0.001	1	<5	<5	<0.005	<0.005
GS200	**08 Apr 2024**	87	<20	<20	87	2.1	3	49	66	5.2	<0.05	<0.05	<0.0002	<0.0002	5.7	<0.001	<0.001	0.042	0.037	0.029	0.026	<0.05	<0.05	<0.001	<0.001	13	0.12	0.11	0.039	0.035	0.7	<5	<5	0.054	0.049
SITE1	**08 Apr 2024**	84	<20	<20	84	2	2.5	48	64	<5	0.18	<0.05	<0.0002	<0.0002	5	<0.001	<0.001	0.035	0.032	0.066	0.034	0.24	<0.05	<0.001	<0.001	12	0.1	0.092	0.032	0.028	0.7	<5	<5	0.048	0.042
SITE2	**08 Apr 2024**	130	<20	<20	130	3.1	4.2	120	160	<5	<0.05	<0.05	<0.0002	<0.0002	16	<0.001	<0.001	0.003	<0.001	0.013	0.005	<0.05	<0.05	0.004	<0.001	28	0.034	<0.005	0.005	0.003	0.6	<5	<5	<0.005	<0.005
SITE4	**08 Apr 2024**	50	<20	<20	50	1.5	1.9	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.2	0.06	<0.001	<0.001	0.6	0.006	<0.005	<0.001	<0.001	0.7	<5	<5	<0.005	<0.005
SITE5	**08 Apr 2024**	78	<20	<20	78	3.2	3.7	69	100	<5	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	<0.001	<0.001	0.003	0.001	0.2	<0.05	<0.001	<0.001	19	0.035	0.026	<0.001	<0.001	0.6	<5	<5	<0.005	<0.005
SITE5	**08 Apr 2024**	120	<20	<20	120	2.6	3.7	70	110	<5	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	0.001	<0.001	0.003	0.002	0.2	<0.05	<0.001	<0.001	19	0.038	0.027	<0.001	<0.001	0.6	<5	<5	<0.005	<0.005
TREAT01	**08 Apr 2024**	180	<20	<20	180	3.2	3.9	50	170	<5	<0.05	<0.05	<0.0002	<0.0002	13	<0.001	<0.001	0.002	<0.001	0.012	0.002	<0.05	<0.05	0.006	<0.001	34	0.087	0.006	0.008	0.002	0.7	<5	<5	0.018	<0.005
GS200	**15 Apr 2024**	160	<20	<20	160	1.9	3.2	76	88	<5	0.21	<0.05	<0.0002	<0.0002	7.2	<0.001	<0.001	0.072	0.065	0.075	0.027	0.53	<0.05	0.001	<0.001	17	0.2	0.19	0.065	0.058	0.8	6	<5	0.11	0.091
SITE1	**15 Apr 2024**	280	<20	<20	280	2.3	3.1	79	98	<5	0.28	<0.05	<0.0002	<0.0002	7.5	<0.001	<0.001	0.056	0.049	0.078	0.028	0.47	<0.05	0.001	<0.001	19	0.18	0.16	0.048	0.041	0.8	6	<5	0.075	0.058
SITE2	**15 Apr 2024**	350	<20	<20	350	2.9	4.4	130	170	<5	<0.05	<0.05	<0.0002	<0.0002	16	<0.001	<0.001	0.002	<0.001	0.009	0.005	<0.05	<0.05	0.002	<0.001	32	0.022	<0.005	0.003	0.002	0.6	<5	<5	<0.005	<0.005
SITE4	**15 Apr 2024**	110	<20	<20	110	1.8	2	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.22	0.07	<0.001	<0.001	0.6	0.007	0.005	<0.001	<0.001	0.8	<5	<5	<0.005	<0.005
SITE5	**15 Apr 2024**	130	<20	<20	130	2.1	3.2	30	54	<5	<0.05	<0.05	<0.0002	<0.0002	5.7	<0.001	<0.001	0.001	<0.001	0.003	0.001	0.41	<0.05	0.001	<0.001	9.6	0.071	0.055	0.001	<0.001	0.7	<5	<5	<0.005	<0.005
SITE5	**15 Apr 2024**	290	<20	<20	290	2.2	3.1	31	53	<5	<0.05	<0.05	<0.0002	<0.0002	5.7	<0.001	<0.001	0.001	<0.001	0.003	0.001	0.42	<0.05	<0.001	<0.001	9.3	0.069	0.055	0.001	<0.001	0.7	<5	<5	<0.005	<0.005
TREAT01	**15 Apr 2024**	<20	<20	140	140	3.1	4.2	130	170	<5	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	<0.001	<0.001	0.007	0.002	<0.05	<0.05	0.002	<0.001	36	0.037	<0.005	0.004	0.001	0.7	<5	<5	0.008	<0.005

No non-compliances were recorded for laboratory based results in April 2024.

Notes on sample data
1: Trigger Values only apply to Site 5 during discharge.
2: We note that the water quality at GS200, Site 1 and Site 4 is considerably worse that at Site 5, indicating that water quality from the discharge point was having negligible impact on the East Finnis River.

Licence condition 43 - Flow data from DAMOUT1 at the flow meter.

Flow meter readings at Site 2.

Discharge was occurring from Site 5 in two events during April 2024.

Licence condition 3 - Date, time and duration of each discharge event.

Event 1

Start Date: 31 March 2024

Time start: 11:18 hours

End Date: 15 April 2024

Time End: 06:12 hours

Duration of event: 14 days, 18 hours, 54 mins

Discharge volume: 63,529 m^3

Event 2

Start Date: 18 April 2024

Time start: 07:50 hours

End Date: 20 April 2024

Time End: 10:322 hours

Duration of event: 2 days, 2 hours, 42 mins

Discharge volume: 23,847 m^3

Licence condition 43 - Summary of water inventory.

The Site water inventory as follows:

Total water treated April 2024: **132 ML**
Total water discharged April 2024: **87 ML**
Total water used for dust suppression for April 2024: **217 m^3**
Total rainfall for April 2024: **54 mm**

Pond name	Gauge Height (31/3/2024)	Gauge Height (30/4/2024)
Sed dam	0.5	1.05
Pit level	57.34	56.23
BSS	in sump	0.44
PAF	In sump	0.20
SP3	In sump	1.03
SRO	1.2	0.54

Licence condition 43 - A summary of any trigger value exceedances for the month.

The WDL trigger value for pH measured at Site 5 was exceeded on one occasion during April 2024. However, pH at Site 4 was less than 6 for the entire month and the pH non-compliances at Site 5 was less than 0.5 pH unit from the lower trigger value. Water in the sediment pond measured at Site 2 was pH 7.62 on the date of this exceedance.

Licence condition 43 - Water quality management actions taken in the event of an exceedance.

NTR managed site run off and maximised water treatment throughout to minimise any off-site impacts during April 2024. We note that water quality from upstream was significantly lower quality that that discharged from Site 5, and that in some instances, poor upstream water quality influenced the water quality at Site 5, particularly pH.

No additional water quality management actions are proposed.

Please contact me on +61 437 690 958 or greg.molloy@ntresources.com.au if you require any further information.

Kind Regards

Greg Molloy

General Manager

Northern Territories Resources Pty Ltd

APPENDIX H – 2023/24 INVESTIGATION REPORTS

January 2024 Exceedance Investigation

1. An investigation in regard to exceedances identified in the discharge event that commenced on 12 January 2024 and continued through the end of January 2024 was undertaken during the preparation of the January 2024 Monthly Discharge Report. Daily monitoring for field parameters takes place at Site 5 and Site 4, with weekly laboratory samples collected during discharge. No additional monitoring was recommended.
2. NTR received in excess on 800mm of rainfall during the January 2024 discharge period. The water treatment plant has operated at capacity and bunds with potentially contaminated water (eg, Black Shale Bund) have been carefully managed to ensure no overtopping occurred. Water from potentially contaminated bunds has been blended with cleaner sources of water on site to ensure treatment is discharging high quality water. No additional management actions are recommended.
3. The exceedance were detected by Bruce Blunden on 6 February 2024 when compiling laboratory water quality for the January 2024 monthly discharge report
4. The actual causes of the exceedances are due to high volumes of rainfall being treated and managed on site. High concentrations of metals were measured in the receiving water, often significantly higher than in the Site 5 discharge. Several non-compliances are attributed to polluted water from Site 4 contaminating the Site 5 measurements.
5. Monitoring data from Site 1, Site 4 and GS200 show that upstream water quality at is generally very poor, with high concentrations of dissolved copper, cobalt, nickel and zinc. High TSS and Turbidity was also measured. No environmental harm would be attributed to the small exceedances of the WDL177-10 discharge criteria at Site 5.

Exceedances

Date	Exceedance	Comments
22 January 2024 25 January 2024	NTU 15.9 NTU 15.2	High rainfall caused elevated turbidity and TSS within the catchment. Flows from upstream caused this non-compliance
17 January 2024 19 January 2024 21 January 2024 25 January 2024 27 January 2024 28 January 2024 30 January 2024 31 January 2024	pH 6.16 pH 6.26 pH 6.39 pH 6.33 pH 6.41 pH 6.22 pH 6.39 pH 6.42	Generally acidic water measured at Site 4 during January 2024 – pH generally ~1 pH unit less than Site 5
12 January 2024 22 January 2024 30 January 2024	Filtered Cu – 0.007 mg/L Filtered Cu – 0.003 mg/L Filtered Cu – 0.004 mg/L	Exceedances very small – Cu measured at Site 1 significantly higher. No impact.
12 January 2024 15 January 2024	TSS – 57 mg/L TSS – 11 mg/L	Exceedances on 12 Jan 24 exceeded 3 x trigger level. High rainfall caused very dirty water from upstream.

February 2024 Exceedance Investigation

1. An investigation in regard to exceedances identified in the discharge event that continued from January 2024, i.e, the period between 1 February and 29 February 2024, was undertaken during the preparation of the January 2024 Monthly Discharge Report. Daily monitoring for field parameters takes place at Site 5 and Site 4, with weekly laboratory samples collected during discharge. No additional monitoring was recommended.
2. NTR received in excess on 340mm of rainfall during the February 2024 discharge period. The water treatment plant has operated at capacity and bunds with potentially contaminated water (eg, Black Shale Bund) have been carefully managed to ensure no overtopping occurred. Water from potentially contaminated bunds has been blended with cleaner sources of water on site to ensure treatment is discharging high quality water. No additional management actions are recommended.
3. The exceedance were detected by Bruce Blunden on 3 March 2024 when compiling laboratory water quality for the February 2024 monthly discharge report
4. The actual causes of the exceedances are due to high volumes of rainfall being treated and managed on site. High concentrations of metals were measured in the receiving water, often significantly higher than in the Site 5 discharge. Several non-compliances are attributed to polluted water from Site 4 contaminating the Site 5 measurements.
5. Monitoring data from Site 1, Site 4 and GS200 show that upstream water quality at is generally very poor, with high concentrations of dissolved copper, cobalt, nickel and zinc. High TSS and Turbidity was also measured. No environmental harm would be attributed to the small exceedances of the WDL177-10 discharge criteria at Site 5.

Exceedances

Date	Exceedance	Comments
14 February 2024	NTU 10.5	High rainfall caused elevated turbidity and TSS within the catchment. Flows from upstream caused this non-compliance
4 February 2024 10 February 2024	pH 6.42 pH 6.48	Generally acidic water measured at Site 4 during February 2024 – pH generally ~1 pH unit less than Site 5

No exceedance of filtered metals at Site 5 were recorded.

March 2024 Exceedance Investigation

1. An investigation in regard to exceedances identified in the discharge event that continued from February 2024, i.e, the period between 1 March and 31 March 2024, was undertaken during the preparation of the March 2024 Monthly Discharge Report. Daily monitoring for field parameters takes place at Site 5 and Site 4, with weekly laboratory samples collected during discharge. No additional monitoring was recommended.
2. NTR received in excess on 330mm of rainfall during the March 2024 discharge period. The water treatment plant has operated at capacity and bunds with potentially contaminated water (eg, Black Shale Bund) have been carefully managed to ensure no overtopping occurred. Water from potentially contaminated bunds has been blended with cleaner sources of water on site to ensure treatment is discharging high quality water. No additional management actions are recommended.
3. The exceedances were detected by Bruce Blunden on 2 April 2024 when compiling laboratory and field parameter water quality data for the March 2024 monthly discharge report
4. Two pH non-compliances are attributed to polluted water from Site 4 contaminating the Site 5 measurements. High intensity rainfall events attributed to three minor turbidity exceedances.
5. Monitoring data from Site 1, Site 4 and GS200 show that upstream water quality at is generally very poor, with high concentrations of dissolved copper, cobalt, nickel and zinc. High TSS and Turbidity was also measured. No environmental harm would be attributed to the small exceedances of the WDL177-10 discharge criteria at Site 5.

Exceedances

Date	Exceedance	Comments
7 March 2024 11 March 2024 21 March 2024	NTU 10.4 NTU 11.6 NTU 20.6	High rainfall caused elevated turbidity within the catchment. Minor non-compliance
21 March 2024 26 March 2024	pH 6.2 pH 6.4	Generally acidic water measured at Site 4 during March 2024 – pH generally ~1 pH unit less than Site 5

No exceedance of filtered metals at Site 5 were recorded.

April 2024 Exceedance Investigation

1. An investigation in regard to exceedances identified in the discharge event that continued from March 2024, i.e, the period between 1-15 April and 18-20 April 2024, was undertaken during the preparation of the April 2024 Monthly Discharge Report. Daily monitoring for field parameters takes place at Site 5 and Site 4, with weekly laboratory samples collected during discharge. No additional monitoring was recommended.
2. NTR received in excess on 50mm of rainfall during the April 2024 discharge period. The water treatment plant has operated at capacity and bunds with potentially contaminated water (eg, Black Shale Bund) have been carefully managed to ensure no overtopping occurred. Water from potentially contaminated bunds has been blended with cleaner sources of water on site to ensure treatment is discharging high quality water. No additional management actions are recommended.
3. The exceedances were detected by Bruce Blunden on 3 May 2024 when compiling laboratory and field parameter water quality data for the April 2024 monthly discharge report
4. One pH non-compliance is attributed to polluted water from Site 4 contaminating the Site 5 measurements.
5. Monitoring data from Site 1, Site 4 and GS200 show that upstream water quality at is generally very poor, with high concentrations of dissolved copper, cobalt, nickel and zinc. High TSS and Turbidity was also measured. No environmental harm would be attributed to the small exceedances of the WDL177-10 discharge criteria at Site 5.

Exceedances

Date	Exceedance	Comments
18 April 2024	pH 6.07	Generally acidic water measured at Site 4 during April 2024 – pH generally < 6.

No exceedance of filtered metals at Site 5 were recorded.