



2024-25 Annual Report

Waste Discharge License 177-10



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The Annual Monitoring Report was prepared by:
Dr Bruce Blunden, BNat Res (Hons), MEng, PhD
Contract Environmental Compliance Manager
Northern Territories Resources Pty Ltd

Authorisation

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00	Bruce Blunden	Annual Report	Greg Molloy	21 May 2024	Michelle Li
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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

10/10/2025

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 2024 to 30 April 2025 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.

Rev B of the Annual Report is submitted to address the Request for Information issued by the Department of Lands, Planning and Environment on 18 September 2025.

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Abbreviations

°C	Degrees Celsius
mg/L	milligram per litre
mV	milliVolt
%	percentage
µS/cm	microSeimen per centimetre
NTU	Nephelometric Turbidity Unit
WDL	Waste Discharge License
NTR	Northern Territories Resources

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 2024 to 30 April 2025.

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.

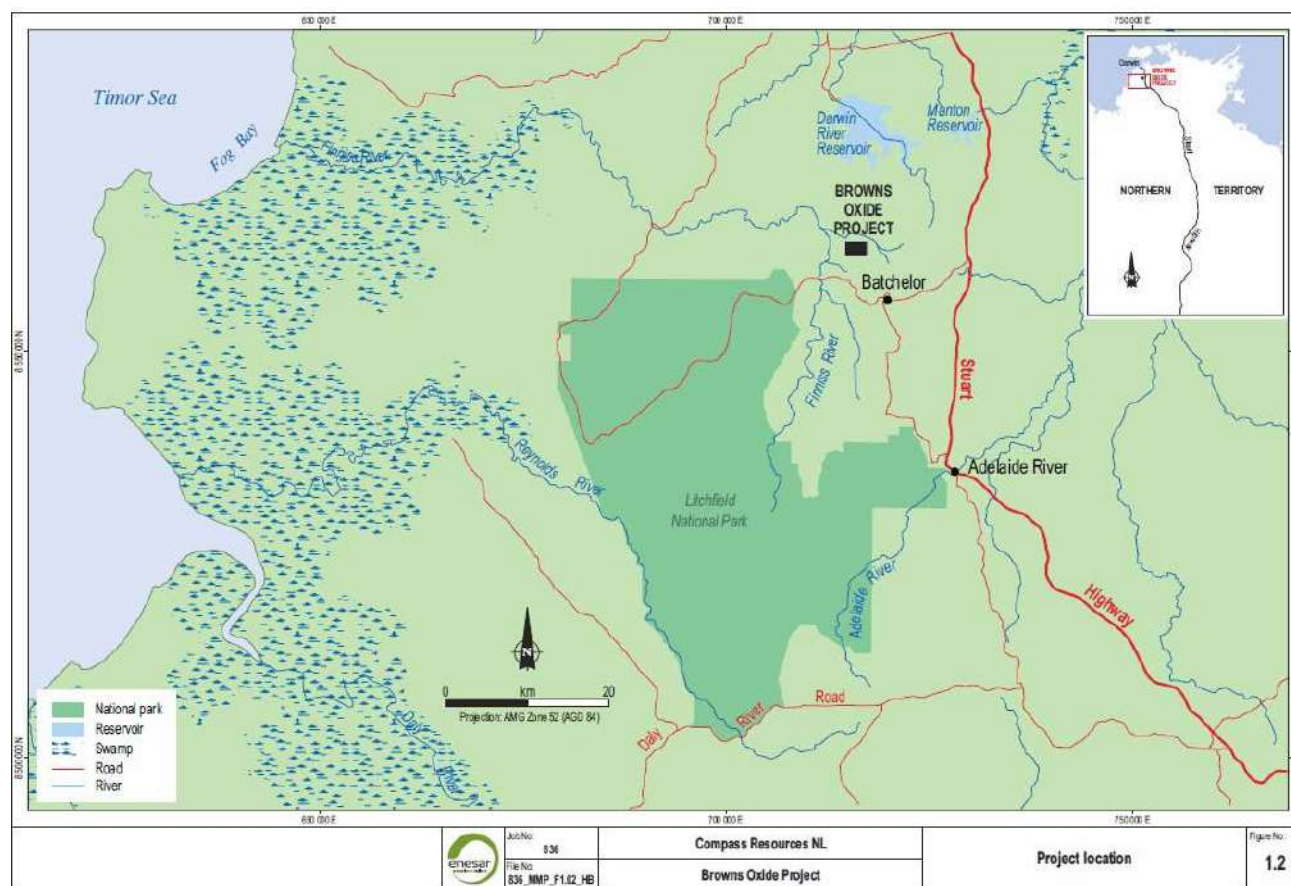


Figure 1: Location of project area

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 µm)	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 µm)	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 at 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 2024/25 was 871ML.

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 ANZG 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 May 2024 to April 2025
- Appendix B – laboratory results for May 2024 to April 2025
- Appendix C- graphs of field and laboratory data by monitoring site for May 2024 to April 2025
- Appendix D – graphs of data for May 2022 to April 2025
- Attached excel files

Note: The Annual Report (Rev 1) did not include laboratory results from April 2025 due to those results not being provided by the laboratory at the time the Annual Report was submitted on 22 May 2025. These data are now included in the abovementioned Appendices and graphs.

Table 2 shows the volume of rainfall, water treatment on site, discharge from DAMOUT1 (Site 2) and water used for dust suppression during 2024-25.

Table 2 Water treatment, rainfall and discharge for 2024-25

2024/25	Rainfall (mm)	Water Treated (m3)	Total Water Discharged (m3)	Dust suppression (m3)
May-24	0	16,500	0	754
Jun-24	0	45,700	0	736
Jul-24	0	26,400	0	626
Aug-24	0	20,600	0	804
Sep-24	64	14,000	0	192
Oct-24	43	4,300	0	408
Nov-24	204	35,300	0	737
Dec-24	472.5	66,600	117,421	1293.97
Jan-25	283.4	148,800	178,079	376.57
Feb-25	463	120,100	243,663	311.99
Mar-25	360.9	139,600	183,049	187.82
Apr-25	114.5	139,200	149,216	641.25
Total	2005	777,100	871,428	7,067

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 2024 to 30 April 2025. 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 2024 to 2025

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	24.5	2.8	152.0	40.1	110.0	4.5	4.6
Max	30.6	6.8	300.0	537.0	928.0	7.4	283.0
Average	28.0	4.5	214.2	72.3	254.3	6.5	23.6
StDev	1.2	0.9	35.1	85.6	177.7	0.7	53.5

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 SO₄ and CaCO₃ 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 2024 to 2025

Site 1	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)
Minimum	1.2	0.5	27.0	39.0	5.7
Maximum	5.8	4.9	450.0	510.0	120.0
Average	2.3	2.9	94.0	121.3	25.0
StDev	1.0	1.0	98.7	101.1	34.7

Table 5 Site 1 filtered metals results basic statistics for 2024 to 2025 (mg/L)

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	0.0500	0.0002	3.2000	0.0010	0.0210	0.0330	0.0500	0.0020	8.5000	0.0770	0.0180	0.6000	6.0000	0.0300
Max	3.6000	0.0017	40.0000	0.0010	0.5200	0.5700	0.3000	0.0020	100.0000	1.9000	0.4300	2.7000	9.0000	0.7600
Avg	0.3344	0.0006	9.1786	0.0000	0.0937	0.0869	0.1145	0.0020	23.9679	0.3354	0.0784	1.1881	7.0000	0.1095
Std	0.9433	0.0005	8.2513	0.0000	0.1174	0.1048	0.0802	0.0000	19.5684	0.4083	0.0923	0.5663	1.7321	0.1507

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 the minimum, maximum, average and standard deviation of the data from 1 May 2024 to 30 April 2025. 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 2024 to 2025

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	21.2	3.0	130.0	4.4	270.0	7.0	1.3
Max	33.7	6.2	254.0	82.9	640.0	8.0	9.8
Average	29.7	4.0	157.5	51.0	451.6	7.5	4.0
StDev	3.0	0.9	22.8	14.2	112.8	0.2	1.9

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 2024 to 2025 (mg/L)

Site 2	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)
	mg/L	mg/L	mg/L	mg/L	mg/L
Min	2.300	3.600	33.000	29.000	<5
Max	16.000	25.000	260.000	300.000	0.000
Avg	4.970	6.786	174.488	209.884	<5
Stdev	2.825	3.223	55.206	60.209	0.000

Table 8 Site 2 filtered metals results basic statistics for 2024 to 2025

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	3.200	0.001	0.001	0.001	0.200	0.000	5.100	0.005	0.001	0.600	6.000	0.005
Max	0.000	0.000	40.000	0.001	0.018	0.017	0.200	0.000	57.000	0.280	0.016	2.300	6.000	0.050
Avg	0.000	0.000	21.516	0.001	0.005	0.007	0.000	0.000	38.793	0.054	0.005	1.018	0.000	0.011
Stdev	0.000	0.000	4.893	0.000	0.005	0.003	0.000	0.000	11.646	0.071	0.003	0.307	0.000	0.011

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 2024 to 30 April 2025. 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 2024 to 2025

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	22.9	0.2	17.6	3.8	15.0	5.2	1.0
Max	34.7	216.0	305.9	117.5	291.0	7.4	113.6
Average	27.6	5.1	215.1	47.2	37.9	6.2	8.9
StDev	1.6	17.3	37.2	14.3	40.4	0.5	13.3

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 2024 to 2025

Site 4	Chloride	Sodium	Sulphate	Hardness as CaCO ₃	Total Suspended Solids (Lab)
	mg/L	mg/L	mg/L	mg/L	mg/L
Min	1.1	0.9	5.2	5.1	<5
Max	12.0	3.2	5.2	6.6	14.0
Avg	3.0	2.2	0.0	5.8	7.4
Stdev	2.8	0.5	0.0	0.7	3.8

Table 11 Site 4 filtered metals results basic statistics for 2024 to 2025

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	0.0510	0.0000	0.6000	0.0000	0.0010	0.0010	0.0550	0.0000	0.6000	0.0050	0.0020	0.5000	0.0000	0.0060
Max	0.2900	0.0000	0.6000	0.0000	0.0020	0.0040	0.1900	0.0000	1.2000	0.0280	0.0020	2.1000	0.0000	0.0060
Avg	0.1230	0.0000	0.6000	0.0000	0.0000	0.0019	0.1110	0.0000	0.7923	0.0099	0.0000	0.9336	0.0000	0.0060
Stdev	0.0988	0.0000	0.0000	0.0000	0.0000	0.0009	0.0363	0.0000	0.1817	0.0056	0.0000	0.4352	0.0000	0.0000

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 5 December 2024 and continued until 28 April 2025, with short periods where discharge did not occur for operational purposes or due to low river height. During the discharge periods, the level in the River exceeded 1.5 m as shown in Figure 3.

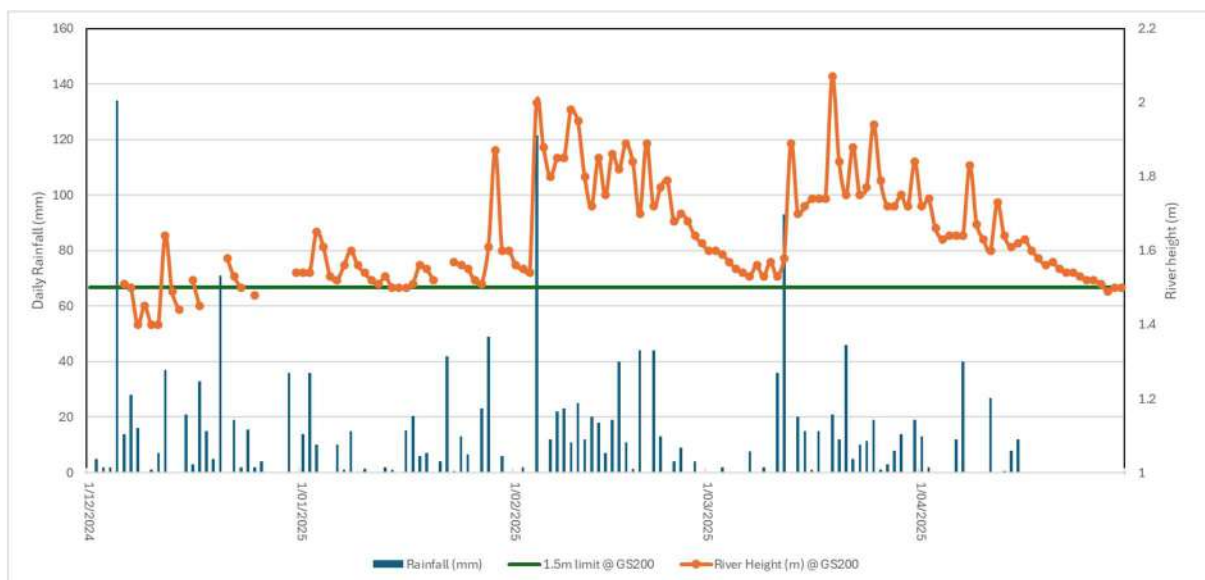


Figure 3 Site rainfall and river height @ GS200

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 2024 to 30 April 2025. 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 2024 to 2025

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	23.2	1.7	110.6	23.6	2.6	6.2	0.1
Max	33.4	14.4	335.2	334.0	691.0	7.6	51.1
Average	28.3	3.4	194.9	46.5	215.0	6.8	5.7
StDev	1.6	1.2	33.9	27.4	114.5	0.3	6.3

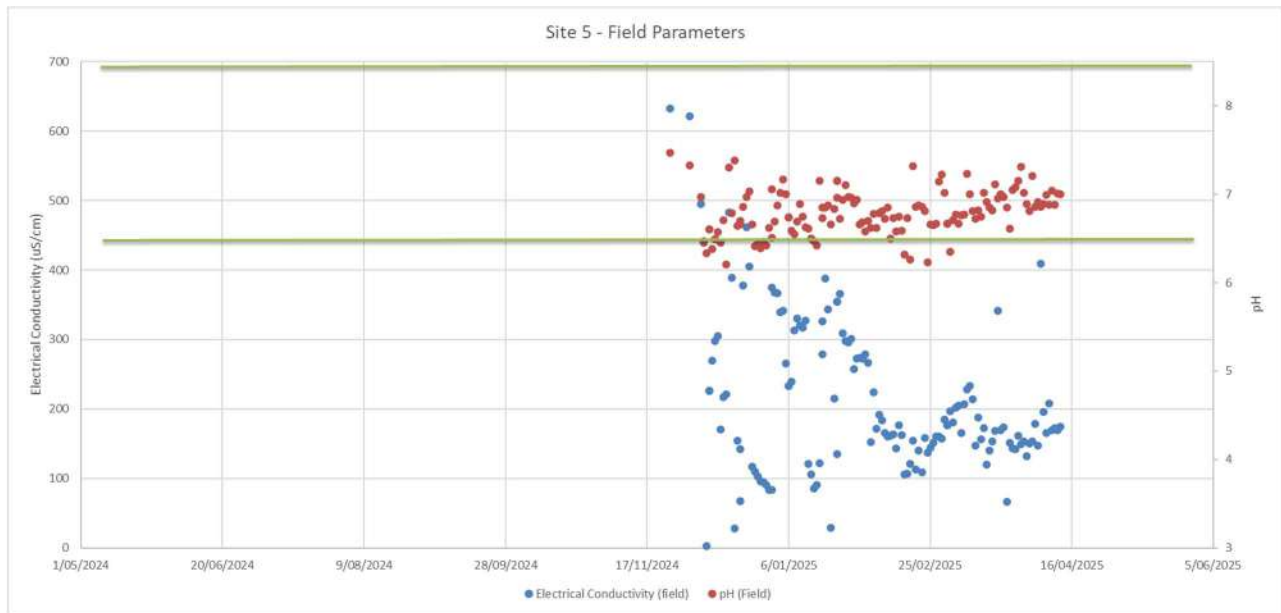


Figure 4 shows pH and EC at Site 5 during the reporting period. During the periods where discharge was occurring, pH and EC generally complied with the WDL discharge trigger values.

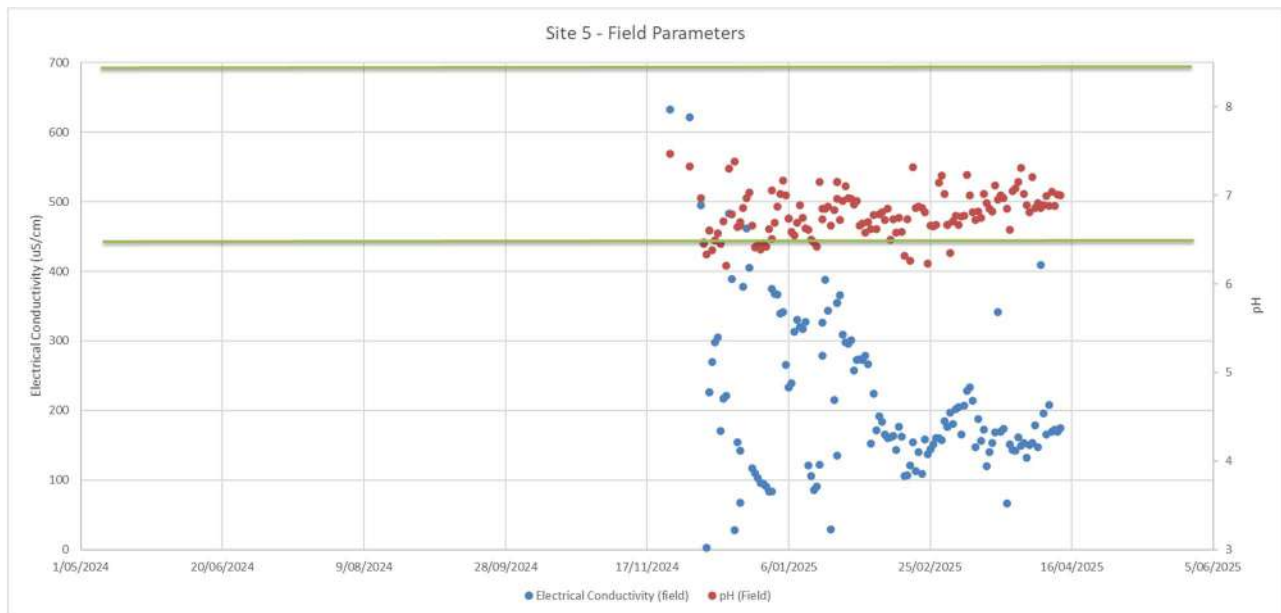


Figure 4 pH and EC from Site 5

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 2024 to 2025

Site 5	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)
	mg/L	mg/L	mg/L	mg/L	mg/L
Min	1.3	1.0	9.6	22.0	<5
Max	58.0	27.0	250.0	300.0	23.0
Avg	4.8	6.8	77.5	120.3	11.3
Stdev	8.2	6.2	54.0	77.1	5.2

Table 14 Site 5 filtered metals results basic statistics for 2024 to 2025

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	0.0500	0.0000	2.4000	0.0020	0.0010	0.0010	0.0500	0.0010	3.6000	0.0090	0.0010	0.5000	5.0000	0.0060
Max	0.1600	0.0000	43.0000	0.0020	0.0040	0.0070	0.6600	0.0020	57.0000	0.3900	0.0050	2.3000	6.0000	0.0340
Avg	0.0000	0.0000	14.3903	0.0000	0.0018	0.0033	0.1444	0.0000	19.5290	0.0600	0.0022	1.0017	5.6000	0.0200
Stdev	0.0000	0.0000	10.4820	0.0000	0.0010	0.0018	0.1311	0.0000	12.0576	0.0892	0.0012	0.0011	0.5477	0.0785

As described in the Monthly Discharge Reports (see Appendix G), 11 generally minor exceedances of the Site 5 trigger levels were recorded during the discharge period. 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 and/or Site 1, or from overland flow from outside the premises boundary.

Table 15 Exceedances of Site 5 trigger values for 2024 to 2025 during discharge events at Site 5

Date	Exceedance	Comments
6 December 2024 16 December 2024 20 December 2024 23 December 2024	Cu(f) 0.006 mg/L Cu(f) 0.006 mg/L and TSS 10 mg/L Cu(f) 0.0036 mg/L and TSS 23 mg/L Cu(f) 0.005 mg/L	High rainfall initial first flush from site. Poor quality water with high Cu concentrations measured at Site 1 and GS200 at same time.
6 January 2025 18 January 2025 20 January 2025	TSS 12 mg/L Cu(f) 0.004 mg/L Cu(f) 0.003 mg/L	Poor quality water with high Cu concentrations measured at Site 1 and GS200 at same time.
16 February 2025 17 February 2025 18 February 2025 23 February 2025	pH 6.32 TSS 7.1 mg/L pH 6.26 pH 6.23	TSS in off-site runoff water Poor quality water with high Cu concentrations measured at Site 1 and GS200 at same time.
3 March 2025 4 March 2025	Cu(f) 0.003 mg/L pH 6.35	Poor quality water with high Cu concentrations measured at Site 1 and GS200 at same time.

Exceedances of Site 5 trigger values for 2024 to 2025 during discharge period at Site 5 when not discharging

Date	Exceedance	Comments
9 December 2024	Cu (f) 0.007 mg/L	Not discharging
30 December 2024	Cu (f) 0.004 mg/L	Not discharging
13 January 2025	Cu (f) 0.004 mg/L	Not discharging

The discharge period commenced on 6 December 2025 and extended to the end of April 2025. During this discharge period, there were two periods where three or more consecutive sample results exceeded the trigger levels for filtered copper – namely;

- the period between 6 December 2024 to 30 December 2025 where six small Cu (f) exceedances were measured at Site 5 although this included two dates where no discharge was occurring, and
- the period between 13 January 2025 to 23 January 2025 where three small Cu (f) exceedances were measured at Site 5 although this included two dates where no discharge was occurring.

It should be noted that several samples have been collected, analysed and reported upon that were taken at a more frequent basis than the WDL weekly frequency required during the discharge period – for example see samples taken on 16, 20, 23 December 2024. The increased frequency of sampling has artificially given rise to exceedance of the three consecutive trigger requirement.

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 2024 to 30 April 2025. 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 2024 to 2025

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	22.2	3.4	20.9	47.3	258.0	8.8	0.1
Max	34.5	6.4	179.0	84.3	600.0	10.2	23.7
Average	30.2	4.4	97.5	58.8	393.4	9.4	7.1
StDev	2.8	0.8	39.1	10.4	94.5	0.3	5.2

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 2024 to 2025

Treat01	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)
	mg/L	mg/L	mg/L	mg/L	mg/L
Min	2.3	2.7	89.0	130.0	5.0
Max	25.0	7.2	270.0	290.0	25.0
Avg	4.8	4.3	151.9	186.5	12.3
Stdev	4.8	1.1	53.9	40.0	6.1

Table 18 Site Treat01 filtered metals results basic statistics for 2024 to 2025

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	0.000	0.000	9.300	0.000	0.001	0.002	0.090	0.002	10.000	0.007	0.001	0.600	0.000	0.006
Max	0.000	0.000	55.000	0.000	0.008	0.035	0.090	5.000	64.000	0.044	0.012	2.200	0.000	0.110
Avg	0.000	0.000	21.565	0.000	0.004	0.005	0.000	0.719	31.957	0.021	0.003	1.007	0.000	0.044
Stdev	0.000	0.000	14.905	0.000	0.003	0.007	0.000	1.888	12.463	0.020	0.003	0.378	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 2024 to 2025

Month	Discharge volume (m3)	Avg Cu conc (mg/L)	Load (kg)
Jan-25	178,079	0.002	0.356
Feb-25	243,663	0.002	0.460
25-Mar	183,049	0.002	0.403
25-Apr	149,216	0.002	0.388
Total			1.607

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 2024 to 30 April 2025
- Appendix F – Chain of Custody documentation for 1 May 2024 to 30 April 2025

7. DISCUSSION

Monitoring was undertaken in accordance with the requirements of WDL177-10 during the 2024-25 reporting period. Monthly discharge reports were submitted where discharge occurred during the months December 2024-April 2025. 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 or slightly exceeded the trigger limits for TSS, pH or Cu (f).

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 copper trigger were recorded generally early in the discharge period.

The discharge period commenced on 6 December 2024 and extended to the end of April 2025. During this discharge period, there were two periods where three or more consecutive sample results exceeded the trigger levels for filtered copper – namely;

- the period between 6 December 2024 to 30 December 2024 where six small Cu (f) exceedances were measured at Site 5 although this included two periods where no discharge was occurring, and
- the period between 13 January 2025 to 23 January 2025 where three small Cu (f) exceedances were measured at Site 5 although this included one period where no discharge was occurring.

It should be noted that several samples have been collected, analysed and reported upon that were taken at a more frequent basis than the WDL weekly frequency required during the discharge period – for example see samples taken on 16, 20, 23 December 2024. The increased frequency of sampling has artificially given rise to exceedance of the three consecutive trigger requirement.

On the basis of the monitoring data collected at Site 5 and particularly when Site 5 was actually discharging, the water quality of the discharge complies with, or slightly exceeds, the WDL limits. Given the WDL discharge limits are based on either 80% or 90%ile species protection levels, then it can be deduced that the discharge from the Browns Oxide Project is not having a significant impact on the environment.

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 location. 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. As such, discharge from Site 5 at the Browns Oxide Project is diluting the concentration of metals in the River, however is adding a small additional load of metals to the waterway.

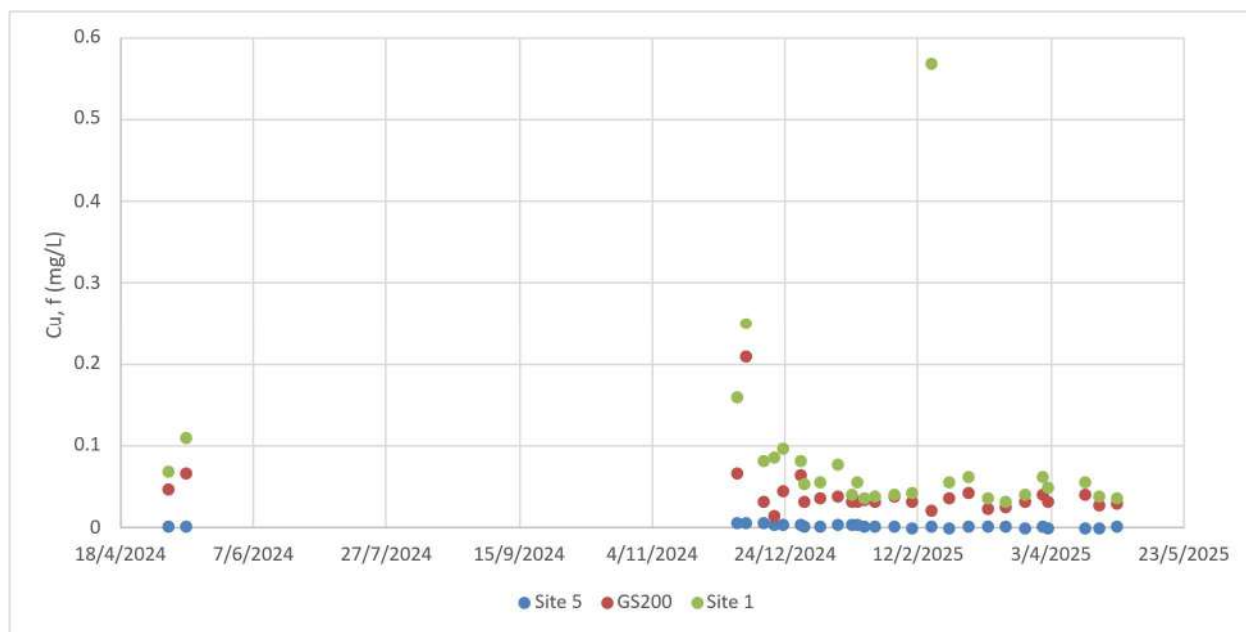


Figure 5 Comparison of filtered Cu from Site 5, Site 1 and GS200

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 2022 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, or slightly exceeded, the discharge trigger level requirements during period of discharge.

The discharge period commenced on 6 December 2025 and extended to the end of April 2025. During this discharge period, there were two periods where three or more consecutive sample results exceeded the trigger levels for filtered copper – namely;

- the period between 6 December 2024 to 30 December 2025 where six small Cu (f) exceedances were measured at Site 5 although this included two period where no discharge was occurring, and
- the period between 13 January 2025 to 23 December 2025 where three small Cu (f) exceedances were measured at Site 5 although this included two period where no discharge was occurring.

It should be noted that several samples have been collected, analysed and reported upon that were taken at a more frequent basis than the WDL weekly frequency required during the discharge period – for example see samples taken on 16, 20, 23 December 2024. The increased frequency of sampling has artificially given rise to exceedance of the three consecutive trigger level requirement.

On the basis of the monitoring data collected at Site 5 and particularly when Site 5 was actually discharging, the water quality of the discharge complies with, or slightly exceeds, the WDL limits.

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. As such, discharge from Site 5 at the Browns Oxide Project is diluting the concentration of metal in the River, however is adding a small additional load of metals to the waterway.

Given the WLD discharge limits are based on either 80% or 90%ile species protection levels, then it can be deduced that the discharge from the Browns Oxide Project is not having a significant impact on the environment.

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, NRMCC (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 MAY 2024 – APRIL 2025

	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	06 May 2024	7:36:00	colour= clear, flow= low, depth= .2	25.2	3.76		45.9	561	6.88
SITE1	13 May 2024	7:13:00	colour= yellow tinge, flow= very low, depth= .15	24.5	3.34	199	40.1	928	6.55
SITE1	06 Dec 2024	7:31:00	Colour= dirty, Depth = .2, Flow =	27.3	3.89	181	47.5	421	5.66
SITE1	09 Dec 2024	7:47:00	Colour = slightly discoloured Flow = low, Depth = .2,	29.2	4.05	169	52.1	696	5.86
SITE1	16 Dec 2024	7:36:00	Colour= disc, Depth =, Flow = low	28.3	3.97	186	50.6	297	6.33
SITE1	20 Dec 2024	18:50:00	Colour= dirty, Depth = .4, Flow =	26.1	4.15	265	51.9	188	5.21
SITE1	23 Dec 2024	7:38:00	Colour = Flow = low, Depth = .2,	28.2	3.94	215	50.4	369	6.9
SITE1	30 Dec 2024	7:36:00	Colour = clear, Flow = low, Depth = .3,	30.6	2.84	233	46.4	341	6.58
SITE1	31 Dec 2024	9:43:00	Colour= slight disc, Depth = .25, Flow =	30.6	4.13	209	537	198	6.64
SITE1	06 Jan 2025	8:18:00	Colour = clear, Flow = med, Depth = .2,	27.9	3.86	187	47.2	242	6.84
SITE1	13 Jan 2025	7:26:00	Colour = clear, Flow = low Depth = .2,	28.5	4.2	227	54.1	194	6.59
SITE1	18 Jan 2025	9:15:00	Colour= slight disc, Depth = .3, Flow = med	27	4.68	200	58.1	253	6.32
SITE1	20 Jan 2025	8:07:00	Colour = clear, Flow = low Depth = .3,	27.4	4.14	204	52.3	236	6.4
SITE1	23 Jan 2025	8:58:00	Colour= clear, Depth = .25, Flow =	28.3	4.32	152	55.7	228	7.12
SITE1	27 Jan 2025	7:33:00	Colour = clear, Flow = low Depth = .2,	27.7	4.45	211	57.4	258	7.09
SITE1	03 Feb 2025	7:54:00	Colour = clear, Flow = low Depth = .2,	28.6	4.1	200	52.8	201	6.51
SITE1	10 Feb 2025	7:44:00	Colour = clear, Flow = med, Depth = .25,	27.5	3.97	194	50.2	113	7.03
SITE1	17 Feb 2025	8:27:00	Colour = clear, Flow = fast, Depth = 1	28.3	4.51	300	57.4	167	4.51
SITE1	24 Feb 2025	7:46:00	Colour = clear, Flow = med, Depth = .3	28.3	4.09	228	51.9	152	6.27
SITE1	03 Feb 2025	7:54:00	Colour = clear, Flow = low Depth = .2,	28.6	4.1	200	52.8	201	6.51
SITE1	10 Feb 2025	7:44:00	Colour = clear, Flow = med, Depth = .25,	27.5	3.97	194	50.2	113	7.03
SITE1	17 Feb 2025	8:27:00	Colour = clear, Flow = fast, Depth = 1	28.3	4.51	300	57.4	167	4.51
SITE1	24 Feb 2025	7:46:00	Colour = clear, Flow = med, Depth = .3	28.3	4.09	228	51.9	152	6.27
SITE1	03 Mar 2025	7:46:00	Colour = clear, Flow = low, Depth = .25	29.7	3.95	256	50.9	185	6.96
SITE1	10 Mar 2025	8:18:00	Colour = clear, Flow = med, Depth = .2	28.7	3.77	205	48.1	208	7.05
SITE1	17 Mar 2025	8:20:00	Colour = clear, Flow = low, Depth = .3	28.4	6.42	196	83.5	129	7.15
SITE1	24 Mar 2025	8:04:00	Colour = clear, Flow = med, Depth = .2	27.8	5.38	180	69.4	110	6.9
SITE1	31 Mar 2025	8:10:00	Colour = clear, Flow = med, Depth = .25	27.7	5.96	268	76.7	161	6.88
SITE1	07 Apr 2025	8:48:00	Colour = clear, Flow = med, Depth = .3	28.3	6.84	250	88	123	6.94
SITE1	14 Apr 2025	7:43:00	Colour = clear, Flow = LOW, Depth = .2	27.8	5.8	212	75.2	131	7.16
SITE1	21 Apr 2025	7:57:00	Colour = clear, Flow = low, Depth = .2	27.5	6.49	206	83	170	7.26
SITE1	28 Apr 2025	8:16:00	Colour = clear, Flow = low, Depth = .15	27	5.37	185	68.4	245	7.39

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	24.5	2.8	152.0	40.1	110.0	4.5	4.6
Max	30.6	6.8	300.0	537.0	928.0	7.4	283.0
Average	28.0	4.5	214.2	72.3	254.3	6.5	23.6
StDev	1.2	0.9	35.1	85.6	177.7	0.7	53.5

Field ID	Date	Time	Sample Comments	Field						Inorganics
				Temperature (Field) oC	DO (Field) mg/L	Redox Potential (Field) mV	DO % Saturation (Field) %	Electrical Conductivity (field) µS/cm	pH (Field) -	Turbidity (Lab) NTU
SITE2	06 May 2024	9:02:00	dam gauge ht = 1.14, colour = clear	27.6	3.77		40.1	430	7.36	3.3
SITE2	13 May 2024	8:17:00	dam gauge ht = 1.09, colour = clear	27.1	3.49	216	43.4	432	7.4	2.9
SITE2	28 May 2024	7:45:00	dam gauge ht = .96, colour = clear	26.3	3.71	155	45.9	457	7.69	2.8
SITE2	28 May 2024	7:45:00	dam gauge ht = .96, colour = clear	26.3	3.71	155	45.9	457	7.69	2.8
SITE2	10 Jun 2024	8:10:00	dam gauge ht = 1.22, colour = clear	21.2	4.41	135	51.8	465	7.72	5.3
SITE2	24 Jun 2024	8:44:00	dam gauge ht = 1.5, colour = clear	22.9	3.92	156	46.2	496	7.57	2
SITE2	15 Jul 2024	8:09:00	dam gauge ht = 1.31, colour = clear	24.6	4.08	149	49.7	493	7.5	5
SITE2	29 Jul 2024	7:50:00	dam gauge ht = 1.45, colour = clear	23.9	4.02	160	49	528	7.656	1.3
SITE2	12 Aug 2024	7:44:00	dam gauge ht = 1.48, colour = clear	25.1	4.5	159	54.6	532	7.79	4.2
SITE2	26 Aug 2024	7:31:00	dam gauge ht = 1.35, colour = clear	28	3.61	147	46.8	561	7.37	3.9
SITE2	09 Sep 2024	8:00:00	dam gauge ht = 1.99, colour = clear	30	3.29	154	42.3	575	7.55	3.5
SITE2	23 Sep 2024	8:14:00	dam gauge ht = 1.2, colour = clear	31	3.92	149	51	585	7.57	1.4
SITE2	28 Oct 2024	8:08:00	dam gauge ht = .91, colour = clear	33.1	3.67	153	49.3	640	7.97	3.1
SITE2	04 Nov 2024	7:47:00	dam gauge ht = .91, colour = clear	31	3.93	152	52.2	626	7.73	4.5
SITE2	11 Nov 2024	7:39:00	dam gauge ht = .85, colour = clear	32.5	3.25	161	43.7	632	7.96	2.6
SITE2	19 Nov 2024	8:20:00	dam gauge ht = 1.15, colour = clear	30.3	3.6	154	48.1	636	7.82	3.9
SITE2	25 Nov 2024	7:50:00	dam gauge ht = 1.22, colour = clear	31.5	3.49	143	47.2	590	7.69	4
SITE2	02 Dec 2024	8:16:00	dam gauge ht = 1.47, colour = clear	32.2	3.26	182	44.4	577	7.66	3.6
SITE2	09 Dec 2024	9:30:00	dam gauge ht = 1.35, colour = clear	31.8	3.81	139	51.2	537	7.34	6.1
SITE2	16 Dec 2024	9:49:00	dam gauge ht = 1.43, colour = clear	32.4	3.17	158	43.3	526	7.46	4.6
SITE2	23 Dec 2024	9:05:00	dam gauge ht = .78, colour = clear	30.3	3.32	160	44.1	488	7.41	8.1
SITE2	30 Dec 2024	9:14:00	dam gauge ht = 1.23, colour = clear	33.7	2.97	161	40.6	441	7.4	5.7
SITE2	06 Jan 2025	9:59:00	dam gauge ht = .23, colour = clear	31.4	2.96	130	39.9	460	7.17	4
SITE2	13 Jan 2025	8:59:00	dam gauge ht = .3, colour = clear	31.9	3.61	159	4.4	425	7.21	3.5
SITE2	20 Jan 2025	9:48:00	dam gauge ht = .28, colour = clear/surface scum	31.9	4.48	137	57.1	428	7.39	9.8
SITE2	27 Jan 2025	9:16:00	dam gauge ht = .27, colour = clear	32.1	3.88	135	53.8	425	7.46	7.4
SITE2	03 Feb 2025	9:23:00	dam gauge ht = .26, colour =	31.3	3.37	146	46.3	403	7.6	4.4
SITE2	10 Feb 2025	9:14:00	dam gauge ht = .28, colour =	28.9	3.3	168	42.1	341	7.29	7
SITE2	17 Feb 2025	7:52:00	dam gauge ht = .26, colour = clear	29.2	3.87	254	48.8	351	7.02	5.9
SITE2	24 Feb 2025	9:21:00	dam gauge ht = .26, colour = clear	31.7	3.62	141	48.2	307	7.24	5.1
SITE2	03 Mar 2025	9:19:00	dam gauge ht = .26, colour = clear	32.6	3.14	175	43.7	321	7.4	4.3
SITE2	10 Mar 2025	9:49:00	dam gauge ht = .26, colour = clear	32.3	3.45	157	47.1	348	7.72	4.4
SITE2	17 Mar 2025	10:01:00	dam gauge ht = .26, colour = clear	31.9	5.75	148	78.4	300	7.62	2.77
SITE2	24 Mar 2025	9:59:00	dam gauge ht = .26, colour = clear	29.9	5.27	135	69.8	296	7.48	2.05
SITE2	31 Mar 2025	9:53:00	dam gauge ht = .28, colour = clear	30.2	5.62	180	75	274	7.51	1.81
SITE2	07 Apr 2025	10:12:00	dam gauge ht = .27, colour = clear	31.8	6.11	147	82.4	302	7.66	1.7
SITE2	14 Apr 2025	9:17:00	dam gauge ht = .27, colour = clear	30.8	5.32	137	71.5	270	7.56	2.16
SITE2	21 Apr 2025	9:17:00	dam gauge ht = .27, colour = clear	30.2	6.22	165	82.9	326	7.51	2.02
SITE2	28 Apr 2025	9:38:00	dam gauge ht = .27, colour = clear	28.8	5.22	173	68	330	7.45	2.2

Site 2	Temperature (Field) oC	DO (Field) mg/L	Redox Potential (Field) mV	DO % Saturation (Field) %	Electrical Conductivity (field) µS/cm	pH (Field) -	Turbidity (Lab) NTU
Min	21.2	3.0	130.0	4.4	270.0	7.0	1.3
Max	33.7	6.2	254.0	82.9	640.0	8.0	9.8
Average	29.7	4.0	157.5	51.0	451.6	7.5	4.0
StDev	3.0	0.9	22.8	14.2	112.8	0.2	1.9

		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
During discharge								
Immediately before discharge								

Field ID	Date	Time	Sample Comments						
SITE4	06 May 2024	8:49:00	colour= clear, flow= low, depth= 0.1	23.4	2.91		34.5	41.2	6.06
SITE4	13 May 2024	8:05:00	colour= clear, flow= very low, depth= 0.1	23.9	2.43	227	29.1	52.8	6.26
SITE4	06 Dec 2024	8:38:00	Colour= slight disc, Depth = .1,	27.3	3.34	177	41.7	26.6	5.82
SITE4	07 Dec 2024	8:05:00	Colour= clear, Clarity = clear, Flow= trickling, Depth=	28.6	2.41	161.8	29.4	31.1	5.87
SITE4	08 Dec 2024	8:15:00	Colour= clear, Clarity = clear, Flow= trickling, Depth=	28	1.85	186.3	23.2	33.4	5.67
SITE4	09 Dec 2024	8:56:00	Colour= slightly discoloured, Clarity = , Flow= low De	27.7	2.82	200	26	49	6.59
SITE4	10 Dec 2024	7:23:00	Colour= dirty, Flow= poor, Depth= .05	27.3	1.15	212.2	3.8	54.6	5.56
SITE4	11 Dec 2024	6:36:00	Colour= clear, Flow= poor, Depth= .01	27.8	16	222.5	18.7	56.7	5.46
SITE4	12 Dec 2024	6:43:00	Colour= cloudy, Flow= v poor, Depth= .05	27.8	1.43	215.3	22.3	46.5	5.46
SITE4	13 Dec 2024	10:38:00	Colour= brownish, Clarity = Flow= average, Depth=	30.8	2.16	175	36.8	44.3	5.24
SITE4	14 Dec 2024	6:45:00	Colour = clear, clarity = clear, flow = little depth = 0.	27.8	1.41	205.4	18.1	35.6	5.73
SITE4	15 Dec 2024	6:45:00	Colour = clear, clarity = clear, flow = steady, depth =	27.5	2.36	199.3	31.1	33.2	5.83
SITE4	16 Dec 2024	9:35:00	Colour= slight disc, Flow = low,	29	2.92	186	37.8	40.9	6.08
SITE4	17 Dec 2024	8:15:00	Colour = clear, clarity = clean, flow = good, depth = 0	28.7	216	166.5	27.9	33.1	6.05
SITE4	18 Dec 2024	7:33:00	Colour = clear, clarity = clear, flow = low- med, depth=	26.2	2.84	231.5	35.7	29.5	5.51
SITE4	19 Dec 2024	7:21:00	Colour = slightly cloudy, clarity = cloudy, flow = low-	26.1	3.88	219.2	49.3	291	5.71
SITE4	20 Dec 2024	6:50:00	Colour = clear, clarity = clear, flow = low-med, depth=	26.9	2.43	225.2	30.6	31.3	5.62
SITE4	20 Dec 2024	19:56:00	Colour= dirty, Depth = .3, Flow = fast,	25.3	4.07	212	50.3	20.9	6.13
SITE4	21 Dec 2024	7:27:00	Colour = clear, clarity = clear, flow = low-med, depth=	25.7	3.28	198.4	39.84	25.3	5.5
SITE4	22 Dec 2024	8:55:00	Colour = clear, clarity = clear, flow = steady depth =	29.5	3.52	160.9	40.8	25.2	5.88
SITE4	23 Dec 2024	8:39:00	Colour = slight disc, clarity = , flow = low, depth = .2	27.3	3.12	197	39.2	37.8	5.82
SITE4	23 Dec 2024	8:39:00	Colour = slight disc, Flow = low, Depth = .2	27.3	3.12	197	39.2	37.8	5.82
SITE4	24 Dec 2024	7:55:00	Colour = clear, clarity = clear, flow = steady, depth =	26.5	2.81	159.4	34.3	25.8	6.06
SITE4	25 Dec 2024	8:55:00	Colour = clear, clarity = clear, flow = steady, depth =	27.2	2.89	17.6	36.2	24.2	5.96
SITE4	26 Dec 2024	9:19:00	Colour = clear, Clarity = flow = good, depth = .15	30.9	2.74	176.9	46.1	123.3	5.72
SITE4	27 Dec 2024	8:35:00	Colour = clear, Clarity = flow = Ave - good, depth = .	29	2.88	196.2	46.7	39.6	5.52
SITE4	28 Dec 2024	9:11:00	Colour = clear, flow = ave depth = 0.12	30.6	2.62	194.1	43.3	229.1	5.66
SITE4	29 Dec 2024	9:08:00	Colour = clear, flow = ave, depth = 0.11	29.9	3.03	178.3	49.5	36	5.59
SITE4	30 Dec 2024	8:47:00	Colour = clear, Flow = med, Depth = .2	30.8	3.32	193	43.4	24.7	5.93
SITE4	31 Dec 2024	7:45:00	Colour = clear, Clarity = clean, flow = good, depth =	28.1	3.64	173.7	41.1	20.3	6.02
SITE4	31 Dec 2024	10:31:00	Colour= clear, Depth = .3, Flow = med,	32	3.85	170	51.4	24.9	6.01
SITE4	01 Jan 2025	7:50:00	Colour= clear, Clarity = clean, Flow= good, Depth= .0	27.8	2.58	198.1	32.2	28.3	6.07
SITE4	02 Jan 2025	7:55:00	Colour= clear, Clarity = clean, Flow= good, Depth= .4	28.4	3.04	209.8	38.4	27.4	5.83
SITE4	03 Jan 2025	7:03:00	Colour= clear, Clarity = clear, Flow= low, Depth= .5	27.6	3.34	219.5	43.2	23.8	7.02
SITE4	04 Jan 2025	8:23:00	Colour= clear, Clarity = clear, Flow= low, Depth= .1	27.5	3.3	230.9	42.6	25.6	6.5
SITE4	05 Jan 2025	7:10:00	Colour= clear, clarity = clear, Flow= low, Depth= .1-	28.3	3.2	235.2	43.3	26.7	6.44
SITE4	06 Jan 2025	9:29:00	Colour=clear, Clarity = Flow= low, Depth= .15	27.9	3.71	165	47.2	33.5	6.07
SITE4	07 Jan 2025	9:15:00	Colour = clear, Clarity = clear, Flow= steady, Depth=	27.7	3.61	163.9	45	25.8	6.13
SITE4	08 Jan 2025	6:41:00	Colour = clear, clarity = flow = med, depth = 0.15	26.7	2.72	239	34.3	70.3	5.54
SITE4	09 Jan 2025	6:52:00	Colour = clear, clarity = flow = med depth = 0.15	27.2	3.18	212	39.9	34.6	5.74
SITE4	10 Jan 2025	8:20:00	Colour = clear, clarity = clear, flow = steady, depth =	27	2.77	162.6	35.9	22.7	6.14
SITE4	11 Jan 2025	9:40:00	Colour = clear, clarity = flow = ave-good, depth = 0.3	29.3	3.91	233.6	50.5	46.3	5.61
SITE4	12 Jan 2025	9:27:00	Colour = clear, clarity = flow = ave, depth = 0.15	28.9	2.5	232.2	40.6	37.9	5.84
SITE4	13 Jan 2025	8:28:00	Colour = clear clarity = flow = low, depth = 0.1	28.8	3.64	192	48	35.6	5.98
SITE4	14 Jan 2025	6:36:00	Colour = clear, clarity = , flow = low, depth = 0.15	26.9	3.14	209	39.2	39.8	5.92
SITE4	15 Jan 2025	6:45:00	Colour = clear, clarity = , flow = low depth = .2	27.2	3.02	205	37.7	31.2	5.58
SITE4	16 Jan 2025	6:44:00	Colour = clear, clarity = , flow = low, depth = .15	27.2	2.95	241	36.4	36.4	5.71
SITE4	17 Jan 2025	15:45:00	Colour = clear, clarity = clean, flow = good, depth =	28	3.91	206.5	50.1	26.9	6.78
SITE4	18 Jan 2025	7:45:00	Colour = clear, clarity = clean, flow = good, depth =	25.3	4.54	226.5	57.3	29.1	6.14
SITE4	18 Jan 2025	10:04:00	Colour= clear, Depth = .2, Flow = low,	27.4	4.31	207	54.6	24.3	6.02
SITE4	19 Jan 2025	7:30:00	Colour = slightly dirty, clarity = clear, flow = low-m	26.8	3.59	246.5	43.7	30.8	5.46
SITE4	20 Jan 2025	9:17:00	Colour = clear, clarity = , flow = low, depth = .15	27.7	3.82	174	48.8	25.1	6.08
SITE4	21 Jan 2025	7:26:00	Colour = cloudy, clarity = cloudy , flow = low, depth =	28.1	3.07	220.8	39.2	36.6	5.53
SITE4	22 Jan 2025	7:17:00	Colour = cloudy, clarity = , flow = low, depth = .1	27.6	2.66	248	34.1	130	6.29
SITE4	23 Jan 2025	9:55:00	Colour = clear, clarity = flow = low, depth = .1	29	4	161	52.3	24	6.53
SITE4	24 Jan 2025	7:50:00	Colour = clear, clarity = clear, flow = steady, depth =	28.1	2.47	194.4	52.6	25.5	5.9
SITE4	25 Jan 2025	6:45:00	Colour = clear, clarity = flow = low, depth = .01	27	2.49	218	32	37	6.42
SITE4	26 Jan 2025	8:15:00	Colour = clear, clarity = clear, flow = steady, depth =	27.7	2.16	204.2	28.4	22	6.5
SITE4	27 Jan 2025	8:55:00	Colour = clear, clarity = clear, flow = low, depth = .3	28.1	3.31	197	43	27	6.41
SITE4	28 Jan 2025	10:50:00	Colour = clear, clarity = , flow = ave, depth = .11	32	5.12	200.6	69.9	43	6.68
SITE4	29 Jan 2025	11:06:00	Colour = clear, clarity = , flow = good, depth = .13	28.2	5.4	207	61.4	106	6.8
SITE4	30 Jan 2025	11:02:00	Colour = clear, clarity = , flow = good, depth = .12	30.5	4.56	223.6	61.2	190	6.76
SITE4	31 Jan 2025	9:05:00	Colour = clear, Clarity = clean, Flow = good, Depth =	27.2	3.48	163.9	44	25.9	5.99
SITE4	01 Feb 2025	8:15:00	Colour= clear, Clarity = clean, Flow= good, Depth= .1	27.6	3.11	179.2	39.7	23.5	5.9
SITE4	02 Feb 2025	8:45:00	Colour= clear, Clarity = clean, Flow= good, Depth= .	28.7	2.76	247.6	35.8	24.9	5.99
SITE4	03 Feb 2025	8:57:00	Colour= clear, Clarity = Flow= low, Depth= .1	28.6	3.83	185	50.9	31.1	5.99
SITE4	04 Feb 2025	9:00:00	Colour= cloudy, Clarity = cloudy, Flow= med, Depth=	23.8	4.06	276.7	48.1	16.4	5.52
SITE4	05 Feb 2025	8:50:00	Colour= clear, clarity = clear, Flow= low - med, Depth=	25.5	3.42	223.6	41.7	25.6	5.58
SITE4	06 Feb 2025	8:24:00	Colour=clear, Clarity = clear, Flow= low - med, Depth=	25.9	3.94	213.2	46.8	19.37	5.69
SITE4	07 Feb 2025	7:15:00	Colour= clear, Clarity = clear, Flow= low Depth= .1	26.5	4.07	222.5	48.1	22.4	5.76
SITE4	08 Feb 2025	7:50:00	Colour = clear, clarity = slight dis, flow = steady, dep	26.9	2.95	214.5	37.7	21.5	5.7
SITE4	09 Feb 2025	7:55:00	Colour = clear, clarity = clear, flow = steady, depth =	26.9	2.92	237.9	38.2	20.8	5.8
SITE4	10 Feb 2025	8:49:00	Colour = clear, clarity = flow = med, depth = .2	27	3.21	198	40.1	23.4	6.12
SITE4	11 Feb 2025	8:15:00	Colour = clear, clarity = clear, flow = steady, depth =	27.5	2.99	168.8	37	18.11	5.78
SITE4	12 Feb 2025	9:05:00	Colour = clear, clarity = flow = good, depth = 0.15	28.1	3.27	227	42.8	242	6.49
SITE4	13 Feb 2025	9:14:00	Colour = clear, clarity = flow = v good, depth = 0.17	26.9	3.07	226.7	49.7	43.6	5.6

SITE4	14 Feb 2025	9:20:00	Colour = clear, clarity = , flow = v good, depth = 0.1	27.2	3.08	196.2	47.7	23.6	6.16	2.9
SITE4	15 Feb 2025	11:40:00	Colour = clear, clarity = , flow = v good, depth = .15	28.9	3.95	199.3	62	90.4	5.83	3.8
SITE4	16 Feb 2025	8:45:00	Colour = clear, clarity = clean, flow = good, depth =	26.6	3.56	219.5	44	18.46	5.99	4.1
SITE4	17 Feb 2025	9:40:00	Colour = clear, clarity = flow = med, depth = .2	28.5	4.35	175	55.6	20.1	6.2	3.4
SITE4	18 Feb 2025	8:00:00	Colour = clear, clarity = clean, flow = good, depth =	27.2	3.18	199.3	40.1	18.81	5.75	3.2
SITE4	19 Feb 2025	7:40:00	Colour = clear, clarity = clean, flow = good, depth =	27.9	3.01	211.4	38.6	25.9	6.33	3.2
SITE4	20 Feb 2025	7:25:00	Colour = clear, clarity = clear, flow = low - med, dep	26.4	4.19	252.6	41.2	23.8	6.16	3.6
SITE4	21 Feb 2025	7:09:00	Colour = clear, clarity = clear, flow = low, depth = 5	27.6	4.47	199.9	53.4	25.9	6.16	4.4
SITE4	22 Feb 2025	10:52:00	Colour = clear, clarity = clear, flow = low, depth = .1	29.5	5.1	226.4	66.4	17.55	5.24	2.3
SITE4	23 Feb 2025	7:03:00	Colour = clear, clarity = clear, flow = low, depth = .1	26.4	3.88	213.1	44.3	18.73	5.26	3.2
SITE4	24 Feb 2025	8:53:00	Colour = clear, clarity = , flow = med, depth = .2	27.8	3.85	164	49.2	19	5.95	2.8
SITE4	25 Feb 2025	7:35:00	Colour = clear, clarity = clear, flow = steady, depth	27.3	3.3	68.5	41	23.2	5.66	2.8
SITE4	26 Feb 2025	7:30:00	Colour = clear, clarity = clear, flow = steady, depth =	27.2	3.13	193.6	38.6	20.01	5.85	2.4
SITE4	27 Feb 2025	7:15:00	Colour = clear, clarity = clear, flow = steady, depth	27.6	3.16	220.4	39.7	19.6	6.08	3.4
SITE4	28 Feb 2025	11:51:00	Colour = clear, clarity = , flow = ave, depth = .11	31.2	3.99	217.9	66.1	61.8	6.95	3.3
Site4	01 Mar 2025	8:40:00	Colour= clear, Clarity = Flow= ave, Depth=.11	27.7	2.57	236	39.1	29.8	6.57	2.8
Site4	02 Mar 2025	9:20:00	Colour= clear, Clarity = Flow= ave, Depth=.1	28.5	3.4	276.5	49	98.3	6.56	2.9
Site4	03 Mar 2025	8:51:00	Colour= clear, Clarity = Flow= low, Depth=.15	28.6	3.48	199	45.2	24.5	6.14	3.5
Site4	04 Mar 2025	8:20:00	Colour= clear, Clarity = clean, Flow= good, Depth=.	28.2	3.25	236.1	42.3	20.2	6.07	3.2
Site4	05 Mar 2025	8:15:00	Colour= clear, clarity = clear, Flow= good, Depth=.1	28.1	2.94	255	37.7	22.3	5.81	3.33
Site4	06 Mar 2025	8:00:00	Colour=clear, Clarity = clean, Flow= good, Depth=.1	28.6	3.02	238.4	39.6	22.51	5.97	3.3
Site4	07 Mar 2025	8:20:00	Colour= clear, Clarity = clean, Flow= good, Depth=	27.2	3.12	245.6	39	21.82	6.15	4.1
Site4	08 Mar 2025	7:34:00	Colour = clear, clarity = clear, flow = low, depth = 0.	26.9	3.52	253.6	44.8	23.4	6.1	3.2
Site4	09 Mar 2025	7:11:00	Colour = clear, clarity = clear, flow = low depth = 0.3	27.3	2.99	251.7	38.6	25.5	6.13	5.1
Site4	10 Mar 2025	9:25:00	Colour = clear, clarity = flow = low, depth = .1	28.9	3.71	185	48.1	22.7	6.23	3.2
Site4	11 Mar 2025	8:29:00	Colour = clear, clarity = clear, flow = low, depth = 0.	28.2	3.34	239.3	43.1	34.8	6.12	3.9
Site4	12 Mar 2025	7:15:00	Colour = clear, clarity = clear, flow = steady, depth =	27	3.85	219.7	45.7	22.6	6.11	4.5
Site4	13 Mar 2025	7:00:00	Colour = clear, clarity = slightly disc, flow = steady,	27	3.57	238.7	43.3	19.92	5.94	7.6
Site4	14 Mar 2025	6:55:00	Colour = clear, clarity = clear, flow = steady, depth	28.2	3.44	225.3	43.9	24	6.2	3.7
Site4	15 Mar 2025	7:10:00	Colour = clear, clarity = clear, flow = steady, depth	26.8	3.3	238.5	41.1	21.44	6.14	4.1
Site4	16 Mar 2025	13:41:00	Colour = clear, clarity = flow = good, depth = .11	34.7	3.58	231.3	61.9	63.6	6.59	3.6
Site4	17 Mar 2025	9:30:00	Colour = clear, clarity = flow = med, depth = .2	28.4	5.69	183	73.3	20	6.55	3.24
Site4	18 Mar 2025	11:06:00	Colour = clear, clarity = flow = good, depth =.11	30.23	0.17	227.1	82.4	19	7.23	3.47
Site4	19 Mar 2025	9:00:00	Colour = clear, clarity = flow = good, depth = .11	27.97	5.35	292.6	69.2	19	6.74	2.98
Site4	20 Mar 2025	8:30:00	Colour = clear, clarity = clean, flow = good, depth =	27.5	5.1	230.3	65.4	20	6.83	2.59
Site4	21 Mar 2025	8:15:00	Colour = clear, clarity = clean, flow = good, depth =	27.2	5.17	222.8	66.5	25	7.32	2.76
Site4	22 Mar 2025	8:45:00	Colour = clear, clarity = clean, flow = good, depth =	27.6	5.32	221.8	68.3	19	7.12	3.34
Site4	23 Mar 2025	8:45:00	Colour = clear, clarity = clean, flow = good, depth =	27.2	5.76	188.9	73.9	18	7.12	7.26
Site4	24 Mar 2025	9:19:00	Colour = clear, clarity = , flow = med, depth = .2	28.1	4.86	171	61.6	25	6.48	4.15
Site4	25 Mar 2025	8:43:00	Colour = clear, clarity = clear, flow = low-med, dep	27.4	3.85	248.2	58.2	41.8	6.22	6.4
Site4	26 Mar 2025	7:01:00	Colour = clear, clarity = clear, flow = low-med, depth	26.8	4.22	237.5	52.1	23.4	6.41	4.1
Site4	27 Mar 2025	7:08:00	Colour = clear, clarity = clear, flow = low-med, depth	27.2	3.61	233.4	43.9	21.74	6.55	3.9
Site4	28 Mar 2025	7:20:00	Colour = clear, clarity = clear, flow = steady, depth	27.4	4.53	217.3	57	21.1	6.63	4.5
Site4	29 Mar 2025	7:31:00	Colour = clear, clarity = clear, flow = steady, depth	27.6	3.69	220.6	47.1	20.59	6.7	4.7
Site4	30 Mar 2025	7:20:00	Colour = clear, clarity = clear, flow = steady, depth	27.4	3.6	270.5	46.7	20.45	6.42	5.5
Site4	31 Mar 2025	9:23:00	Colour = clear, clarity = clear, flow = steady, depth	27.9	5.58	215	72	27	6.44	3.4
SITE4	01 Apr 2025	10:03:00	Colour= clear, Clarity = Flow= good, Depth= .2	27.9	6.11	305.9	78.7	44	6.95	2.74
SITE4	02 Apr 2025	11:11:00	Colour= clear, Clarity = Flow= good, Depth= .2	30	5.37	214.4	69.5	201.8	6.82	4.7
SITE4	03 Apr 2025	11:30:00	Colour= clear, Clarity = Flow= good, Depth= .17	30.1	4.22	211.4	66.5	40.2	6.57	1.9
SITE4	04 Apr 2025	11:50:00	Colour= clear, Clarity = Flow= good, Depth=.15	31.03	8.78	242.3	117.5	38.1	6.68	2.84
SITE4	05 Apr 2025	7:50:00	Colour= clear, clarity = clean, Flow= good, Depth=.1	26.4	5.46	213.9	69.5	19	7.43	3.62
SITE4	06 Apr 2025	8:25:00	Colour=clear, Clarity = clean, Flow= good, Depth=.1	27	5.36	251.9	68.1	23	7.05	3.16
SITE4	07 Apr 2025	8:15:00	Colour= clear, Clarity = Flow= med, Depth= .2	26.6	6.04	239	75.8	22	7.3	3.76
SITE4	08 Apr 2025	8:20:00	Colour = clear, clarity = clean, flow = good, depth = 0	27.1	3.68	208.7	44.6	29.6	6.35	2.8
SITE4	09 Apr 2025	7:32:00	Colour = clear, clarity = clear, flow = low-med, depth	26.5	3.77	237.5	46.4	22.1	6.23	1
SITE4	10 Apr 2025	7:18:00	Colour = clear, clarity = clear, flow = low, depth = .1	26.6	3.41	239.6	46.1	22.7	6.25	1.2
SITE4	11 Apr 2025	8:05:00	Colour = clear, clarity = clear, flow = low, depth = 0.	26.9	3.42	245.5	41.7	29.1	6.31	2
SITE4	12 Apr 2025	8:23:00	Colour = clear, clarity = clear, flow = low, depth = 0.1	27	4.07	281.2	47.2	26.6	6.28	1.4
SITE4	13 Apr 2025	7:25:00	Colour = clear, clarity = clear, flow = steady, depth	27.5	3.5	244.7	36.7	36.5	6.35	2.8
SITE4	14 Apr 2025	8:50:00	Colour = clear, clarity = flow = low, depth = 0.15	27.5	5	185	63.8	19	6.46	5.37
SITE4	15 Apr 2025	7:25:00	Colour = clear, clarity = clear, flow = steady, depth	27.1	3.29	187.2	43.97	20.68	6.61	3.7
SITE4	16 Apr 2025	7:15:00	Colour = clear, clarity = clear, flow = steady, depth	27.1	2.91	218.9	36.5	21.9	6.4	4.2
SITE4	17 Apr 2025	9:03:00	Colour = clear, clarity = flow = ave, depth = .07	26.59	4.75	283.9	59.9	51	6.47	3.05
SITE4	18 Apr 2025	8:53:00	Colour = clear, clarity = flow = fair, depth .07	27.16	4.75	275.8	60.6	29	6.63	4.34
SITE4	19 Apr 2025	7:42:00	Colour = clear, clarity = flow = ave, depth = .05	26.42	4.7	277	59.1	24	6.49	3.85
SITE4	20 Apr 2025	7:48:00	Colour = clear, clarity = flow = fair depth = .05	26.46	4.51	258.8	56.7	42	6.51	3.74
SITE4	21 Apr 2025	8:52:00	Colour = clarity = flow = depth =	27.2	6.07	216	75	23	6.32	3.84
SITE4	22 Apr 2025	8:25:00	Colour = clear, clarity = clean, flow = good, depth = .	27.2	4.93	256.4	63.9	26	6.67	4.6
SITE4	23 Apr 2025	8:00:00	Colour = clear, clarity = clean, flow = good, depth =	25.2	5.8	191.4	70.9	20	7.13	4.4
SITE4	24 Apr 2025	7:55:00	Colour = clear, clarity = clean, flow = good, depth = .	22.9	5.27	203.9	62.3	21	6.61	3.62
SITE4	25 Apr 2025	7:33:00	Colour = clear, clarity = clear, flow = low-med, dep	24	3.83	269.6	41.5	26.5	6.32	4
SITE4	26 Apr 2025	7:04:00	Colour = clear, clarity = clear, flow = low, depth = 5-1	24.9	3.49	278.3	39.2	27.4	6.39	4
SITE4	27 Apr 2025	7:02:00	Colour = clear, clarity = clear, flow = low, depth = 5	25.5	3.19	272.4	37.7	25.4	6.42	3.7
SITE4	28 Apr 2025	9:10:00	Colour = clear, clarity = , flow = low, depth = .1	26.3	4.35	223	54.1	18	6.19	3.54
SITE4	29 Apr 2025	6:57:00	Colour = clear, clarity = , flow = low, depth = .1	25.1	4.49	285	55.1	15	6.58	4.14
SITE4	30 Apr 2025	7:35:00	Colour = clear, clarity = clear, flow = trickle, depth =	23.6	2.98	245.9	35.2	30.1	6.39	4.2

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		22.9	0.2	17.6	3.8	15.0	5.2	1.0
Max		34.7	216.0	305.9	117.5	291.0	7.4	113.6
Average		27.6	5.1	215.1	47.2	37.9	6.2	8.9
StDev		1.6	17.3	37.2	14.3	40.4	0.5	13.3

During discharge

Immediately before discharge

During discharge

Immediately before discharge

WQ177-30 Trigger Values

Field							Inorganics
Temperature (°F/°C)	DO (p-µM)	Redox Potential (mV)	DO % Saturation (p-µM)	Electrical Conductivity (µS/cm)	pH (Field)	Turbidity (Lab)	
°C	mg/L	mV	%	µS/cm			NTU

SITES	Date	Time	Sample Comments	Temp (°C)	DO (p-µM)	Redox Potential (mV)	DO % Saturation (p-µM)	Electrical Conductivity (µS/cm)	pH (Field)	Turbidity (Lab)	
SITES	06 May 2024	8:14:00	colour = clear, flow= low, depth= 0.2	23.3	3.54		40.4	181	7.08	6.7	
SITES	13 May 2024	7:38:00	colour = clear, flow= very low, depth= 1.2	23.2	2.86	273	33.7	482	7.33	7.2	
SITES	19 Nov 2024	7:58:00	Colour = clear, flow = v low, Depth = 2	26.2	3.37	187	41.5	491	6.62	2.3	
SITES	25 Nov 2024	7:29:00	Colour = clear, flow = v slow, Depth = 2	26.8	2.86	177	35.4	633	7.47	3.6	
SITES	02 Dec 2024	7:59:00	Colour = clear, flow = low, Depth = 2	28.3	2.37	174	29.9	621	7.33	1.4	
SITES	06 Dec 2024	6:23:00	Colour = clear, Depth = 46	20.7	3.34	162	43.7	495	6.97	8.1	
SITES	07 Dec 2024	6:45:00	Colour = clear, Clarity = clear, flow = steady, depth = 0.28	29.5	2.75	110.6	36.5	441	6.45	11	
SITES	08 Dec 2024	7:55:00	Colour = slight disc, Clarity = clear, flow = steady, depth = 0.28	27.9	2.81	148.1	36.7	2.57	6.33	34.1	
SITES	09 Dec 2024	8:15:00	Colour = disc, med = low, Depth = 28	27.5	2.92	146	36.8	226	6.6	28.6	
SITES	09 Dec 2024	9:15:00	Colour = discoloured, flow = med, depth = 0.28	27.5	2.92	146	36.8	226	6.6	28.6	
SITES	10 Dec 2024	7:38:00	Colour = clear, flow = average, depth = 0.25	27.4	2.09	189.3	26.1	270	6.38	10.2	
SITES	11 Dec 2024	6:53:00	Colour = clear, flow = poor, depth = 0.22	27.8	1.84	198	23.6	298	6.49	9.2	
SITES	12 Dec 2024	7:02:00	Colour = brownish, flow = good, depth = 0.23	27.3	1.72	186.3	27.4	305	6.17	14.4	
SITES	13 Dec 2024	10:54:00	Colour = murky, clarity = flow = good, depth = 0.29	30.2	2.39	146.1	39.8	170.3	6.45	15.4	
SITES	14 Dec 2024	6:30:00	Colour = clear, clarity = clean, flow = good, depth = 0.26	27.8	2.14	179.2	33.6	217.1	6.71	8.4	
SITES	15 Dec 2024	6:30:00	Colour = clear, clarity = clean, flow = good, depth = 0.26	27.8	2.21	213.4	28.1	221	6.23	9.2	
SITES	16 Dec 2024	9:19:00	Colour = clear, Depth = 46	30	2.41	177	32.5	483	7.3	6.5	
SITES	17 Dec 2024	8:30:00	Colour = clear, clarity = clean, flow = good, depth = 0.29	30	2.19	148.7	29.5	389	6.79	5.2	
SITES	18 Dec 2024	7:47:00	Colour = slightly cloudy, clarity = cloudy, flow = low-med, depth = 1.36	26.1	3.33	258.4	38.2	27.5	7.38	28.7	
SITES	19 Dec 2024	7:35:00	Colour = slightly cloudy, clarity = cloudy, flow = low-med, depth = 1.4	26.5	3.14	282	34.5	329	6.82	23.6	
SITES	20 Dec 2024	7:08:00	Colour = clear, clarity = clear, flow = low-med, depth = 3	27	3.57	184.7	45.8	142.2	6.7	8.1	
SITES	20 Dec 2024	20:12:00	Colour = dirty Depth = 8	25.5	3.41	189	42.1	67.1	6.66	7.9	
SITES	21 Dec 2024	7:38:00	Colour = clear, clarity = clear, flow = med, depth = 32	27.6	3.89	172.2	41.6	378	6.86	7.3	
SITES	22 Dec 2024	8:40:00	Colour = clear clarity = clear, flow = steady, depth = 48	30.5	2.57	180.1	35.8	462	6.97	4.2	
SITES	23 Dec 2024	8:54:00	Colour = clear, flow = med, Depth = 48	29.2	2.73	171	35.6	405	7.03	5.1	
SITES	24 Dec 2024	7:40:00	Colour = clear, clarity = clear, flow =steady depth = 32	27	2.6	141.5	33.4	116.7	6.66	4.6	
SITES	25 Dec 2024	8:40:00	Colour = clear, clarity = clear, flow = steady, depth = 32	27.1	2.65	158.6	32.1	110.1	6.42	11.2	
SITES	26 Dec 2024	9:33:00	Colour = murky, Clarity = flow = good, depth = 32	29.3	2.29	169.1	37.4	103	6.44	6.5	
SITES	27 Dec 2024	8:54:00	Colour = murky, brownish, Clarity = flow = ave, depth = 33	28.8	2.11	171.9	34.4	95.5	6.39	6.2	
SITES	28 Dec 2024	9:27:00	Colour = brown, murky, flow = ave, depth = 0.32	28.7	2.25	175.3	37.6	94.2	6.46	6.3	
SITES	29 Dec 2024	9:24:00	Colour = brown, murky, flow = ave depth = 0.31	28.9	2.33	170.1	37	93.3	6.42	6.3	
SITES	30 Dec 2024	9:01:00	Colour = clear, flow = med, Depth = 3	30.4	2.75	168	36	84	6.62	5.6	
SITES	31 Dec 2024	7:30:00	Colour = clear, Clarity = clean, flow = good, depth = 0.41	27.9	3.52	156.1	46.8	83.4	6.51	16.7	
SITES	01 Jan 2025	21:47:00	Colour = clear, Depth = 32, flow = fast	23.4	2.92	162	43.8	495	6.97	8.1	
SITES	01 Jan 2025	7:40:00	Colour = clear Clarity = clean, flow = good, depth = 5	30.4	2.82	202.1	36.9	368	6.69	4.9	
SITES	02 Jan 2025	7:45:00	Colour = clear, Clarity = clean, flow = good, depth = 0.5	31	2.86	201.8	37.9	367	6.87	3.8	
SITES	03 Jan 2025	9:17:00	Colour = clear, clarity = clear, flow = low-med, depth = 0.47	29.1	2.87	197	38	339	6.92	4.6	
SITES	04 Jan 2025	8:10:00	Colour = clear, clarity = clear, flow = low-med, depth = 0.47	30.1	2.8	194.5	35.7	341	7.17	3.1	
SITES	05 Jan 2025	7:25:00	Colour = clear, clarity = clear, flow = low-med, depth = 37	30	2.7	187.6	34.4	265	7	3.2	
SITES	06 Jan 2025	7:44:00	Colour = clear, flow = med, Depth = 35	28.6	2.96	135	38.3	233	6.74	2.7	
SITES	06 Jan 2025	8:44:00	Colour = clear, clarity = flow = med, depth = 0.35	28.4	2.96	135	38.3	233	6.74	2.7	
SITES	07 Jan 2025	7:50:00	Colour = clear, clarity = clear, flow = steady, depth = 4	27.6	3.1	192.6	40.4	239	6.59	3.1	
SITES	08 Jan 2025	6:56:00	Colour = clear, clarity = flow = med, depth = 0.36	28.3	2.6	197	33.8	313	6.55	1.9	
SITES	09 Jan 2025	7:47:00	Colour = clear, clarity = flow = med, depth = 0.38	28.8	2.76	151	36.4	330	6.69	2.2	
SITES	10 Jan 2025	8:05:00	Colour = clear, clarity = clear, flow = steady, depth = 35	28.3	2.84	136.5	35.6	330	6.89	2.3	
SITES	11 Jan 2025	9:55:00	Colour = clear - brownish bottom, clarity = flow = good - ave, depth = 0.36	30.3	2.38	183.7	40.1	317	6.75	3.1	
SITES	12 Jan 2025	9:44:00	Colour = clear - dirty bottom, clarity = flow = ave good, depth = 0.35	30.1	1.8	176.9	30.4	327	6.63	2.8	
SITES	13 Jan 2025	11:42:00	Colour = clear, clarity = flow = low, depth = 29	28.9	2.91	165	37.7	121	6.61	4.1	
SITES	14 Jan 2025	6:52:00	Colour = clear, clarity = , flow = low, depth = 18	27.4	2.64	193	33.4	106	6.5	4.2	
SITES	15 Jan 2025	7:01:00	Colour = clear, clarity = , flow = low, depth = 19	27.5	2.96	189	38.3	86	6.47	4.9	
SITES	16 Jan 2025	6:59:00	Colour = clear, clarity = , flow = low, depth = 18	27.7	2.62	208	44.1	91	6.48	4.1	
SITES	17 Jan 2025	7:40:00	Colour = clear, clarity = clean, flow = good, depth = 30	27.4	3.9	195.3	48.1	121.6	6.72	1.5	
SITES	18 Jan 2025	7:35:00	Colour = light brown, clarity = light brown, flow = good, depth = 39	25.4	3.85	236.9	46.9	279	6.73	26.5	
SITES	18 Jan 2025	22:22:00	Colour = clear, Depth = 46, flow = fast	28.6	3.77	176	49	326	6.85	6.7	
SITES	19 Jan 2025	7:43:00	Colour = clear, clarity = clear, flow = med, depth = 45	28.9	3.34	202.2	41	45	388	6.85	2.1
SITES	20 Jan 2025	9:35:00	Colour = clear, clarity = flow = med, depth = 36	29.1	3.39	150	43.9	343	6.87	2.1	
SITES	21 Jan 2025	7:49:00	Colour = clear, clarity = clear, flow = low, depth = 29	27.1	2.62	157.9	34.5	29.2	6.66	3	
SITES	22 Jan 2025	7:39:00	Colour = clear, clarity = , flow = low, depth = 28	28.13	3.16	214	41	215	6.83	7.2	
SITES	23 Jan 2025	10:15:00	Colour = clear clarity = flow = med, depth = 44	30.8	3.18	130	42.6	354	7.15	3.5	
SITES	23 Jan 2025	19:20:00	Colour = clear, Depth= 3	26.8	2.7	139	34	135	6.96	14.1	
SITES	23 Jan 2025	22:15:00	Colour = clear, flow = med, Depth = 44	30.6	3.18	130	42.6	354	7.15	3.5	
SITES	24 Jan 2025	24:00:00	Colour = clear, clarity = clear, flow = steady, depth = 41	30.2	2.97	172	39	366	6.72	1.8	
SITES	25 Jan 2025	7:00:00	Colour = clear, clarity = flow = med, depth = 34	28.2	2.26	179	29.6	309	6.94	2.4	
SITES	26 Jan 2025	7:55:00	Colour = clear, clarity = clear, flow = steady, depth = 35	29	2.37	160.9	31.6	298	7.1	2	
SITES	27 Jan 2025	23:04:00	Colour = clear, clarity = flow = med, depth = 34	28.9	2.9	165	38.4	296	6.72	1.6	
SITES	28 Jan 2025	11:06:00	Colour = clear, clarity = , flow = good, depth = 36	31.7	3.12	181.5	43.6	301	6.96	3.4	
SITES	29 Jan 2025	11:20:00	Colour = dirty, clarity = , flow = good, depth = 42	29.3	3.49	215.8	45.8	257	6.9	7.3	
SITES	30 Jan 2025	11:15:00	Colour = clear, clarity = flow = good, depth = 38	31.1	2.97	214.6	39.9	273	6.94	1.8	
SITES	31 Jan 2025	8:55:00	Colour = clear, Clarity = clean, flow = good, Depth = 38	28.5	2.86	133.1	36.8	274	6.66	2.1	
SITES	01 Feb 2025	8:05:00	Colour = clear Clarity = clean, flow = good, depth = 36	28.9	2.82	184.8	36.4	273	6.68	2.1	
SITES	02 Feb 2025	8:30:00	Colour = clear, clarity = clean, flow = good, depth = 0.36	29.7	3.37	215.3	44.1	279	6.58	2.3	
SITES	03 Feb 2025	8:12:00	Colour = clear, clarity = flow = med, depth = 0.35	28.6	3.14	158	41.3	269	6.7	2.3	
SITES	04 Feb 2025	9:14:00	Colour = cloudy, clarity = cloudy, flow = med- high, depth = 1.65	24.9	3.88	226.5	49.6	152.7	6.62	51.1	
SITES	05 Feb 2025	9:01:00	Colour = clear, clarity = clear, flow =med - high, depth = 1.53	26.2	3.77	183.4	47.8	223.9	6.78	10.3	
SITES	06 Feb 2025	8:37:00	Colour = clear, clarity = clear, flow = med, depth = 1.46	26.2	3.74	187.6	48.1	171.9	6.62	5.9	
SITES	07 Feb 2025	7:29:00	Colour = clear, clarity = clear, flow = low - med, depth = 43	26.9	3.6	196.1	41.9	191.5	6.79	4.3	
SITES	08 Feb 2025	7:40:00	Colour = clear, clarity = clear, flow = steady, depth = 0.44	27.2	3.05	212.5	38.6	184	6.81	4.7	
SITES	09 Feb 2025	7:50:00	Colour = clear, clarity = clear, flow = steady, depth = 0.49	27	2.88	250.6	36.5	165.4	6.72	6.8	
SITES	10 Feb 2025	7:12:00	Colour = clear, clarity = flow = med, depth = 46	27.7	3.37	177	41.6	140	6.85	5.2	
SITES	11 Feb 2025	8:00:00	Colour = clear, clarity = clear, flow = steady, depth = 0.45	27.7	3.11	178.7	40.1	161.3	6.5	4.1	
SITES	12 Feb 2025	9:20:00	Colour = clear, clarity = flow = good, depth = 0.42	28.7	2.83	225.5	37.1	163	6.73	4.2	
SITES	13 Feb 2025	9:28:00	Colour = slightly murky, clarity = flow = good, depth = 46	27.5	2.34	212.8	37.4	143.6	6.58	5.2	
SITES	14 Feb 2025	9:36:00	Colour = clear, clarity = , flow = v good, depth = 46	27	2.49	186.4	41.3	147.2	6.75	3.7	
SITES	15 Feb 2025	11:54:00	Colour = clear, clarity = , flow = v good, depth = 48	29	3.42	185.2	54.4	161.9	6.59	7.1	
SITES	16 Feb 2025	8:30:00	Colour = clear, clarity = clear, flow = good, depth = 53	26.6	2.65	230.6	42.6	106.2	6.92	8.8	
SITES	17 Feb 2025	7:56:00	Colour = clear, clarity = flow = med, depth = 48	28.6	4.18	156	53.9	107	6.4	6.4	
SITES	18 Feb 2025	7:50:00	Colour = clear, clarity = clean, flow = good, depth = 49	27.5	3.12	204.1	39.1	120.5	6.26	5.2	
SITES	19 Feb 2025	7:20:00	Colour = clear, clarity = clean, flow = good, depth = 4	28.4	2.86	236.7	36.1	154.2	7.32	2.2	
SITES	20 Feb 2025	7:40:00	Colour = clear, clarity = clear, flow = med - high, depth = 1.57	27	3.22	221.1	40	112.8	6.86	9.4	
SITES	21 Feb 2025	7:22:00	Colour = clear, clarity = clear, flow = low - med, depth = 43	28.4							

APPENDIX B – LABORATORY RESULTS FOR MAY 2024 – APRIL 2025

Immediately before discharge	During discharge	Inorganics										Metals																							
		Alkalinity (Carbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Fluoride	Sodium	Sulphate	Hardness as CaCO3	Total suspended Solids (Lab)	Aluminium	Aluminium (Filtered)	Cadmium	Cadmium (Filtered)	Chromium (II+VI)	Chromium (II+VI) (Filtered)	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered)	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Magnesium	Manganese	Manganese (Filtered)	Nickel	Nickel (Filtered)	Potassium	Selenium	Selenium (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	mg/L	mg/L	mg/L	
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		
ECL		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										Co										Ni										Zn									
SITES	06 May 2024	57	<20	<20	57	2.5	4.9	230	68	12	0.0600	<0.05	<0.0002	<0.0002	9.3000	<0.001	<0.001	0.0020	0.0020	0.0040	0.0020	0.7700	<0.05	0.0020	<0.001	11.0000	0.2400	0.2000	0.0020	0.9000	<5	<5	<0.005	<0.005							
SITES	06 May 2024	62	<20	<20	62	2.5	4.8	29	66	<5	0.0600	<0.05	<0.0002	<0.0002	9.1000	<0.001	<0.001	0.0030	0.0020	0.0050	0.0020	0.8400	<0.05	0.0030	<0.001	11.0000	0.2600	0.2000	0.0030	0.9000	<5	<5	<0.005	<0.005							
Site5	13 May 2024	160	<20	<20	160	2.7	17	17	190	11	0.0600	<0.05	<0.0002	<0.0002	29.0000	<0.001	<0.001	0.0030	0.0020	0.0040	0.0030	0.3700	<0.05	0.0020	<0.001	29.0000	0.4400	0.3900	0.0040	0.0030	1.1000	<5	<5	<0.005	<0.005						
Site5	13 May 2024	170	<20	<20	170	2.8	13	80	190	15	0.0700	<0.05	<0.0002	<0.0002	27.0000	<0.001	<0.001	0.0030	0.0020	0.0050	0.0030	0.3800	<0.05	0.0020	<0.001	30.0000	0.4400	0.3900	0.0040	0.0040	1.0000	<5	<5	0.0050	<0.005						
SITES	19 Nov 2024	240	<20	<20	240	5.9	24	120	250	<5	<0.05	<0.05	<0.0002	<0.0002	39.0000	<0.001	<0.001	0.0010	<0.001	0.0090	0.0070	<0.05	<0.05	<0.001	<0.001	36.0000	0.0240	0.0170	0.0030	0.0030	1.4000	8.0000	8.0000	0.0300	<0.005						
SITES	19 Nov 2024	240	<20	<20	240	18	23	120	240	<5	<0.05	<0.05	<0.0002	<0.0002	38.0000	<0.001	<0.001	0.0010	<0.001	0.0080	0.0070	0.0500	<0.05	0.0010	<0.001	35.0000	0.0240	0.0180	0.0030	0.0030	1.4000	8.0000	6.0000	0.0280	<0.005						
SITES	25 Nov 2024	240	<20	<20	240	8.3	26	93	260	<5	<0.05	0.0500	<0.0002	<0.0002	42.0000	<0.001	<0.001	0.0010	<0.001	0.0060	0.0040	0.0900	0.0900	0.0020	<0.001	39.0000	0.0750	0.0670	0.0030	0.0030	1.1000	7.0000	5.0000	<0.005	<0.005						
SITES	25 Nov 2024	260	<20	<20	260	58	27	92	280	<5	<0.05	<0.05	<0.0002	<0.0002	43.0000	<0.001	<0.001	0.0050	0.0040	0.0600	0.0040	0.0600	<0.05	<0.001	<0.001	41.0000	0.0770	0.0680	0.0030	0.0030	1.3000	7.0000	5.0000	<0.005	<0.005						
SITES	02 Dec 2024	71	<20	<20	71	20	8.2	250	300	<5	<0.05	<0.05	<0.0002	<0.0002	25.0000	<0.001	<0.001	0.0020	<0.001	0.0080	0.0050	<0.05	<0.05	0.0020	<0.001	57.0000	0.0790	<0.005	0.0030	0.0020	1.2000	<5	<5	<0.005	<0.005						
SITES	02 Dec 2024	210	<20	<20	210	13	24	120	260	<5	<0.05	<0.05	<0.0002	<0.0002	40.0000	<0.001	<0.001	0.0030	0.0020	0.0080	0.0060	0.1200	<0.05	<0.001	<0.001	39.0000	0.2200	0.1700	0.0050	0.0050	1.4000	8.0000	6.0000	<0.005	<0.005						
SITES	06 Dec 2024	28	<20	<20	28	4.4	7.6	66	230	<5	0.2200	<0.05	<0.0002	<0.0002	23.0000	<0.001	<0.001	0.0040	0.0040	0.0080	0.0080	0.1700	<0.05	0.0020	<0.001	41.0000	0.0820	0.0780	0.0050	0.0040	1.3000	<5	<5	0.0060	<0.005						
SITES	06 Dec 2024	71	<20	<20	71	4.9	7.6	190	230	<5	0.2500	<0.05	<0.0002	<0.0002	24.0000	<0.001	<0.001	0.0040	0.0040	0.0090	0.0090	0.1800	<0.05	0.0020	<0.001	41.0000	0.0830	0.0790	0.0050	0.0050	1.3000	<5	<5	0.0060	<0.005						
SITES	09 Dec 2024	31	<20	<20	31	4.2	8.3	68	82	5.2	0.1600	<0.05	<0.0002	<0.0002	10.0000	<0.001	<0.001	0.0040	0.0040	0.0100	0.0070	0.4900	0.1100	0.0020	<0.001	14.0000	0.1100	0.1100	0.0050	0.0040	1.4000	<5	<5	0.4300	0.0060						
SITES	16 Dec 2024	90	<20	<20	90	4.9	9.3	150	230	10	0.0600	<0.05	<0.0002	<0.0002	25.0000	0.0010	<0.001	0.0010	0.0020	0.0080	0.0060	0.1400	<0.05	<0.001	<0.001	38.0000	0.1800	0.1800	0.0030	0.0030	2.0000	<5	<5	0.0410	<0.005						
SITES	16 Dec 2024	100	<20	<20	100	4.9	9.5	150	230	<5	<0.05	<0.05	<0.0002	<0.0002	28.0000	0.0020	<0.001	0.0060	0.0020	0.0100	0.0060	0.6300	<0.05	0.0020	<0.001	39.0000	0.2800	0.1700	0.0040	0.0030	2.1000	<5	<5	0.0580	<0.005						
SITES	20 Dec 2024	<20	<10	<20	<20	2.4	1.6	15	22	23	0.1500	0.0660	<0.0002	<0.0002	3.0000	<0.001	<0.001	0.0010	<0.001	0.0060	0.0036	0.2800	0.1400	0.0030	<0.001	3.6000	0.0290	0.0160	0.0010	<0.001	1.0000	<5	<5	<0.005	<0.005						
SITES	20 Dec 2024	<20	<10	<20	<20	1.8	1.6	15	23	12	0.1700	<0.05	<0.0002	<0.0002	3.1000	<0.001	<0.001	0.0010	<0.001	0.0050	0.0035	0.3000	0.1000	0.0030	<0.001	3.7000	0.0260	0.0160	<0.001	<0.001	1.1000	<5	<5	<0.005	<0.005						
SITES	23 Dec 2024	61	<10	<20	61	5.1	5.8	150	170	<5	<0.05	<0.05	<0.0002	<0.0002	19.0000	<0.001	<0.001	0.0010	0.0010	0.0060	0.0050	0.1600	<0.05	<0.001	<0.001	30.0000	0.0370	0.0310	0.0030	0.0020	1.0000	<5	<5	<0.005	<0.005						
SITES	23 Dec 2024	64	<10	<20	64	4.5	5.8	150	170	<5	<0.05	<0.05	<0.0002	<0.0002	19.0000	<0.001	<0.001	0.0010	0.0010	0.0070	0.0050	0.1500	<0.05	<0.001	<0.001	30.0000	0.0370	0.0320	0.0020	0.0020	1.0000	<5	<5	<0.005	<0.005						
Site 5	30 Dec 2024	25	<10	<20	25	1.9	3.7	18	24	<5	<0.05	0.0600	<0.0002	<0.0002	2.5000	<0.001	<0.001	0.0010	0.0010	0.0040	0.0040	0.7400	0.6600	<0.001	<0.001	4.3000	0.0380	0.0340	0.0020	0.0010	0.9000	<5	<5	<0.005	<0.005						
Site 5	31 Dec 2024	54	<10	<20	54	3.2	6.3	120	170	<5	0.0700	<0.05	<0.0002	<0.0002	19.0000	<0.001	<0.001	0.0010	<0.001	0.0060	0.0020	0.2200	<0.05	0.0010	<0.001	29.0000	0.0580	0.0470	0.0030	0.0020	1.1000	<5	<5	0.0430	<0.005						
Site 5	31 Dec 2024	54	<10	<20	54	3.3	6.2	120	160	<5	0.0600	<0.05	<0.0002	<0.0002	19.0000	0.0020	<0.001	0.0010	<0.001	0.0050	0.0020	0.2100	<0.05	0.0010	0.0010	28.0000	0.0590	0.0460	0.0030	0.0020	1.1000	<5	<5	0.0340	<0.005						
SITES	06 Jan 2025	35	<20	<20	35	2.3	4.4	60	87	12	0.0800	<0.05	<0.0002	<0.0002	9.7000	<0.001	<0.001	0.0010	0.0010	0.0020	0.0020	0.4200	0.0700	<0.001	<0.001	15.0000	0.0900	0.0620	0.0020	0.0020	0.7000	<5	<5	<0.005	<0.005						
SITES	06 Jan 2025	41	<20	<20	41	1.3	1	60	22	<5	0.0800	<0.05	<0.0002	<0.0002	2.4000	<0.001	<0.001	0.0010	<0.001	0.0030	0.0020	0.4300	<0.05	<0.001	<0.001	3.8000	0.0510	0.0180	0.0020	<0.001	<0.5	<5	<5	<0.005	<0.005						
SITES	13 Jan 2025	28	<20	<20	28	1.4	3.6	20	39	<5	<0.05	<0.05	<0.0002	<0.0002	4.6000	<0.001	<0.001	0.0020	0.0020	0.0070	0.0050	0.7600	0.1800	0.0010	<0.001	6.9000	0.0710	0.0660	0.0020	0.0020	0.6000	<5	<5	0.0070	<0.005						
SITES	13 Jan 2025	30	<20	<20	30	1.6	3.7	20	40	<5	<0.05	<0.05	<0.0002	<0.0002	4.8000	<0.001	<0.001	0.0020	0.0010	0.0070	0.0040	0.7700	0.1600	0.0010	<0.001	6.7000	0.0680	0.0640	0.0020	0.0020	0.6000	<5	<5	<0.005	<0.005						
SITES	18 Jan 2025	45	<20	<20	45	3.3	4.8	110	130	<5	<0.05	0.0600	<0.0002	<0.0002	16.0000	<0.001	<0.001	0.0010	0.0020	0.0040	0.0060	0.2500	<0.05	0.0020	<0.001	20.0000	0.0340	0.0480	0.0020	0.0030	0.9000	<5	<5	0.005	0.0430						
SITES	18 Jan 2025	46	<20	<20	46	3.2	5	110	130	<5	<0.05	<0.05	<0.0002	<0.0002	17.0000	<0.001	<0.001	0.0020	0.0010	0.0060	0.0040	0.2700	<0.05	0.0020	<0.001	23.0000	0.0490	0.0340	0.0030	0.0030	0.9000	<5	<5	0.0270	<0.005						
SITES	20 Jan 2025	40	<20	<20	40	2.7	4.8	120	140	<5	<0.05	<0.05	<0.0002	<0.0002	18.0000	<0.001	<0.001	0.0020	0.0010	0.0050	0.0030	0.2400	<0.05	<0.001	<0.001	23.0000	0.0450	0.0380	0.0020	0.0020	0.7000	<5	<5	0.0130	<0.005						
SITES	20 Jan 2025	45	<20	<20	45	2.9	4.8	120	140	<5	<0.05	<0.05	<0.0002	<0.0002	18.0000	<0.001	<0.001	0.0010	<0.001	0.0040	0.0040	0.2400	0.1700	<0.001	<0.001	23.0000	0.0420	0.0360	0.0020	0.0020	0.7000	<5	<5	0.0150	<0.005						
SITES	23 Jan 2025	41	<20	<20	41	3.1	5.9	120	180	<5	<0.05	<0.05	<0.0002	<0.0002	23.0000	<0.001	<0.001	0.0020	<0.001	0.0050	0.0030	0.2200	<0.05	0.0020	<0.001	30.0000	0.0410	0.0250	0.0020	0.0020	0.7000	<5	<5	0.0070	<0.005						
SITES	23 Jan 2025	50	<20	<20	50	3	5.8	120	180	<5	<0.05	<0.05	<0.0002	<0.0002	22.0000	<0.001	<0.001	0.0020	<0.001	0.0060	0.0030	0.2000	<0.05	0.0020	<0.001	29.0000	0.0400	0.0250	0.0020	0.0020	0.8000	<5	<5	0.0180	<0.005						
SITES	23 Jan 2025	35	<20	<20	35	2.8	4.4	22	48	<5	0.0900	<0.05	<0.0002	<0.0002	5.7000	<0.001	<0.001	0.0010	0.0010	0.0020	0.0020	0.5200	0.1100	0.0010	<0.001	9.2000	0.0280	0.0220	0.0010	0.0010	0.7000	<5	<5								

		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 (II+VI)	Chromium (II+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	1	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
Field ID	Date	Cu																																	
SITE1	06 May 2024	65	<20	<20	65	2.2	4.2	27	240	<5	0.5800	<0.05	0.0009	0.0008	20.0000	<0.001	<0.001	0.2600	0.2300	0.2500	0.0690	1.5000	<0.05	0.0020	<0.001	47.0000	0.7500	0.6800	0.2200	0.1900	1.4000	16.0000	6.0000	0.3300	0.2700
SITE1	13 May 2024	53	<20	<20	53	3.3	4.7	450	510	11	0.9000	<0.05	0.0017	0.0017	40.0000	<0.001	<0.001	0.5200	0.5200	0.3800	0.1100	2.3000	<0.05	0.0030	<0.001	100.0000	1.4000	1.2000	0.4400	0.4300	1.9000	20.0000	6.0000	0.7700	0.7600
SITE1	06 Dec 2024	<20	<20	<20	<20	3.3	1.4	200	190	31	0.5800	0.0600	0.0007	0.0007	17.0000	<0.001	<0.001	0.2400	0.2400	0.2600	0.1600	0.5700	0.2300	0.0020	<0.001	36.0000	0.9700	0.9700	0.1900	0.1900	1.8000	10.0000	<5	0.6700	0.2700
SITE1	09 Dec 2024	<20	<20	<20	<20	2.5	2.2	380	340	7.1	0.5200	0.0600	0.0011	0.0011	28.0000	<0.001	<0.001	0.3900	0.3900	0.2900	0.2500	0.6900	0.1300	0.0010	<0.001	65.0000	1.9000	1.9000	0.2800	0.2800	2.7000	12.0000	9.0000	0.3400	0.3400
SITE1	16 Dec 2024	<20	<20	<20	<20	2.3	2.2	100	120	11	0.3600	<0.05	0.0003	0.0003	10.0000	0.0020	<0.001	0.1100	0.1100	0.1400	0.0830	0.5300	0.1100	0.0020	<0.001	23.0000	0.4800	0.4700	0.0870	0.0850	2.2000	7.0000	<5	0.1600	0.1000
SITE1	20 Dec 2024	<20	<10	<20	<20	1.9	0.5	58	53	120	0.8300	0.0620	<0.0002	<0.0002	4.6000	<0.001	<0.001	0.0430	0.0400	0.1700	0.0860	0.5200	<0.05	0.0150	<0.001	10.0000	0.4000	0.2600	0.0390	0.0380	0.7000	7.0000	<5	0.0580	0.0530
SITE1	23 Dec 2024	29	<10	<20	29	3.7	3	150	160	5.9	0.2500	<0.05	0.0004	0.0004	12.0000	<0.001	<0.001	0.1100	0.1200	0.1600	0.0970	0.5800	0.0700	0.0010	<0.001	32.0000	0.4200	0.4500	0.0900	0.0950	1.4000	8.0000	<5	0.1400	0.1400
SITE 1	30 Dec 2024	32	<10	<20	32	3.3	3.2	130	150	<5	0.3700	<0.05	0.0005	0.0005	12.0000	<0.001	<0.001	0.1400	0.1400	0.1900	0.0830	0.8000	<0.05	0.0020	<0.001	29.0000	0.4300	0.4400	0.1200	0.1200	1.2000	8.0000	<5	0.1800	0.1700
SITE 1	31 Dec 2024	34	<10	<20	34	2.7	2.6	51	90	5.7	0.4300	0.0800	<0.0002	<0.0002	5.2000	0.0030	<0.001	0.0530	0.0510	0.0880	0.0540	0.6200	0.1100	0.0030	<0.001	19.0000	0.2000	0.1900	0.0430	0.0400	1.4000	5.0000	<5	0.1100	0.0380
SITE1	06 Jan 2025	23	<20	<20	23	2	2.9	71	90	<5	0.3100	0.0600	0.0002	<0.0002	6.0000	<0.001	<0.001	0.0620	0.0520	0.1900	0.0570	0.4200	0.0600	0.0060	<0.001	18.0000	0.2000	0.2000	0.0530	0.0450	0.8800	<5	<5	0.0850	0.0580
SITE1	13 Jan 2025	28	<20	<20	28	2.4	2.8	54	71	<5	0.1600	0.0500	<0.0002	0.0002	4.8000	<0.001	<0.001	0.0600	0.0560	0.1000	0.0780	0.4100	0.0600	0.0020	<0.001	16.0000	0.2000	0.1900	0.0450	0.0480	0.6000	<5	<5	0.0610	0.0570
SITE1	18 Jan 2025	28	<20	<20	28	2	2.8	89	100	<5	0.1800	<0.05	0.0002	0.0002	6.3000	<0.001	<0.001	0.0480	0.0470	0.0690	0.0410	0.5500	0.0800	0.0020	<0.001	21.0000	0.1800	0.1800	0.0420	0.0410	0.8000	<5	<5	0.1000	0.0560
SITE1	20 Jan 2025	29	<20	<20	29	2.3	3	71	91	<5	0.3300	0.0600	0.0002	<0.0002	6.2000	<0.001	<0.001	0.0510	0.0500	0.0960	0.0560	0.4500	<0.05	0.0010	<0.001	18.0000	0.2000	0.2000	0.0480	0.0480	0.7000	<5	<5	0.0740	0.0640
SITE1	23-Jan-25	29	<20	<20	29	2.4	2.9	67	110	<5	0.1600	<0.05	<0.0002	<0.0002	6.6000	<0.001	<0.001	0.0430	0.0420	0.0640	0.0380	0.5100	0.0600	0.0010	<0.001	22.0000	0.1900	0.1700	0.0370	0.0370	0.7000	<5	<5	0.0540	0.0460
SITE1	27 Jan 2025	28	<20	<20	28	3.3	3	86	100	<5	0.3100	<0.05	0.0002	<0.0002	6.8000	<0.001	<0.001	0.0480	0.0460	0.0720	0.0390	0.6200	<0.05	0.0020	<0.001	20.0000	0.2400	0.2200	0.0430	0.0410	0.6000	<5	<5	0.0590	0.0530
SITE1	03 Feb 2025	28	<20	<20	28	1.7	4.9	56	170	<5	0.2200	<0.05	0.0002	<0.0002	11.0000	<0.001	<0.001	0.0400	0.0380	0.0770	0.0420	0.4300	<0.05	0.0020	<0.001	34.0000	0.1600	0.1500	0.0370	0.0360	1.0000	<5	<5	0.0700	0.0480
SITE1	10 Feb 2025	<20	<20	<20	<20	1.7	2.3	31	39	<5	0.1800	0.3600	<0.0002	<0.0002	3.2000	<0.001	<0.001	0.0190	0.0210	0.0420	0.0440	0.3400	0.3000	<0.001	<0.001	8.5000	0.0720	0.0770	0.0180	0.0180	0.6000	<5	<5	0.0590	0.0340
SITE1	17 Feb 2025	<20	<20	<20	<20	1.4	1.9	63	48	<5	4.5000	3.6000	<0.0002	<0.0002	3.6000	<0.001	<0.001	0.0600	0.0580	0.5700	0.5700	0.3200	<0.05	0.0040	0.0020	9.4000	0.2500	0.2500	0.0930	0.0930	0.8000	6.0000	<5	0.0610	0.0610
SITE1	24-Feb-25	21	<20	<20	<20	1.2	2.7	47	60	8.4	0.1400	<0.05	<0.0002	<0.0002	4.8000	<0.001	<0.001	0.0310	0.0310	0.0800	0.0560	0.2600	0.0500	<0.001	<0.001	12.0000	0.0840	0.0850	0.0260	0.0260	1.3000	<5	<5	0.1500	0.0500
SITE1	3-Mar-25	22	<20	<20	22	1.6	3.3	57	91	<5	0.2400	0.0700	0.0002	0.0002	6.8000	<0.001	<0.001	0.0450	0.0450	0.1000	0.0630	0.3100	<0.05	0.0010	<0.001	18.0000	0.1200	0.1200	0.0380	0.0400	0.6000	<5	<5	0.1300	0.0610
SITE1	10-Mar-25	23	<20	<20	23	1.7	4.6	55	91	30	0.3100	<0.05	<0.0002	<0.0002	7.0000	<0.001	<0.001	0.0520	0.0510	0.0790	0.0360	0.7400	<0.05	0.0040	<0.001	18.0000	0.1800	0.1800	0.0400	0.0390	0.8000	6.0000	<5	0.0660	0.0470
SITE 1	17 Mar 2025	<20	<10	<20	<20	1.5	2.5	37	49	<5	0.2000	0.0500	<0.0002	<0.0002	3.5000	<0.001	<0.001	0.0230	0.0230	0.0560	0.0330	0.2600	<0.05	<1	<1	9.6000	0.0820	0.0820	0.0210	0.0210	0.7000	<5	<5	0.0340	0.0300
SITE1	24 Mar 2025	20	<20	<20	20	5.8	2.7	35	46	<5	0.2300	0.0600	<0.0002	<0.0002	4.1000	<0.001	<0.001	0.0220	0.0220	0.0660	0.0420	0.2600	<0.05	1.0000	<1	8.6000	0.0820	0.0810	0.0240	0.0210	<0.5	<5	<5	0.0440	0.0320
SITE1	31 Mar 2025	<20	<20	<20	<20	1.9	2.5	40	53	<5	0.2800	<0.05	<0.0002	<0.0002	4.0000	<0.001	<0.001	0.0340	0.0330	0.1100	0.0630	0.2800	<0.05	1.0000	<1	11.0000	0.1000	0.0970	0.0300	0.0290	1.4000	<5	<5	0.0480	0.0440
SITE1	02 Apr 2025	23	<20	<20	23	1.9	2.8	43	58	20	0.2700	0.0500	<0.0002	<0.0002	4.4000	<0.001	0.0010	0.0320	0.0310	0.0940	0.0500	0.2600	<0.05	2.0000	<1	11.0000	0.1000	0.1000	0.0270	0.0280	1.3000	<5	<5	0.0420	0.0380
SITE1	16 Apr 2025	20	<10	<20	20	2	2.8	44	60	<5	0.2000	<0.05	<0.0002	<0.0002	4.2000		0.0360	0.0360	0.0860	0.0560	0.3100	<0.05	<1	<1	12.0000	0.1000	0.1100	0.0280	0.0300	1.2000	<5	<5	0.0400	0.0390	
SITE1	21 Apr 2025	28	<20	<20	28	<1	3.4	54	87	<5	0.1800	<0.05	<0.0002	<0.0002	5.8000	<0.001	<0.001	0.0390	0.0390	0.0810	0.0400	0.3600	<0.05	2.0000	<1	18.0000	0.1200	0.1200	0.0330	0.0320	2.2000	<5	<5	0.0450	0.0400
SITE1	28 Apr 2025	29	<20	<20	29	3.1	4.4	85	130	<5	0.4100	0.0600	0.0003	0.0003	9.1000	<0.001	<0.001	0.0620	0.0620	0.0930	0.0370	0.6800	<0.05	3.0000	<1	25.0000	0.2200	0.2200	0.0540	0.0540	1.2000	8	<5	0.0920	0.0660

Site 1	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (Lab)
Minimum	1.2	0.5	27.0	39.0	5.7
Maximum	5.8	4.9	450.0	510.0	120.0
Average	2.3	2.9	94.0	121.3	25.0
StdDev	1.0	1.0	98.7	101.1	34.7

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	0.0500	0.0002	3.2000	0.0010	0.0210	0.0330	0.0500	0.0020	8.5000	0.0770	0.0180	0.6000	6.0000	0.0300
Max	3.6000	0.0017	40.0000	0.0010	0.5200	0.5700	0.3000	0.0020	100.0000	1.9000	0.4300	2.7000	9.0000	0.7600
Avg	0.3344	0.0006	9.1786	0.0000	0.0937	0.0869	0.1145	0.0020	23.9679	0.3354	0.0784	1.1881	7.0000	0.1095
Std	0.9433	0.0005	8.2513	0.0000	0.1174	0.1048	0.0802	0.0000	19.5684	0.4083	0.0923	0.5663	1.7321	0.1507

	Inorganics										Metals																										
	Molybdenum (Total) in CCOI	Molybdenum (Total) in CCOI	Molybdenum (Total) in CCOI	Molybdenum (Total) in CCOI	Molybdenum (Total) in CCOI	Chloride	Sodium	Aluminum	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (Filtered)	Aluminum (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								
WOL177-09 Trigger Values	20	10	20	20	20	0.5	5	5	0.05	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001								
WOL177-09 Trigger Values	0.45	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025								
Field ID	Date	90	<20	<20	90	3.3	4.9	140	180	5	<0.05	<0.05	<0.0002	<0.0002	15	<0.001	<0.001	0.0002	<0.001	0.012	0.0007	<0.05	<0.05	0.0002	<0.001	35	0.031	<0.005	0.006	0.005	0.8	<5	<5	0.006	0.005		
SITE2	06 May 2024	100	<20	<20	100	3.7	5.9	140	210	5	<0.05	<0.05	<0.0002	<0.0002	17	<0.001	<0.001	0.0002	<0.001	0.01	0.006	<0.05	<0.05	0.0002	<0.001	41	0.03	<0.005	0.005	0.004	0.9	<5	<5	<0.005	<0.005		
SITE2	28 May 2024	62	<20	<20	62	9.1	5.9	160	210	5	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.001	<0.001	0.011	0.06	<0.05	<0.05	0.0002	<0.001	41	0.026	<0.005	0.003	0.003	0.8	<5	<5	0.007	<0.005		
SITE2	28 May 2024	64	<20	<20	64	4.2	6.1	160	220	<5	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.001	<0.001	0.01	0.03	<0.05	<0.05	0.0002	<0.001	42	0.025	<0.005	0.003	0.004	0.9	<5	<5	0.006	<0.005		
SITE2	10 Jun 2024	110	<20	<20	110	2.5	6.7	160	220	<5	<0.05	<0.05	<0.0002	<0.0002	20	<0.001	<0.001	0.001	<0.001	0.009	0.009	0.014	0.011	<0.05	<0.05	0.0002	<0.001	46	0.039	0.018	0.007	1	<5	<5	0.011	0.011	
SITE2	10 Jun 2024	110	<20	<20	110	4.5	6.9	160	240	<5	<0.05	<0.05	<0.0002	<0.0002	20	<0.001	<0.001	0.001	<0.001	0.009	0.009	0.014	0.011	<0.05	<0.05	0.0002	<0.001	46	0.038	0.018	0.007	1	<5	<5	0.011	0.011	
SITE2	26 Aug 2024	180	<20	<20	180	6.3	7.2	240	230	<5	<0.05	<0.05	<0.0002	<0.0002	19	<0.001	<0.001	0.001	<0.001	0.005	0.003	0.008	0.008	<0.05	<0.05	0.001	<0.001	46	0.045	0.003	0.003	1	<5	<5	0.009	<0.005	
SITE2	26 Aug 2024	670	<20	<20	670	4.8	7	210	250	<5	<0.05	<0.05	<0.0002	<0.0002	20	<0.001	<0.001	0.002	<0.001	0.012	0.012	0.019	0.019	<0.05	<0.05	0.001	<0.001	46	0.045	0.003	0.003	1	<5	<5	0.023	<0.005	
SITE2	09 Sep 2024	69	<20	<20	69	4.8	9.2	220	270	<5	<0.05	<0.05	<0.0002	<0.0002	21	<0.001	<0.001	0.001	<0.001	0.002	0.014	0.011	<0.05	<0.05	0.001	<0.001	52	0.052	0.009	0.003	1	<5	<5	0.019	<0.005		
SITE2	09 Sep 2024	79	<20	<20	79	5.4	9.7	220	280	<5	<0.05	<0.05	<0.0002	<0.0002	21	<0.001	<0.001	0.001	<0.001	0.003	0.002	0.015	0.01	<0.05	<0.05	0.001	<0.001	52	0.051	0.007	0.003	0.003	1	<5	<5	0.016	<0.005
SITE2	21 Sep 2024	79	23	<20	100	5.2	8.3	240	280	<5	<0.05	<0.05	<0.0002	<0.0002	22	<0.001	<0.001	0.002	<0.001	0.011	0.028	<0.05	<0.05	<0.001	<0.001	50	0.044	<0.005	0.002	0.002	0.9	<5	<5	0.014	<0.005		
SITE2	21 Sep 2024	79	<20	<20	90	5.2	8.4	210	280	<5	<0.05	<0.05	<0.0002	<0.0002	22	<0.001	<0.001	0.002	<0.001	0.011	0.028	<0.05	<0.05	<0.001	<0.001	50	0.044	<0.005	0.002	0.002	0.9	<5	<5	0.014	<0.005		
SITE2	18 Oct 2024	110	<20	<20	110	8.6	8.5	31	31	<5	<0.05	<0.05	<0.0002	<0.0002	25	<0.001	<0.001	0.001	<0.001	0.002	0.013	0.003	<0.05	<0.05	0.001	<0.001	52	0.05	0.003	0.003	1.1	<5	<5	0.007	<0.005		
SITE2	04 Nov 2024	110	<20	<20	110	5.4	8.1	250	270	<5	<0.05	<0.05	<0.0002	<0.0002	23	<0.001	<0.001	0.019	0.017	0.021	0.018	<0.05	<0.05	0.002	<0.001	50	0.1	0.05	0.011	0.01	1	<5	<5	0.04	0.011		
SITE2	04 Nov 2024	110	<20	<20	110	5.3	8.4	250	270	<5	<0.05	<0.05	<0.0002	<0.0002	23	<0.001	<0.001	0.019	0.018	0.021	0.017	<0.05	<0.05	0.002	<0.001	52	0.1	0.049	0.011	0.01	1	<5	<5	0.017	0.011		
SITE2	11 Nov 2024	100	<20	<20	100	11	7.4	250	250	<5	<0.05	<0.05	<0.0002	<0.0002	27	<0.001	<0.001	0.002	<0.001	0.013	0.007	0.18	<0.05	0.002	<0.001	47	0.076	0.005	0.003	0.002	0.9	<5	<5	0.019	<0.005		
SITE2	11 Nov 2024	110	<20	<20	110	6.1	8.1	240	270	<5	<0.05	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.002	<0.001	0.012	0.008	<0.05	<0.05	0.001	<0.001	52	0.07	0.006	0.003	0.002	1	<5	<5	0.012	<0.005		
SITE2	19 Nov 2024	92	<20	<20	92	5.3	7	250	240	<5	<0.05	<0.05	<0.0002	<0.0002	22	<0.001	<0.001	0.001	<0.001	0.009	0.006	<0.05	<0.05	0.001	<0.001	46	0.055	<0.005	0.003	0.002	0.9	<5	<5	0.018	<0.005		
SITE2	25 Nov 2024	180	<20	<20	180	13	25	120	260	<5	<0.05	<0.05	<0.0002	<0.0002	40	<0.001	<0.001	0.003	0.002	0.008	0.006	0.12	<0.05	<0.001	<0.001	39	0.22	0.17	0.004	0.005	1.4	8	6	<0.005	<0.005		
SITE2	05 Dec 2024	84	<20	<20	84	6.2	7.6	240	280	<5	<0.05	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.002	<0.001	0.008	0.006	<0.05	<0.05	0.002	<0.001	54	0.07	0.005	0.002	0.002	1.2	<5	<5	<0.005	<0.005		
SITE2	05 Dec 2024	75	<20	<20	75	5	7.5	210	260	<5	0.12	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.003	0.003	0.012	0.012	0.12	<0.05	0.05	<0.001	50	0.087	0.007	0.006	0.006	1.2	<5	<5	0.008	0.007		
SITE2	09 Dec 2024	74	<20	<20	74	4.9	7	210	250	<5	0.06	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.002	<0.001	0.009	0.006	<0.05	<0.05	0.003	<0.001	46	0.061	0.009	0.003	0.003	1.2	<5	<5	0.006	0.005		
SITE2	16 Dec 2024	74	<20	<20	74	4.7	7.2	210	260	<5	<0.05	<0.05	<0.0002	<0.0002	26	<0.001	<0.001	0.001	<0.001	0.01	0.001	<0.05	<0.05	0.003	<0.001	47	0.062	0.007	0.003	0.003	1.4	<5	<5	0.005	<0.005		
SITE2	16 Dec 2024	69	<20	<20	69	4.5	7.2	210	260	<5	<0.05	<0.05	<0.0002	<0.0002	26	0.002	<0.001	0.002	<0.001	0.009	0.006	<0.05	<0.05	0.003	<0.001	48	0.11	0.007	0.003	0.003	1.5	<5	<5	0.048	<0.005		
SITE2	20 Dec 2024	79	<20	<20	79	5	6.6	210	230	<5	<0.05	<0.05	<0.0002	<0.0002	25	<0.001	0.0014	0.002	<0.001	0.01	0.0054	<0.05	<0.05	0.003	<0.001	41	0.088	0.009	0.004	0.004	1.1	<5	<5	<0.005	<0.005		
SITE2	23 Dec 2024	67	<20	<20	67	4.7	6.1	200	210	<5	<0.05	<0.05	<0.0002	<0.0002	21	<0.001	<0.001	0.001	<0.001	0.01	0.005	0.07	<0.05	0.004	<0.001	38	0.11	0.022	0.003	0.003	1	<5	<5	<0.005	<0.005		
SITE2	23 Dec 2024	64	<20	<20	64	4.1	3.6	180	21	<5	<0.05	<0.05	<0.0002	<0.0002	3.2	<0.001	<0.001	<0.001	<0.001	0.006	0.001	<0.05	0.2	<0.001	<0.001	5.1	0.02	0.012	0.004	0.001	0.9	<5	<5	<0.005	<0.005		
SITE2	11 Jan 2024	35	<20	<20	35	3.5	3.5	180	120	<5	<0.05	<0.05	<0.0002	<0.0002	25	0.001	<0.001	0.001	<0.001	0.008	0.004	0.06	<0.05	0.001	<0.001	39	0.12	0.021	0.005	0.004	1	<5	<5	0.061	<0.005		
SITE2	09 Jan 2025	33	<20	<20	33	3.1	5.1	170	180	<5	<0.05	<0.05	<0.0002	<0.0002	22	<0.001	<0.001	0.004	0.001	0.011	0.004	0.06	<0.05	0.005	<0.001	31	0.15	0.048	0.006	0.005	0.004	<5	<5	0.004	<0.005		
SITE2	13 Jan 2025	44	<20	<20	44	3.3	5.2	170	200	<5	<0.05	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.001	<0.001	0.007	0.015	0.005	0.1	<0.05	0.007	<0.001	34	0.23	0.15	0.008	0.007	0.8	<5	<5	0.012	<0.005	
SITE2	18 Jan 2025	46	<20	<20	46	3.3	4.3	170	180	<5	<0.05	<0.05	<0.0002	<0.0002	20	<0.001	<0.001	0.011	<0.001	0.015	0.005	0.07	<0.05	0.007	<0.001	78	0.38	0.23	0.006	0.004	0.7	<5	<5	0.017			

Field ID	Date	Inorganics										Metals																								
		Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Carbonate as CaCO3)	Alkalinity (Hydroxide as CaCO3)	Alkalinity Total as CaCO3	Chloride	Sodium	Sulfate	Hardness as CaCO3	Total Suspended Solids	Aluminum	Aluminum (Filtered)	Cadmium	Cadmium (Filtered)	Cadmium	Chromium (BaV)	Chromium (BaV) (Filtered)	Cobalt	Cobalt (Filtered)	Copper	Copper (Filtered)	Iron	Iron (Filtered)	Lead	Lead (Filtered)	Magnesium	Manganese	Manganese (Filtered)	Nickel	Nickel (Filtered)	Potassium	Vanadium	Vanadium (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	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
20	20	20	20	20	1	0.5	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	0.005	0.005	0.001	0.001	0.001	0.5	5	5	0.005	0.005
SITE4	06 May 2024	<20	<20	<20	<20	7.2	2.4	<5	<5	7	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.001	0.84	0.3	<0.001	<0.001	0.9	0.024	0.02	<0.001	<0.001	1	<5	<5	0.005	0.005	
SITE4	13 May 2024	<20	<20	<20	<20	2	3	<5	6.2	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.81	0.35	0.003	<0.001	1.3	0.031	0.029	<0.001	<0.001	1.2	<5	<5	<0.005	<0.005	
SITE4	06 Dec 2024	<20	<20	<20	<20	12	0.9	<5	<5	5.3	1.5	0.98	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.003	0.002	0.56	0.1	0.002	<0.001	0.8	0.013	0.01	<0.001	<0.001	1.5	<5	<5	<0.005	<0.005	
SITE4	09 Dec 2024	<20	<20	<20	<20	3.5	2.3	<5	6.6	5.3	0.29	0.29	<0.0002	<0.0002	0.6	0.002	<0.001	<0.001	<0.001	0.005	0.004	0.18	0.17	0.001	<0.001	1.2	0.021	0.021	<0.001	<0.001	2.1	<5	<5	0.041	0.006	
SITE4	16 Dec 2024	850	<20	<20	850	3	2.8	<5	5.3	<5	0.26	0.24	<0.0002	<0.0002	<0.5	0.002	<0.001	<0.001	<0.001	0.002	0.002	0.38	0.19	<0.001	<0.001	1.9	0.031	0.028	<0.001	<0.001	1.9	<5	<5	0.039	<0.005	
SITE4	20 Dec 2024	<20	<20	<20	<20	1.2	<0.5	<5	<5	34	0.29	0.051	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.003	0.0033	0.3	0.055	0.002	<0.001	<0.5	0.018	0.0001	<0.001	<0.001	0.9	<5	<5	<0.005	<0.005	
SITE4	23 Dec 2024	<20	<20	<20	<20	3.1	2.4	<5	<5	<5	0.08	0.09	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.003	0.003	0.34	0.17	<0.001	<0.001	0.9	0.014	0.015	<0.001	<0.001	1.2	<5	<5	<0.005	<0.005	
SITE 4	30 Dec 2024	<20	<20	<20	<20	2	2.4	<5	<5	<5	0.07	0.06	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.002	0.43	0.16	<0.001	<0.001	0.7	0.012	0.01	<0.001	<0.001	1	<5	<5	<0.005	<0.005	
SITE 4	31 Dec 2024	<20	<10	<20	<20	1.6	2.3	<5	<5	<5	0.12	0.07	<0.0002	<0.0002	<0.5	0.002	<0.001	<0.001	<0.001	0.001	<0.001	0.29	0.1	<0.001	<0.001	<0.5	0.011	0.009	<0.001	<0.001	1.1	<5	<5	0.073	<0.005	
SITE4	06 Jan 2025	<20	<20	<20	<20	1.3	2.2	<5	<5	5.3	0.08	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.37	0.14	<0.001	<0.001	0.73	0.011	0.009	<0.001	<0.001	0.84	<5	<5	0.014	<0.005	
SITE4	13 Jan 2025	<20	<20	<20	<20	1.5	2.2	<5	<5	<5	0.06	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	0.001	<0.001	0.004	0.009	0.41	0.17	<0.001	<0.001	0.9	0.014	0.013	<0.001	<0.001	0.7	<5	<5	0.011	<0.005
SITE4	18 Jan 2025	<20	<20	<20	<20	1.8	1.6	<5	<5	<5	0.08	0.06	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.002	0.24	0.11	<0.001	<0.001	<0.5	0.01	0.008	<0.001	<0.001	0.7	<5	<5	0.011	<0.005	
SITE4	20 Jan 2025	<20	<20	<20	<20	4.2	2.1	<5	<5	<5	0.07	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.001	0.35	0.12	<0.001	<0.001	0.7	0.011	0.009	<0.001	<0.001	0.7	<5	<5	0.009	<0.005	
SITE4	23 Jan 2025	<20	<20	<20	<20	1.5	1.8	<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	0.1	0.11	<0.001	<0.001	0.8	0.011	0.009	<0.001	<0.001	0.6	<5	<5	0.022	<0.005	
SITE4	27 Jan 2025	<20	<20	<20	<20	2.7	2	<5	<5	<5	0.19	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.002	0.36	0.11	<0.001	<0.001	0.8	0.013	0.011	<0.001	<0.001	0.5	<5	<5	<0.001	<0.001	
SITE4	03 Feb 2025	<20	<20	<20	<20	1.7	3.2	<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	0.33	0.11	<0.001	<0.001	0.9	0.011	0.009	<0.001	<0.001	0.7	<5	<5	0.018	<0.005	
SITE4	10 Feb 2025	<20	<20	<20	<20	2.6	1.8	<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	0.25	0.09	<0.001	<0.001	0.6	0.009	0.007	<0.001	<0.001	0.6	<5	<5	0.02	<0.005	
SITE4	17 Feb 2025	<20	<20	<20	<20	1.3	1.8	<5	<5	<5	0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.001	0.2	0.09	<0.001	<0.001	0.7	0.007	0.006	<0.001	<0.001	0.6	<5	<5	<0.005	<0.005	
SITE4	24 Feb-25	<20	<20	<20	<20	<1	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	0.2	0.09	<0.001	<0.001	0.6	0.006	0.005	<0.001	<0.001	1.5	<5	<5	0.11	<0.005	
SITE4	3 Mar-25	<20	<20	<20	<20	<1	2.4	<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	0.24	0.09	<0.001	<0.001	0.6	0.006	<0.005	<0.001	<0.001	0.6	<5	<5	0.07	<0.005	
SITE4	10-Mar-25	<20	<20	<20	<20	1.1	2.7	<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	0.21	0.08	<0.001	<0.001	0.6	0.006	<0.005	<0.001	<0.001	0.6	<5	<5	0.05	<0.005	
SITE4	17 Mar 2025	<20	<10	<20	<20	1.3	1.9	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.001	0.22	0.08	<1	<1	0.8	0.006	0.005	<0.001	<0.001	0.7	<5	<5	<0.005	<0.005	
SITE4	24 Mar 2025	<20	<20	<20	<20	2.7	2.1	<5	<5	<5	0.07	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.008	0.009	0.22	0.08	7	<1	0.8	0.008	0.005	<0.001	<0.001	0.5	<5	<5	<0.005	<0.005	
SITE4	31 Mar 2025	<20	<20	<20	<20	2.4	1.7	<5	<5	<5	0.06	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.004	0.002	0.2	0.07	1	<1	0.6	0.005	<0.005	<0.001	<0.001	0.7	<5	<5	<0.005	<0.005	
SITE4	02 Apr 2025	<20	<20	<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	0.19	0.07	<1	<1	0.7	<0.005	<0.005	<0.001	<0.001	1.5	<5	<5	<0.005	<0.005	
SITE4	16-Apr-25	<20	<10	<20	<20	11	2.1	3.2	5.3	<5	0.06	<0.05	<0.0002	<0.0002	<0.5	0.002	0.002	0.001	<0.001	<0.001	<0.001	0.26	0.1	<1	<1	1.1	0.008	0.008	0.002	0.002	1.4	<5	<5	<0.005	<0.005	
SITE4	21-Apr-25	<20	<20	<20	<20	3.1	2.3	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	0.002	0.001	0.002	<0.001	0.28	0.1	<1	<1	1	0.008	0.007	0.002	0.002	0.8	<5	<5	<0.005	<0.005	
SITE4	28-Apr-25	<20	<20	<20	<20	1.3	2.3	<5	<5	<5	0.14	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.31	0.12	<1	<1	0.8	0.006	0.005	<0.001	<0.001	0.9	<5	<5	<0.005	<0.005	

Site 4						Site 4														
	Chloride		Sulfate	Hardness as CaCO3	Total Suspended Solids (Total S.S.)	Aluminum (Filtered)	Cadmium (Filtered)	Cadmium	Chromium (BaV) (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)	Magnesium	Manganese (Filtered)	Nickel (Filtered)	Potassium	Vanadium (Filtered)	Zinc (Filtered)	
	mg/L		mg/L	mg/L	mg/L									mg/L						
Min	1.1	0.9	5.2	5.3	<5	Min	0.0510	0.0000	0.6000	0.0000	0.0010	0.0010	0.0510	0.0000	0.6000	0.0050	0.0020	0.5000	0.0000	0.0000
Max	12.0	3.2	5.3	6.6	14.0	Max	0.2500	0.0000	0.6000	0.0000	0.0030	0.0040	0.1900	0.0000	1.3000	0.0200	0.0020	2.1000	0.0000	0.0000
Avg	3.0	2.2	0.4	0.8	7.4	Avg	0.1210	0.0000	0.6000	0.0000	0.0009	0.0019	0.1110	0.0000	0.7920	0.0099	0.0000	0.9386	0.0000	0.0000
Stdv	2.8	0.5	0.0	0.7	3.8	Stdv	0.0988	0.0000	0.0000	0.0000	0.0009	0.0009	0.0363	0.0000	0.1817	0.0056	0.0000	0.4352	0.0000	0.0000

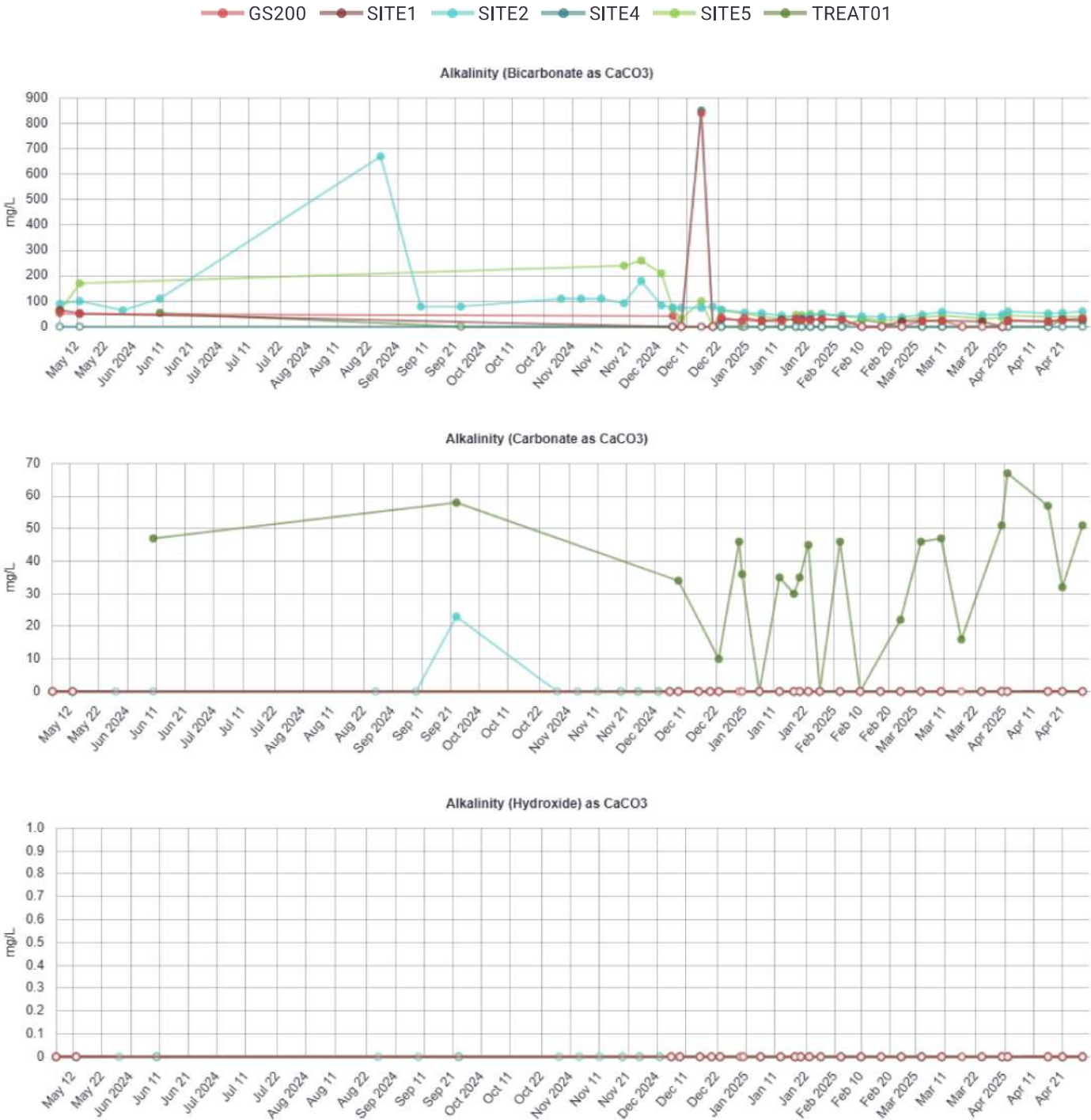
		20	10	20	20	1	0.5	5	5	1	0.05	0.05	0.0002	0.0002	0.5	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	0.001	0.001	0.5	0.005	0.005	0.001	0.001	0.5	5	5	0.005	0.005	
Field ID	Date																																			
TREAT01	10 Jun 2024	54	47	<20	100	3.8	6.4	2.20	270	5	<0.05	<0.05	<0.0002	<0.0002	13	<0.001	<0.001	<0.001	<0.001	0.005	0.002	<0.05	<0.05	0.002	<0.001	58	0.012	<0.005	0.002	0.001	0.9	<5	<5	<0.005	<0.005	
TREAT01	23 Sep 2024	<20	58	<20	77	5.8	7.2	250	290	<5	<0.05	<0.05	<0.0002	<0.0002	13	<0.001	<0.001	<0.001	0.003	<0.001	0.008	0.002	<0.05	<0.05	0.003	<0.001	64	0.007	<0.005	0.004	0.002	0.9	<5	<5	0.027	<0.005
TREAT01	09 Dec 2024	<20	34	<20	34	5	5.8	270	260	6.6	0.07	<0.05	<0.0002	<0.0002	47	<0.001	<0.001	0.021	0.001	0.066	0.004	0.08	<0.05	0.006	<0.001	33	0.051	0.007	0.014	0.003	1.3	<5	<5	0.4	<0.005	
TREAT01	23 Dec 2024	<20	10	<20	27	3.9	4	240	230	<5	0.08	<0.05	<0.0002	<0.0002	48	<0.001	<0.001	0.022	0.004	0.15	0.01	<0.05	<0.05	0.013	0.009	27	0.027	0.013	0.017	0.003	0.9	<5	<5	0.027	0.006	
TREAT01	30 Dec 2024	<20	46	<20	48	3.8	4.6	160	180	<5	<0.05	<0.05	<0.0002	<0.0002	11	0.003	<0.001	<0.001	<0.001	0.006	0.008	<0.05	<0.05	0.001	<0.001	37	0.006	<0.005	0.002	<0.001	1	<5	<5	<0.005	<0.005	
TREAT01	31 Dec 2024	<20	36	<20	46	3.3	4.8	160	190	<5	<0.05	<0.05	<0.0002	<0.0002	13	0.002	<0.001	0.004	<0.001	0.019	<0.001	0.09	<0.05	0.005	<0.001	38	0.016	<0.005	0.005	<0.001	1	<5	<5	<0.058	<0.005	
TREAT01	06 Jan 2025	<20	<20	<20	<20	2.6	3.5	220	210	<5	0.23	<0.05	0.0004	<0.0002	55	<0.001	<0.001	0.08	0.002	0.6	0.006	0.07	<0.05	0.032	0.004	17	0.068	<0.005	0.062	0.002	0.85	<5	<5	0.11	<0.005	
TREAT01	13 Jan 2025	<20	35	<20	38	3.2	3.9	150	170	11	<0.05	<0.05	<0.0002	<0.0002	15	<0.001	<0.001	0.004	<0.001	0.026	0.002	<0.05	<0.05	0.002	<0.001	31	0.005	<0.005	0.004	<0.001	0.8	<5	<5	0.009	<0.005	
TREAT01	18 Jan 2025	<20	30	<20	49	3.3	3.7	150	160	18	<0.05	<0.05	<0.0002	<0.0002	12	<0.001	<0.001	0.015	<0.001	0.092	0.004	0.1	<0.05	0.011	<0.001	31	0.066	<0.005	0.016	0.002	0.8	<5	<5	0.06	<0.005	
TREAT01	20 Jan 2025	<20	35	<20	52	3.6	4	140	170	<5	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	0.007	<0.001	0.018	0.002	0.06	<0.05	0.006	<0.001	35	0.061	<0.005	0.011	0.001	0.8	<5	<5	0.017	<0.005	
TREAT01	21 Jan 2025	<20	35	<20	48	3.3	3.5	103	100	<5	<0.05	<0.05	<0.0002	<0.0002	12	<0.001	<0.001	0.006	<0.001	0.018	0.002	<0.05	<0.05	0.003	<0.001	38	0.007	<0.005	0.004	<0.001	0.7	<5	<5	0.023	<0.005	
TREAT01	27 Jan 2025	<20	<20	<20	<20	2.7	3.1	180	170	<5	0.18	<0.05	<0.0002	<0.0002	37	<0.001	<0.001	0.027	<0.001	0.19	0.005	<0.05	<0.05	0.015	0.004	18	0.031	<0.005	0.021	0.001	0.7	<5	<5	0.03	<0.005	
TREAT01	03 Feb 2025	<20	46	<20	64	5.3	4.9	130	160	11	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	0.008	<0.001	0.028	0.003	0.07	<0.05	0.01	<0.001	33	0.038	<0.005	0.011	0.003	0.9	<5	<5	0.024	<0.005	
TREAT01	10 Feb 2025	28	<20	<20	28	2.9	2.9	140	170	<5	0.12	<0.05	0.0002	<0.0002	32	<0.001	<0.001	0.048	<0.001	0.32	0.002	0.05	<0.05	0.025	0.002	21	0.055	<0.005	0.035	0.001	0.7	<5	<5	0.075	<0.005	
TREAT01	24-Feb-25	<20	22	<20	33	2.3	2.7	93	130	8.3	<0.05	<0.05	<0.0002	<0.0002	33	<0.001	<0.001	0.011	<0.001	0.076	<0.001	<0.05	<0.05	0.023	0.007	10	0.015	<0.005	0.007	<0.001	1.2	<5	<5	0.12	<0.005	
TREAT01	3-Mar-25	<20	46	<20	49	3.9	4.5	120	180	25	0.15	<0.05	<0.0002	<0.0002	27	<0.001	<0.001	0.055	<0.001	0.19	0.003	0.12	<0.05	0.023	<0.001	29	0.16	<0.005	0.042	0.003	0.9	<5	<5	0.14	<0.005	
TREAT01	10-Mar-25	<20	47	<20	66	3.3	4.5	94	170	12	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	0.008	0.008	0.035	0.035	0.12	0.09	0.009	0.006	35	0.043	0.044	0.014	0.012	0.6	<5	<5	0.02	0.016	
TREAT01	17 Mar 2025	<20	16	<20	26	2.5	2.7	130	150	<5	0.16	<0.05	0.0002	<0.0002	42	<0.001	<0.001	0.075	<0.001	0.56	0.003	0.09	<0.05	53	5	10	0.071	<0.005	0.055	<0.001	0.7	<5	<5	0.075	<0.005	
TREAT01	31 Mar 2025	<20	51	<20	60	2.6	4.3	98	160	6.6	<0.05	<0.05	<0.0002	<0.0002	12	<0.001	<0.001	0.006	<0.001	0.031	0.003	0.06	<0.05	6	<1	31	0.029	<0.005	0.011	0.004	1.9	<5	<5	0.016	<0.005	
TREAT01	02 Apr 2025	<20	67	<20	83	11	3.7	100	160	<5	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	0.003	<0.001	0.016	0.002	0.06	<0.05	4	<1	32	0.026	<0.005	0.011	0.005	1.2	<5	<5	0.015	<0.005	
TREAT01	16-Apr-25	<20	57	<20	59	25	3.5	89	160	<5	<0.05	<0.05	<0.0002	<0.0002	9.3	<0.001	<0.001	0.002	<0.001	0.012	0.002	<0.05	<0.05	3	<1	33	0.006	<0.005	0.007	0.002	1.1	<5	<5	0.011	<0.005	
TREAT01	21-Apr-25	27	32	<20	59	2.7	4.1	110	180	14	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	0.016	<0.001	0.13	0.003	0.1	<0.05	14	<1	36	0.025	<0.005	0.023	0.003	2.2	<5	<5	0.026	<0.005	
TREAT01	28-Apr-25	20	51	<20	71	3	4.5	110	180	18	<0.05	<0.05	<0.0002	<0.0002	9.7	<0.001	<0.001	0.003	<0.001	0.011	0.002	0.11	<0.05	5	<1	38	0.036	<0.005	0.013	0.003	1.1	<5	<5	0.12	0.11	

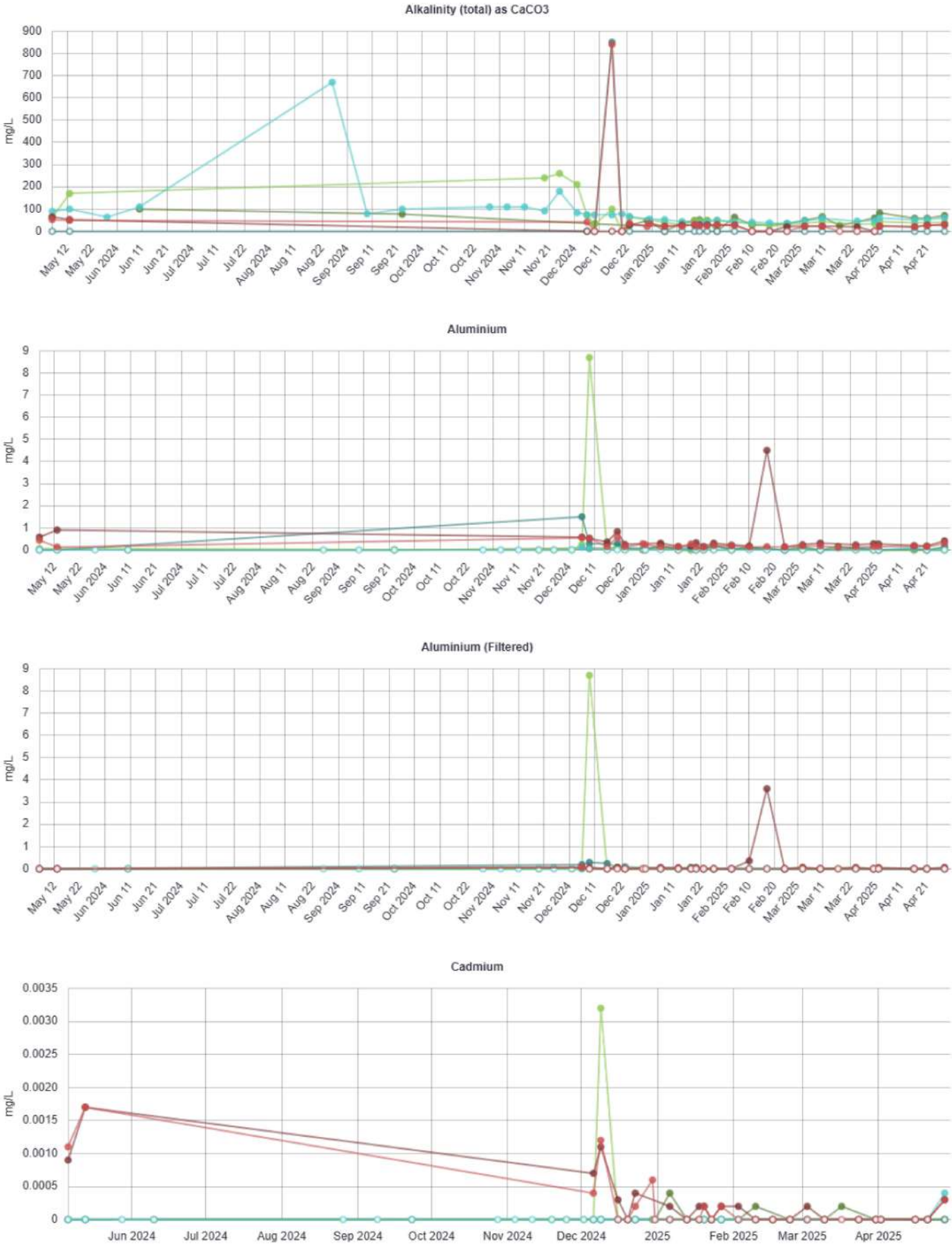
Treat01	Chloride	Sodium	Sulphate	Hardness as CaCO3	Total Suspended Solids (lab)	Treat01	Aluminium (filtered)	Cadmium (filtered)	Calcium	Chromium (III-VI) (filtered)	Cobalt (filtered)	Copper (filtered)	Iron (filtered)	Lead (filtered)	Magnesium	Manganese (filtered)	Nickel (filtered)	Potassium	Uranium (filtered)	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	2.3	2.7	89.0	130.0	5.0	Min	0.000	0.000	9.300	0.000	0.001	0.002	0.090	0.002	10.000	0.007	0.001	0.600	0.000	0.000
Max	25.0	7.2	270.0	290.0	25.0	Max	0.000	0.000	55.000	0.000	0.008	0.035	0.090	5.000	64.000	0.044	0.012	2.200	0.000	0.116
Avg	4.8	4.3	151.9	186.5	12.3	Avg	0.000	0.000	21.565	0.000	0.004	0.005	0.000	0.719	31.957	0.021	0.003	1.007	0.000	0.044
Stdev	4.8	1.1	53.9	40.0	6.1	Stdev	0.000	0.000	14.905	0.000	0.003	0.007	0.000	1.888	12.463	0.020	0.003	0.378	0.000	0.000

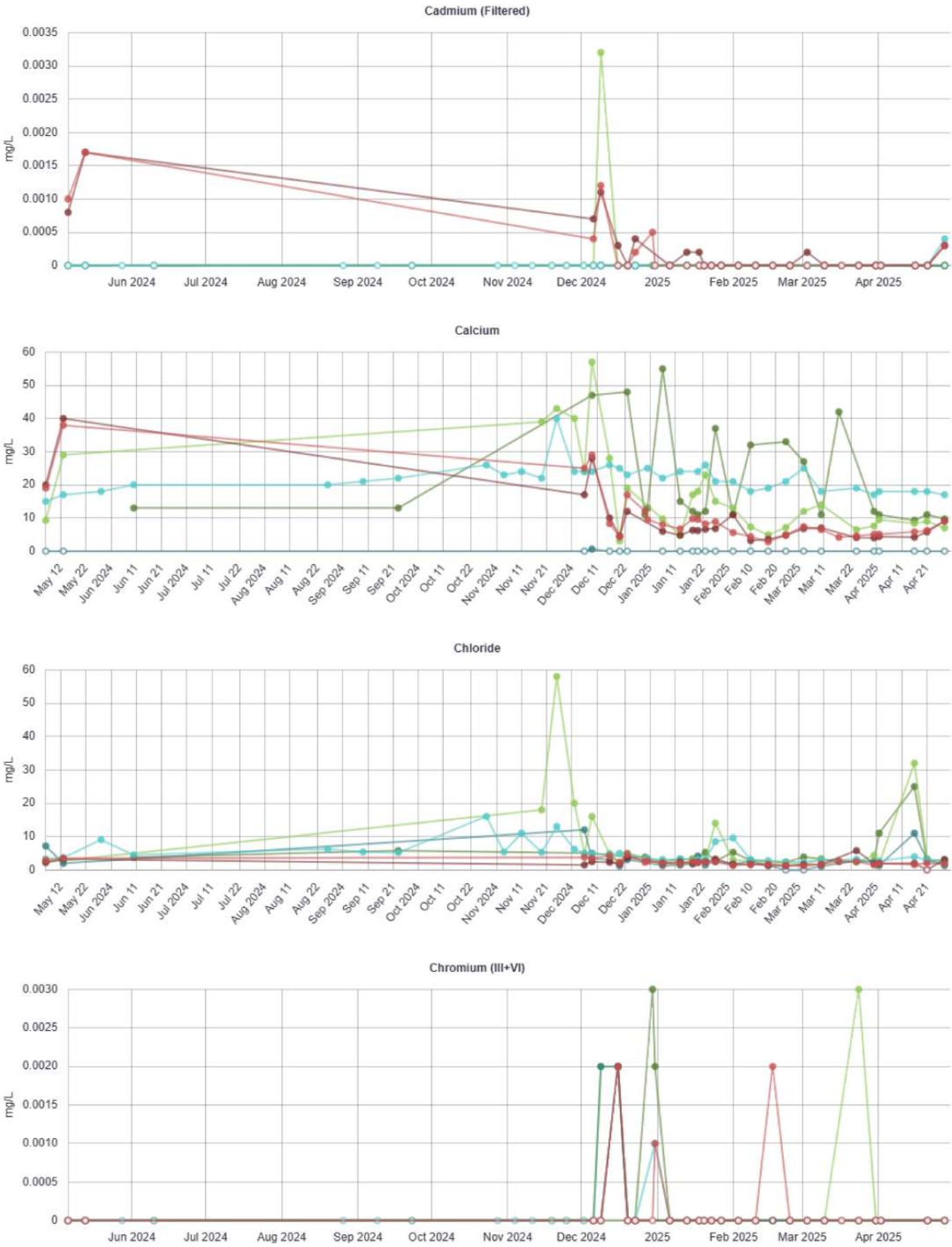
[illegible]

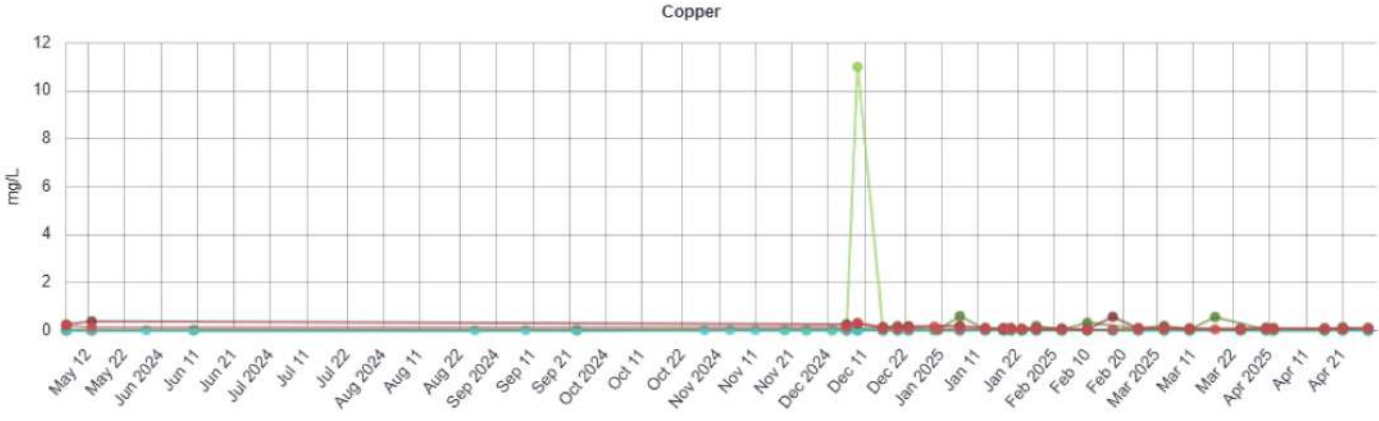
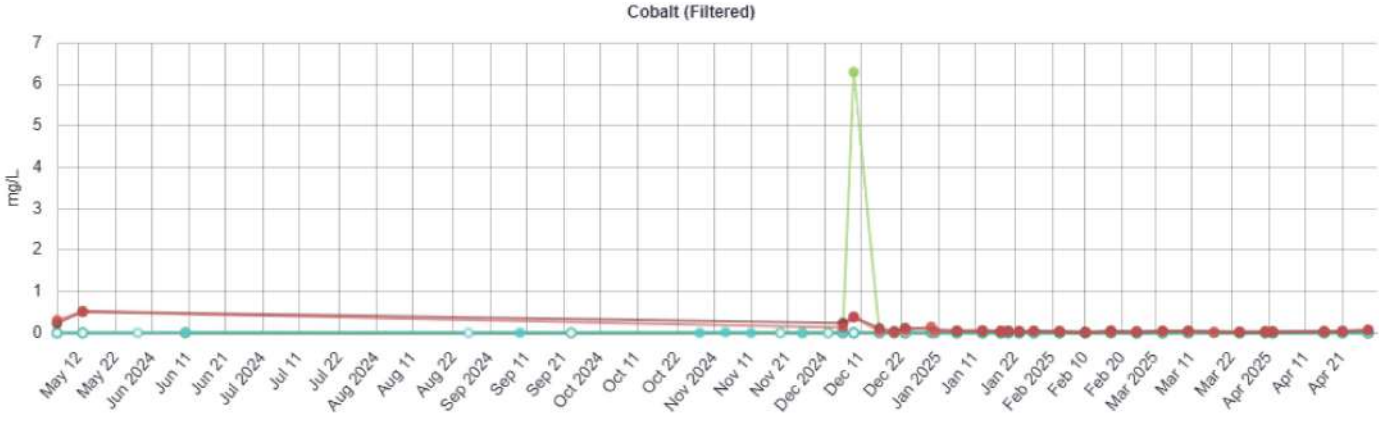
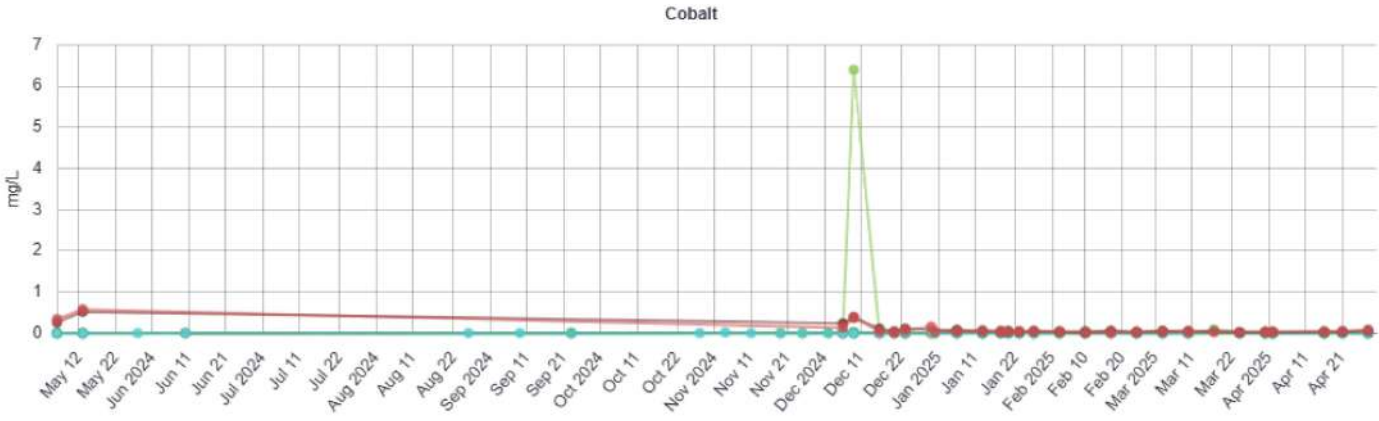
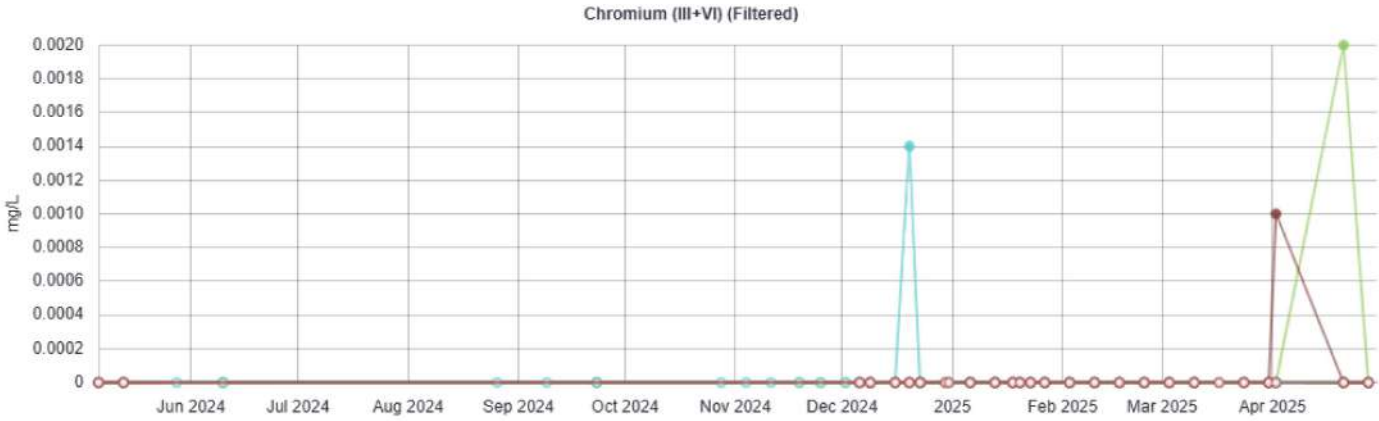
APPENDIX C- GRAPHS OF FIELD AND LABORATORY DATA BY MONITORING SITE

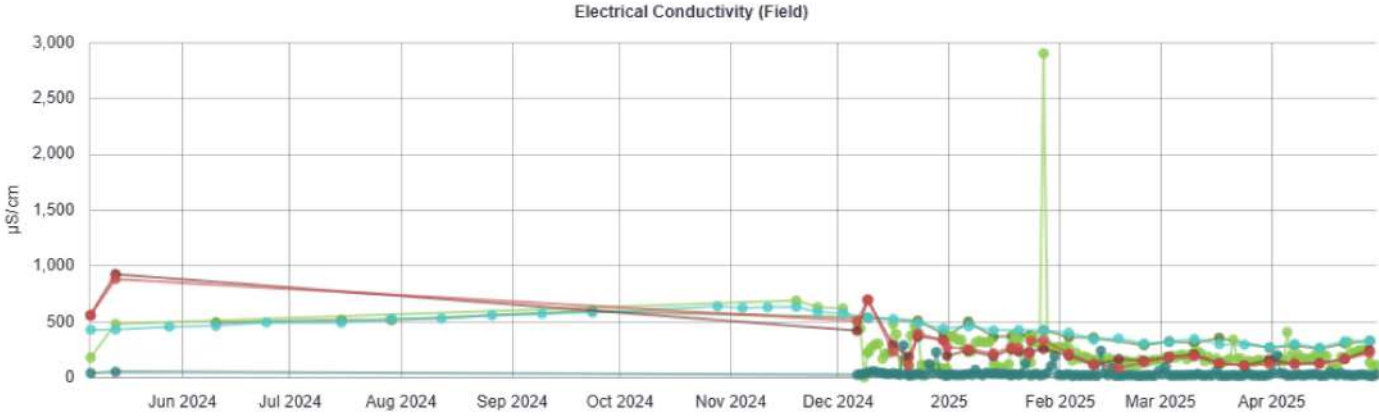
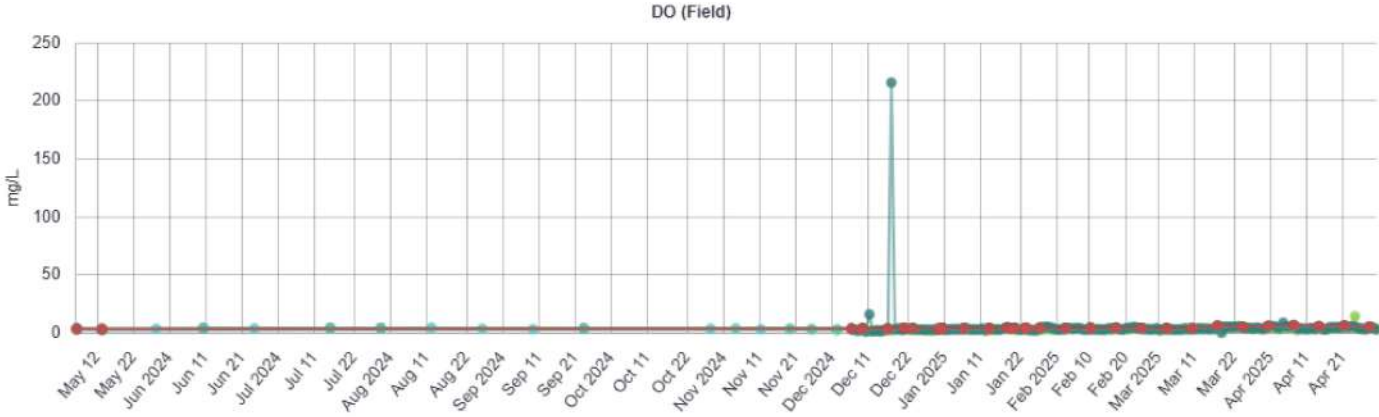
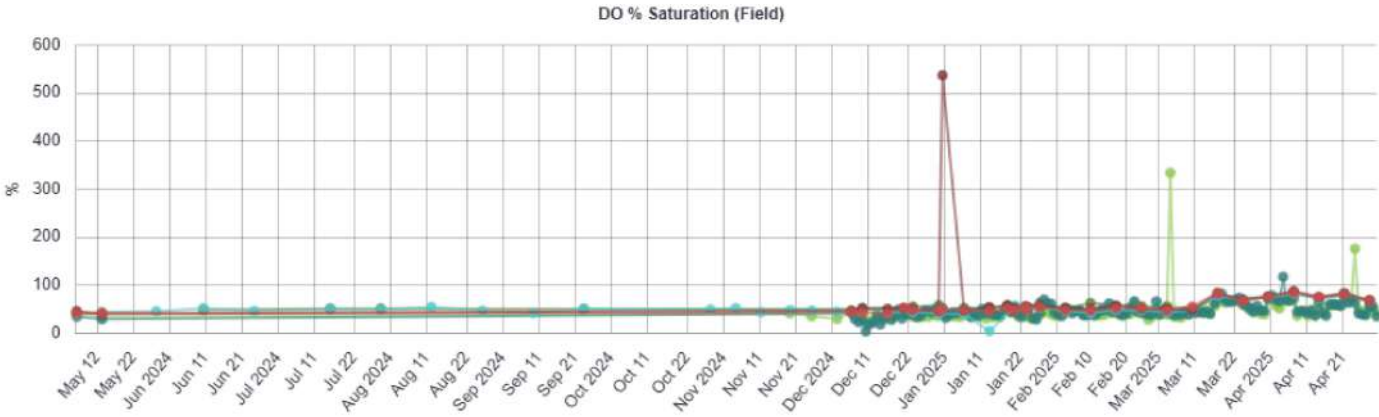
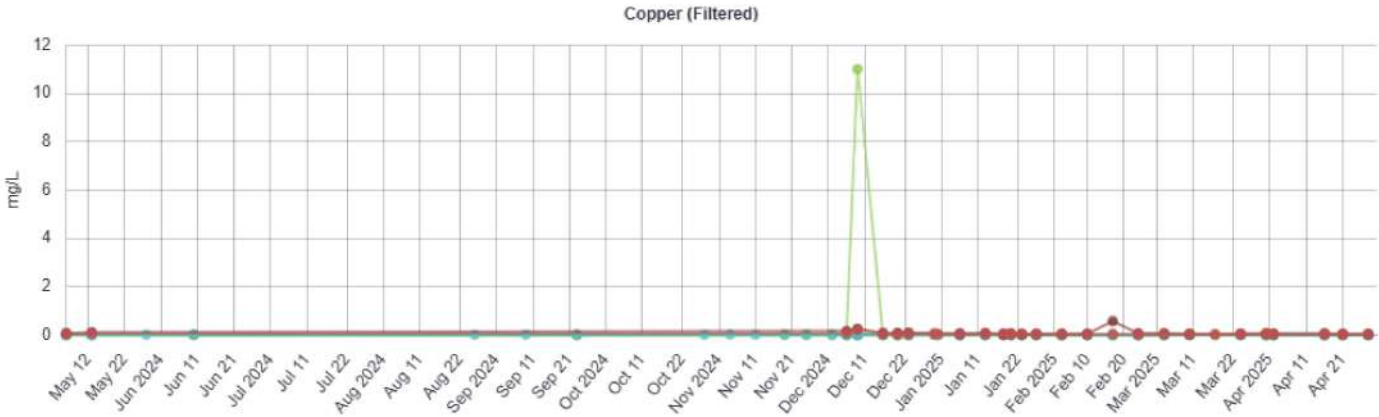
Graph



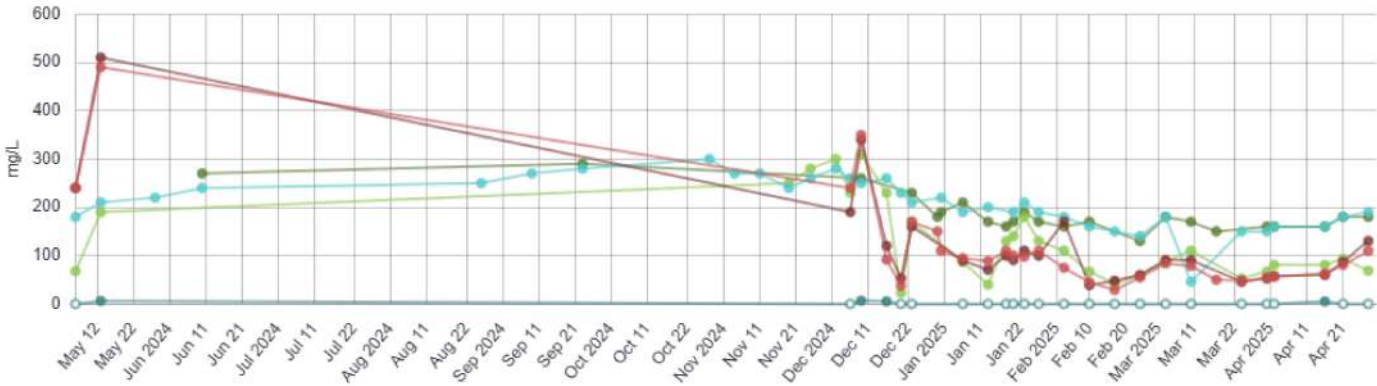




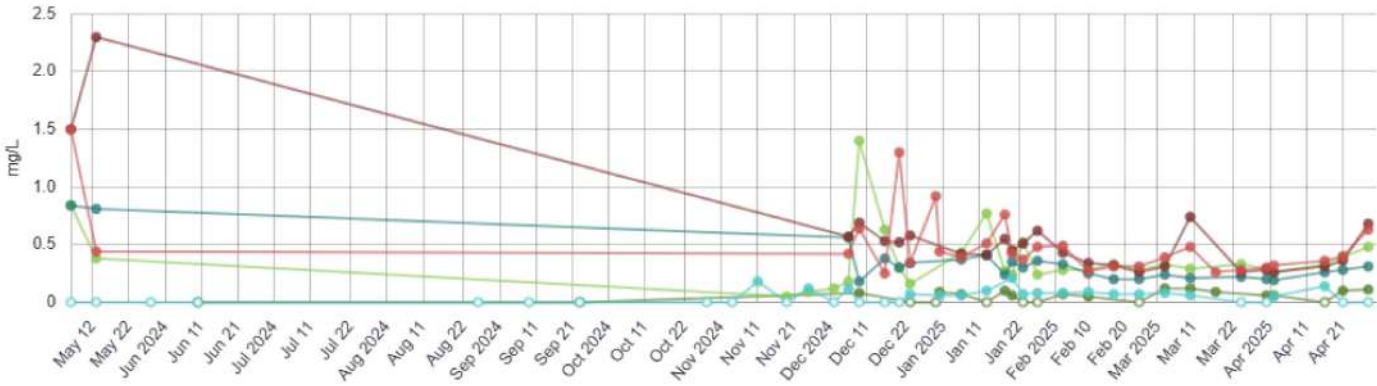




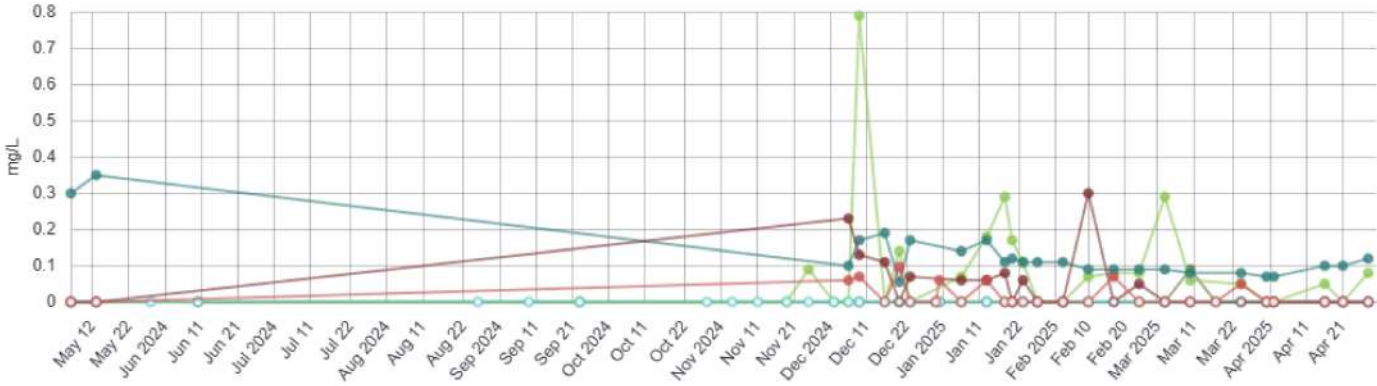
Hardness as CaCO3



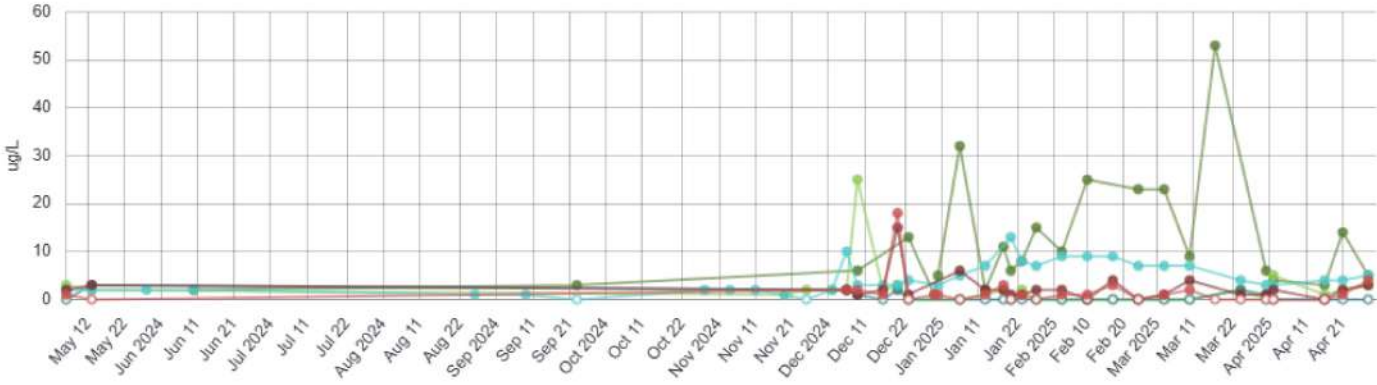
Iron

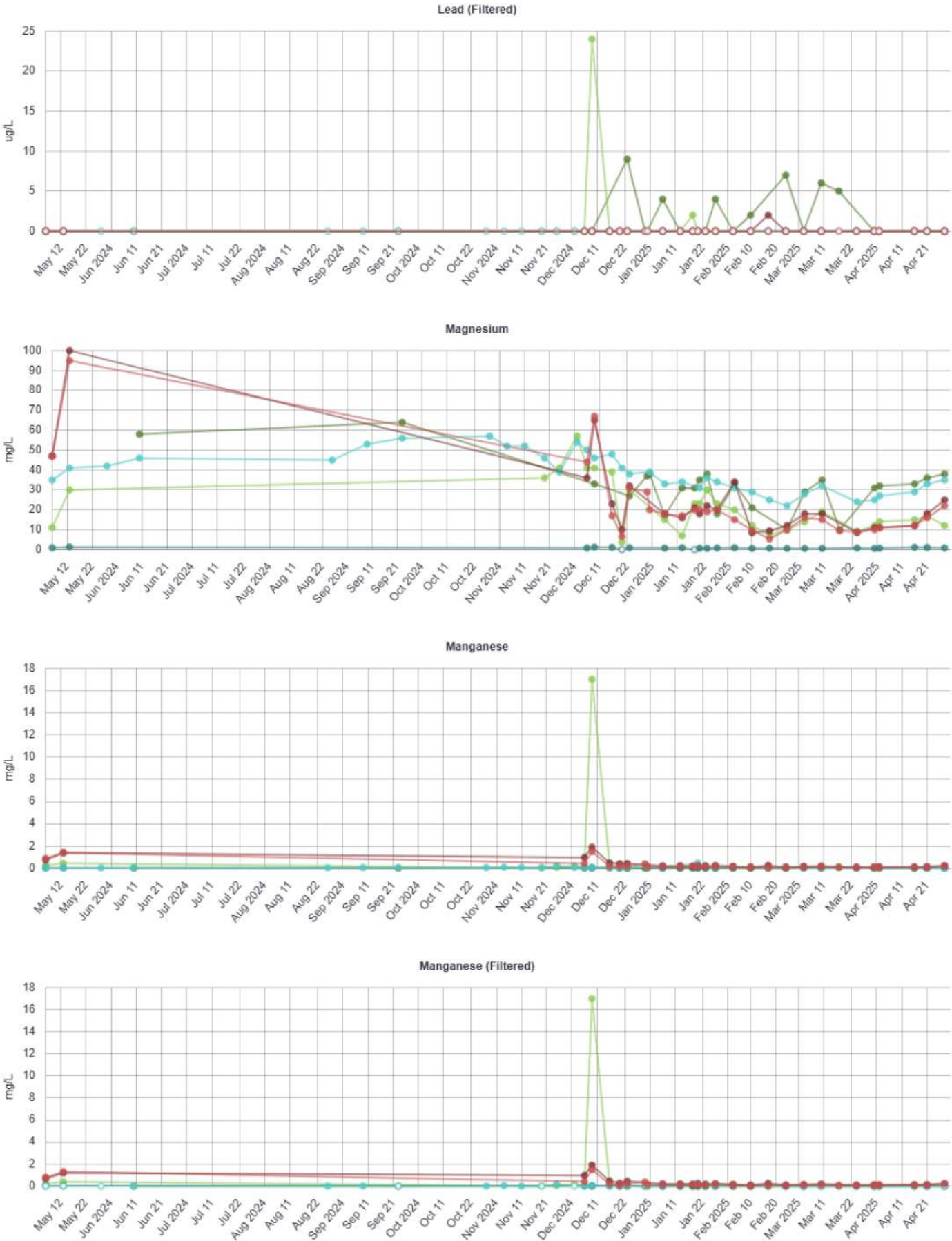


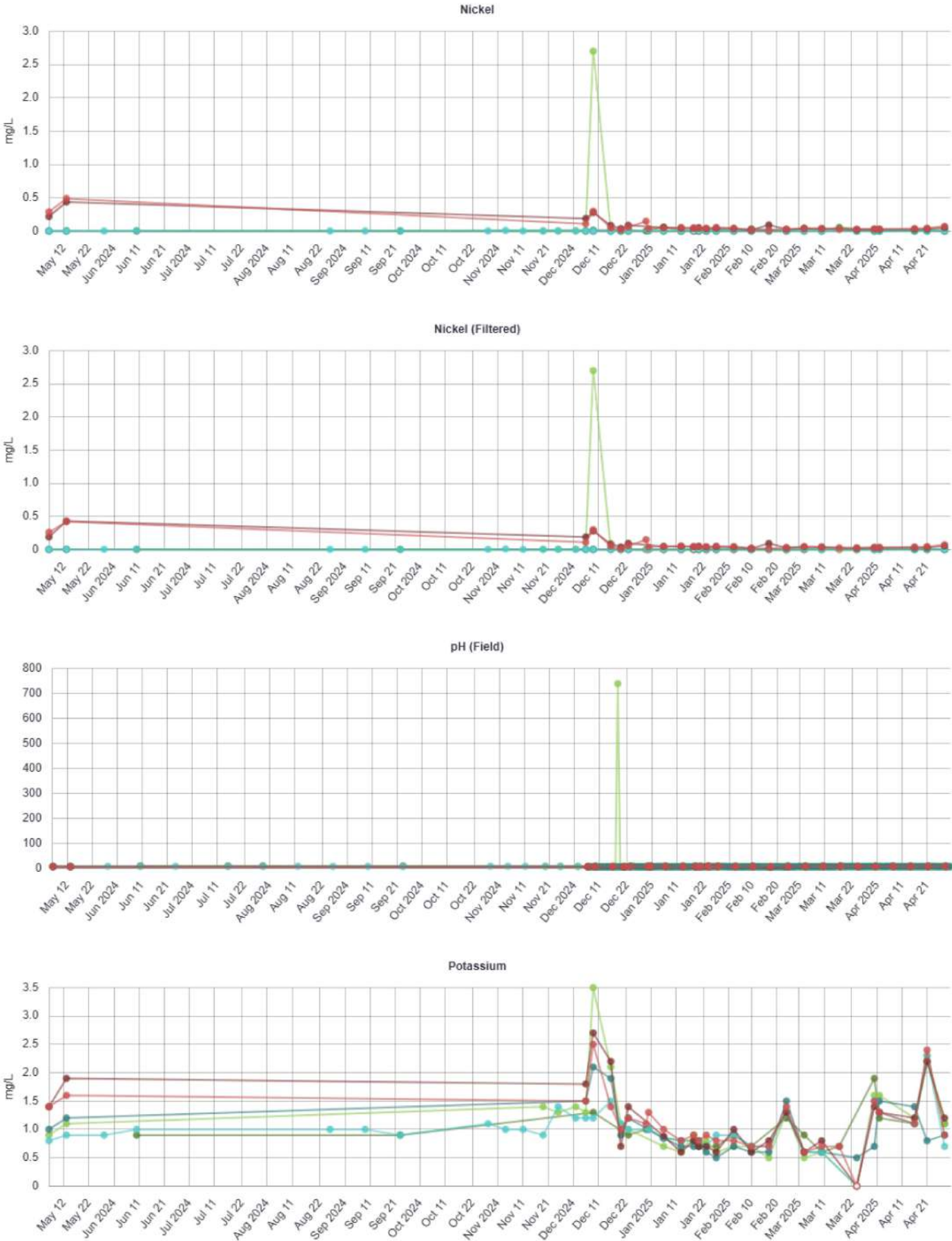
Iron (Filtered)

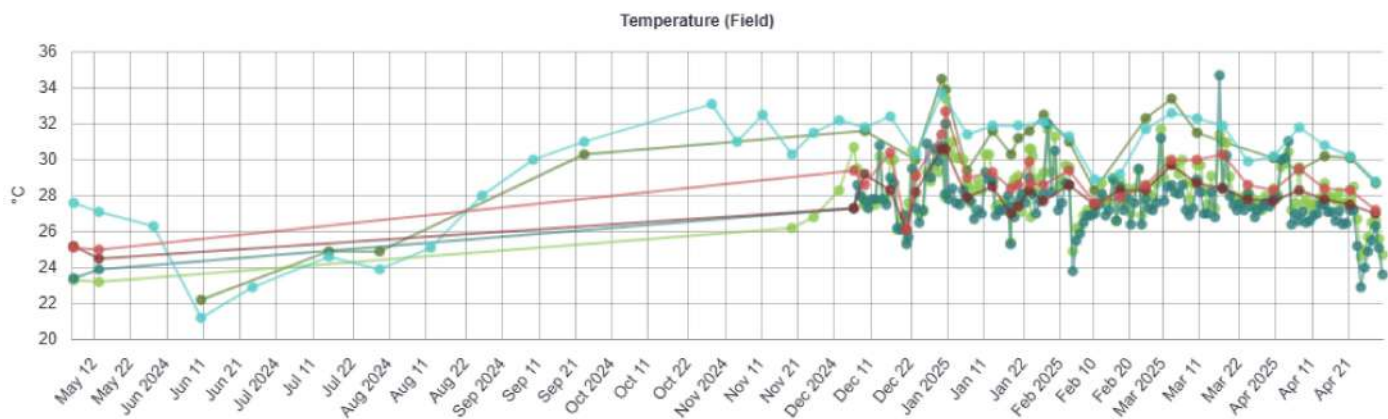
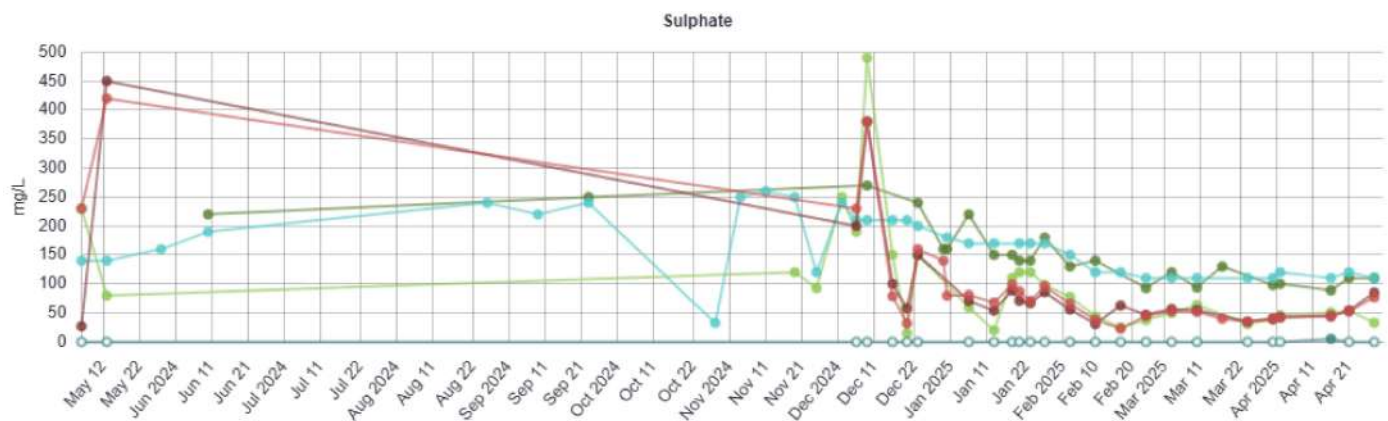
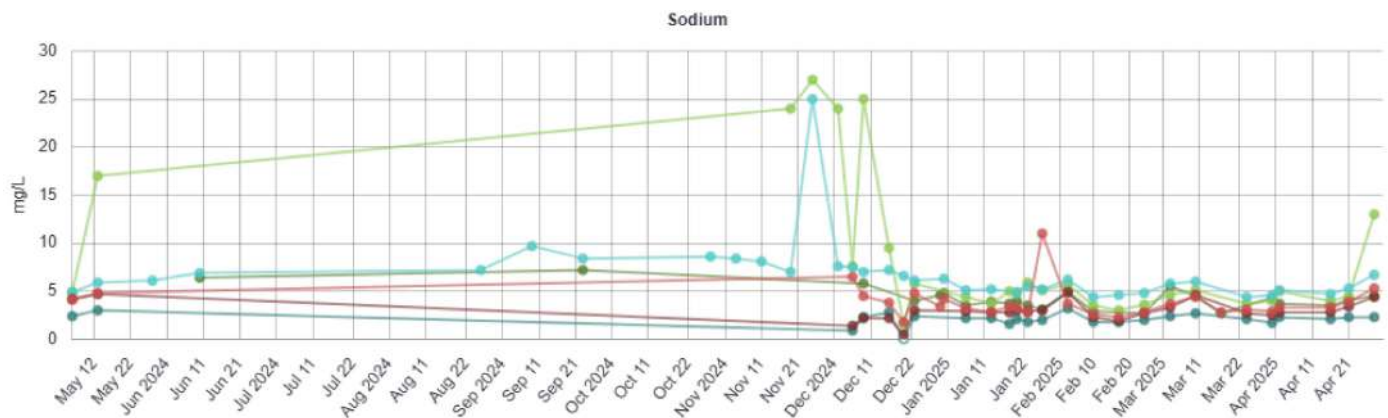
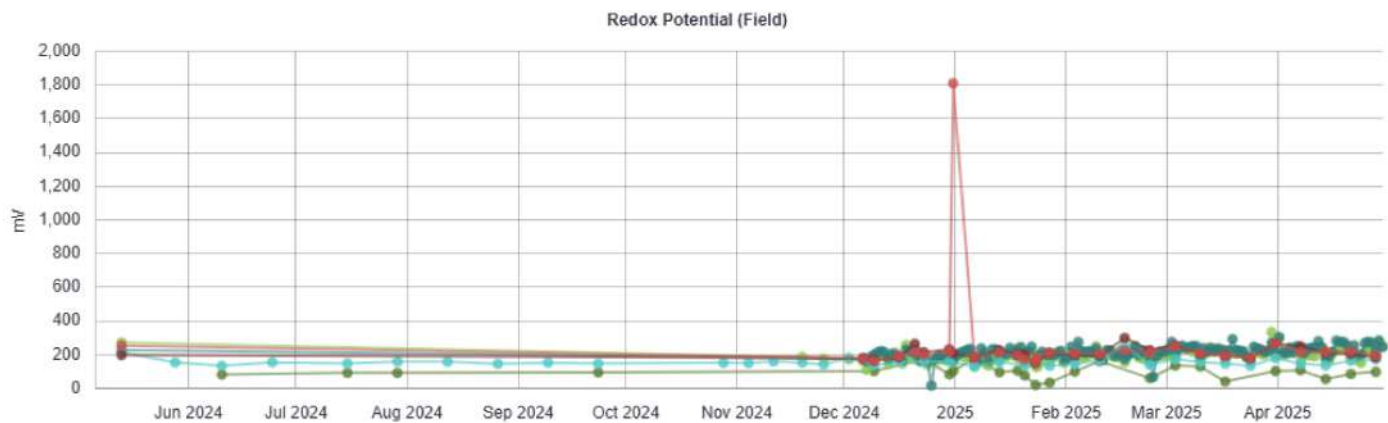


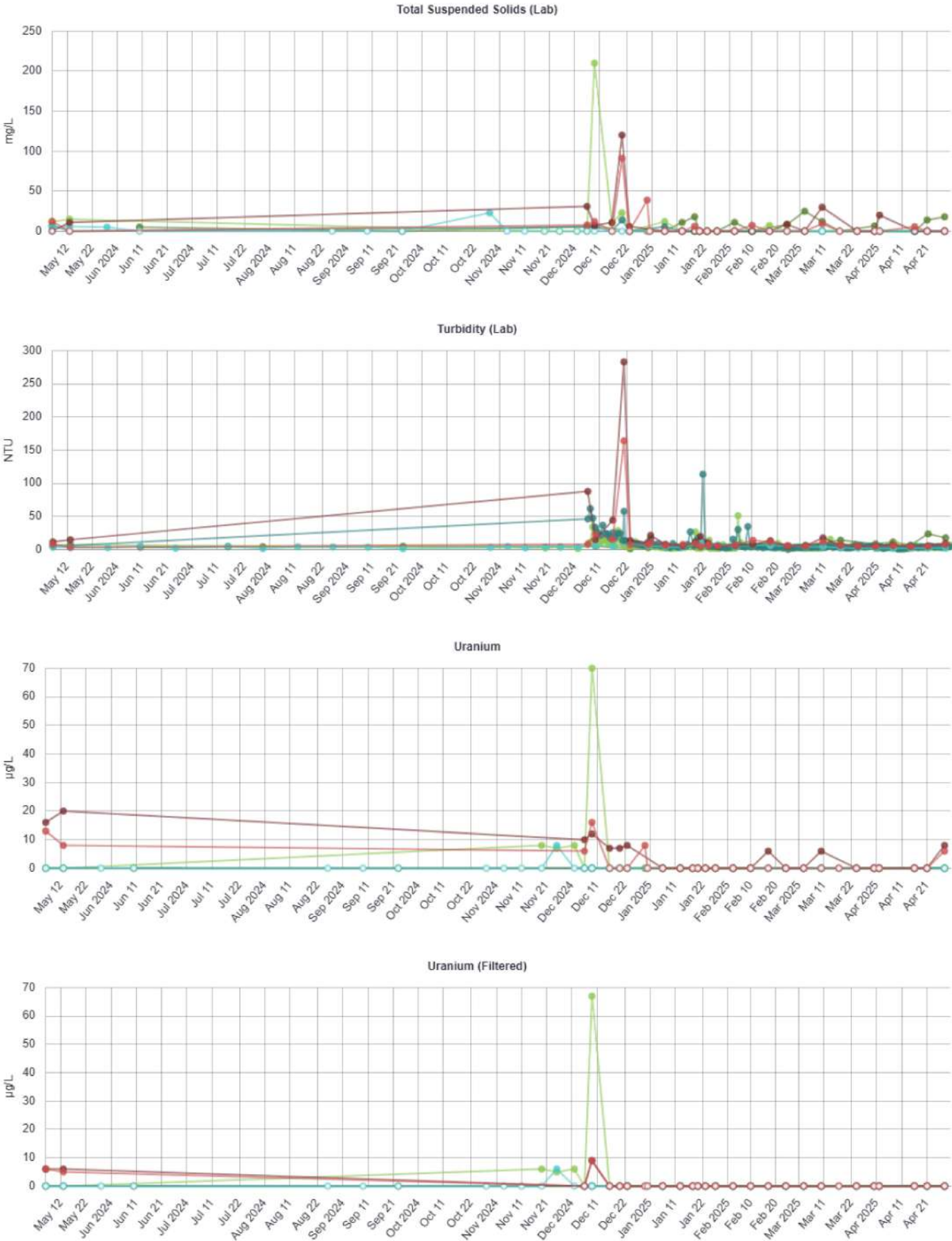
Lead

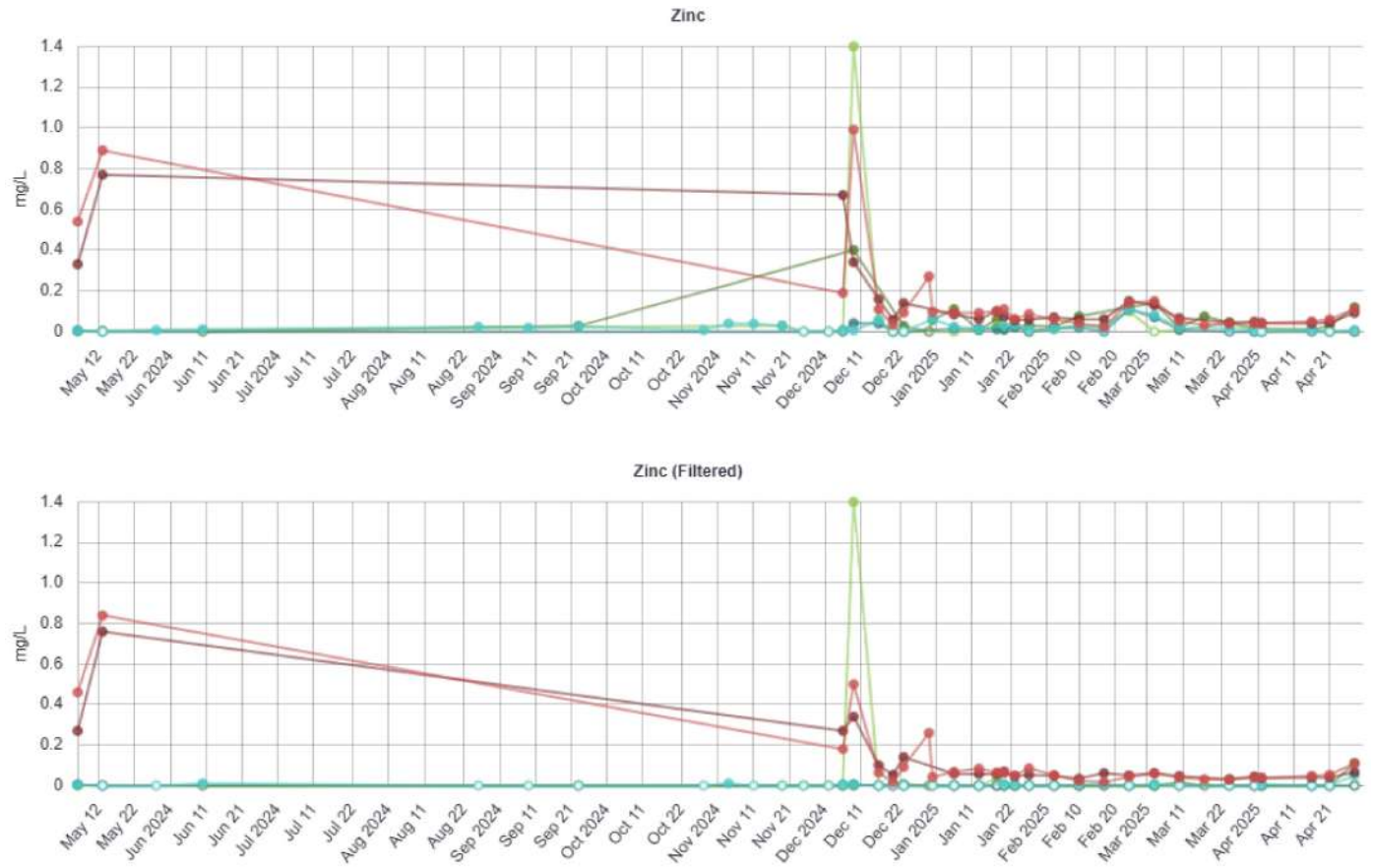












Note: Detects are shown on the graphs with a solid dot. Non-Detects are shown with a hollow dot.

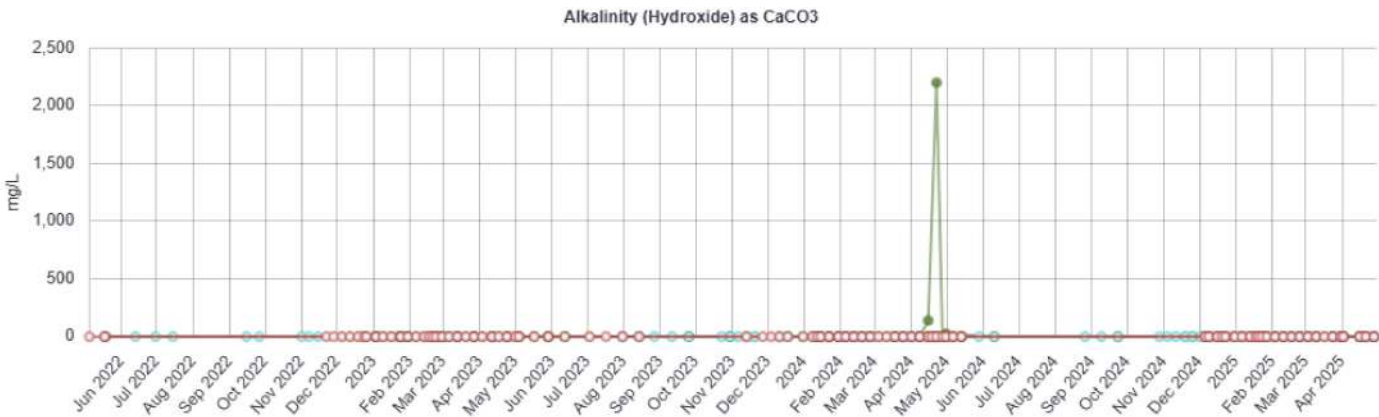
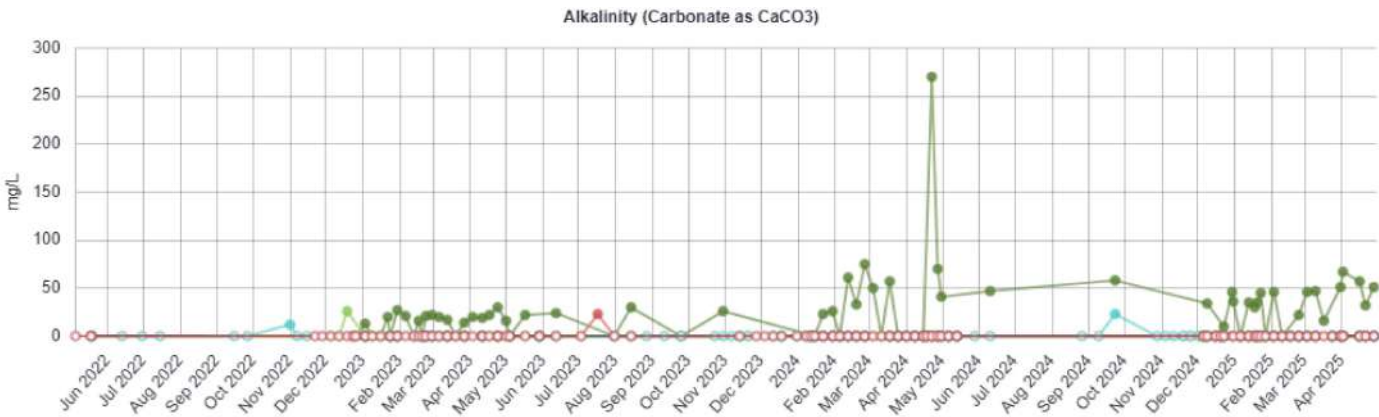
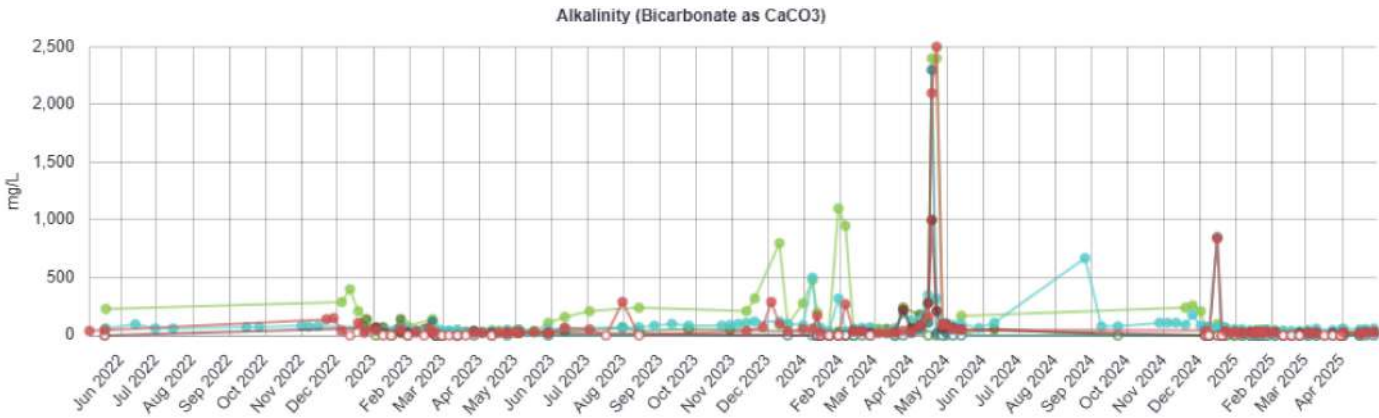
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Exported By	Andrew_Tong
Exported From	https://online.esdat.net/DataView/Graph/Chem_Result#filter=%5B%7B%22field%22%3A%22Location_ID%22%2C%22operator%22%3A%22in%22%2C%22value%22%3A%5B2135%2C2136%2C2138%2C2139%2C3598%2C2095%5D%7D%2C%7B%22field%22%3A%22SampledDate%22%2C%22operator%22%3A%22bw%22%2C%22value%22%3A%222024-05-01T12%3A04%3A21%22%2C%22value%22%3A%222025-04-30T12%3A04%3A21%22%7D%5D
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Log Scale	N

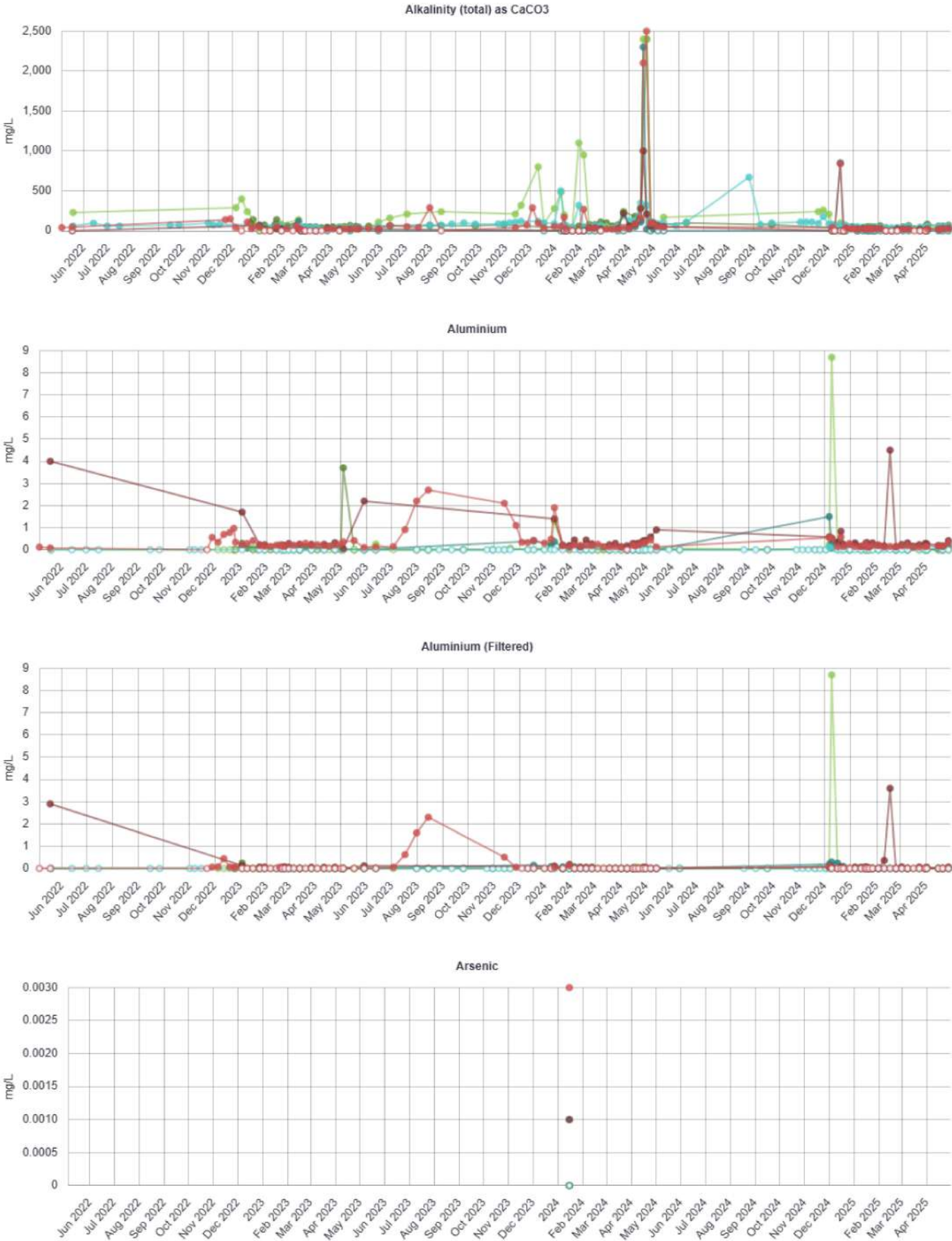
Data Points Enabled	Y
Non-Detects Plot A	0

APPENDIX D – GRAPHS OF TREND DATA FOR 2022 - 2025

Graph

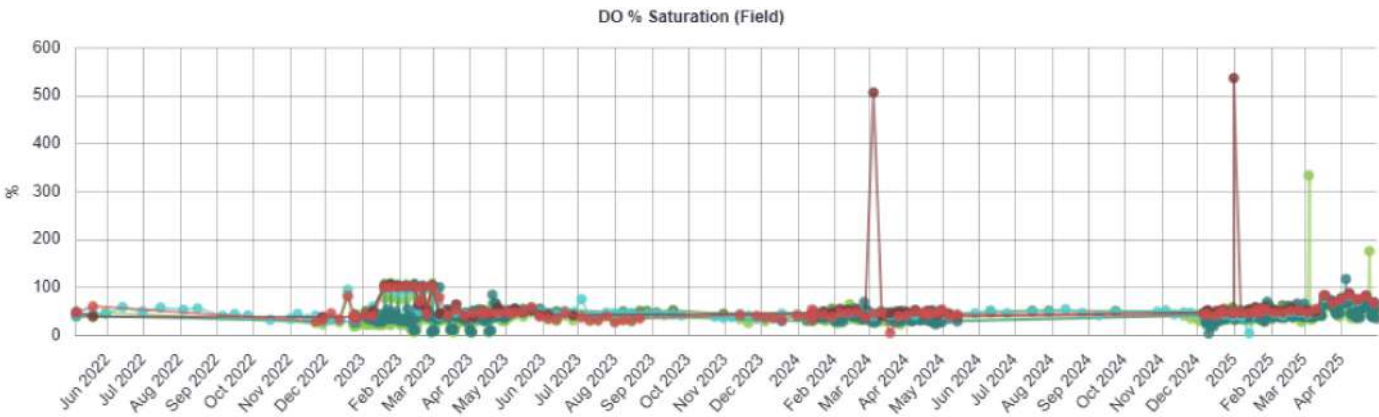
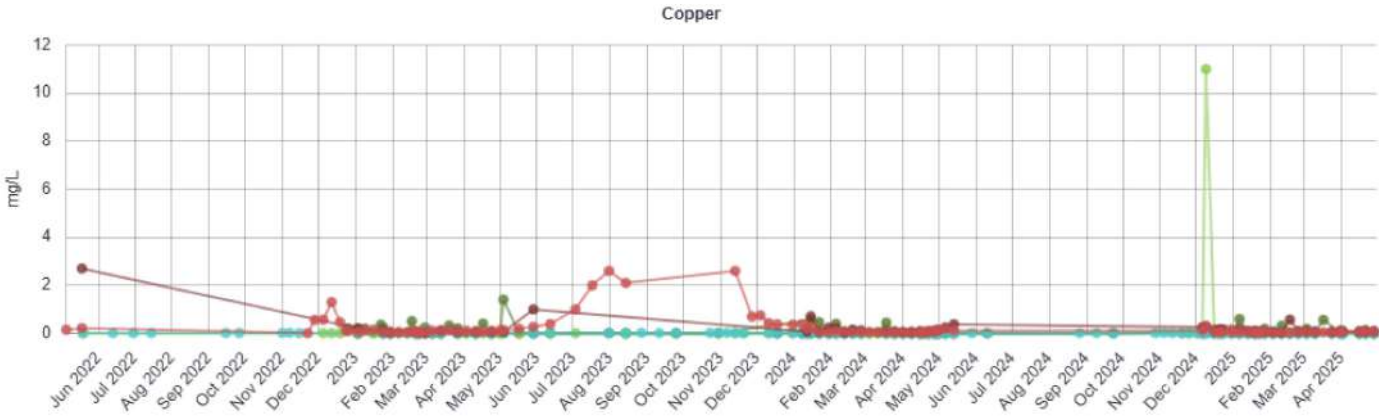
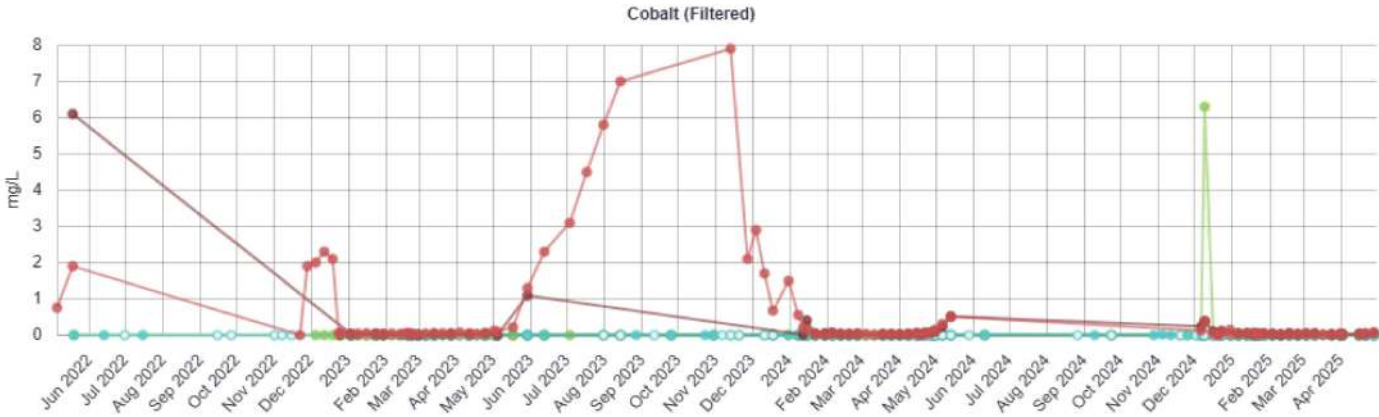
GS200 SITE1 SITE2 SITE4 SITE5 TREAT01

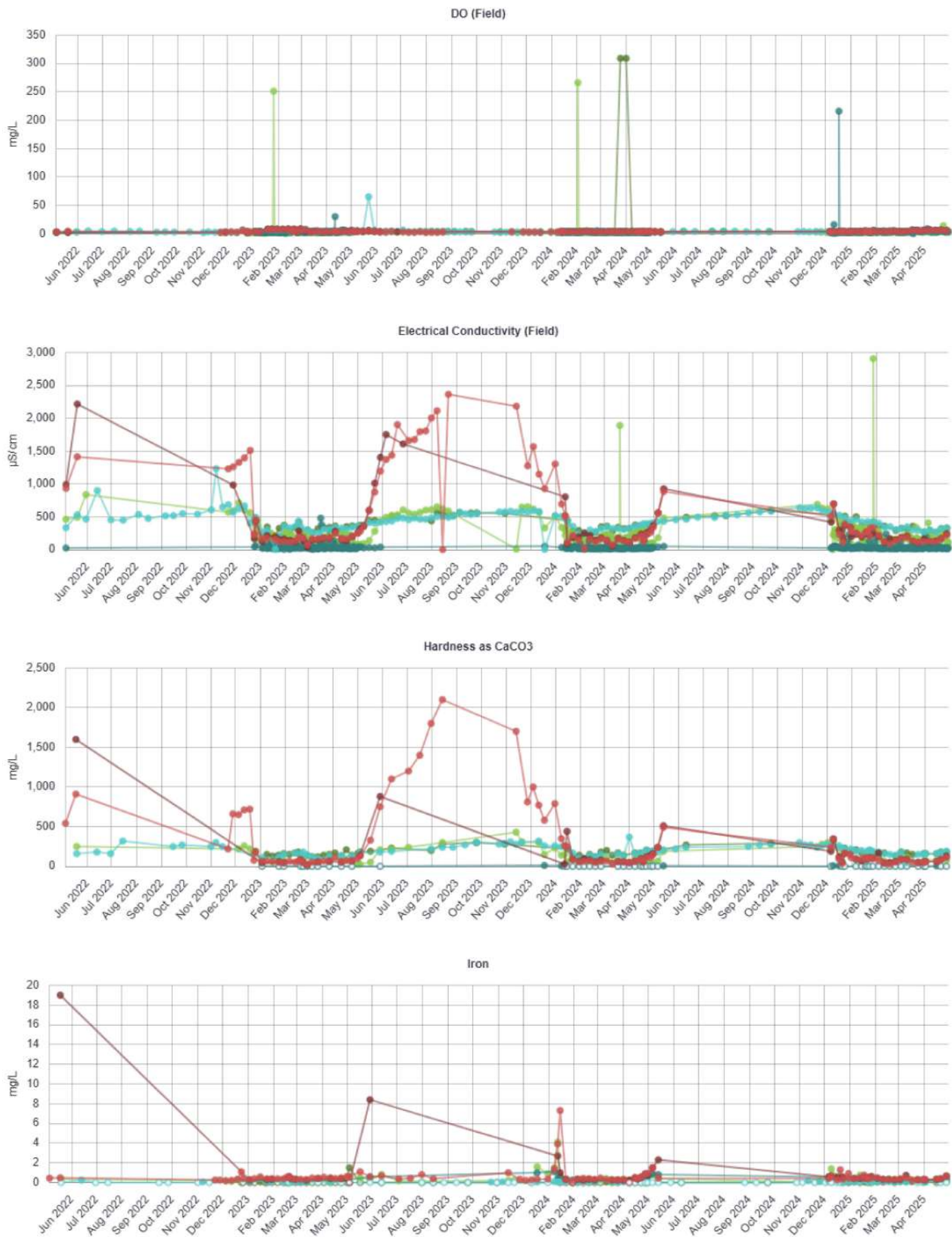




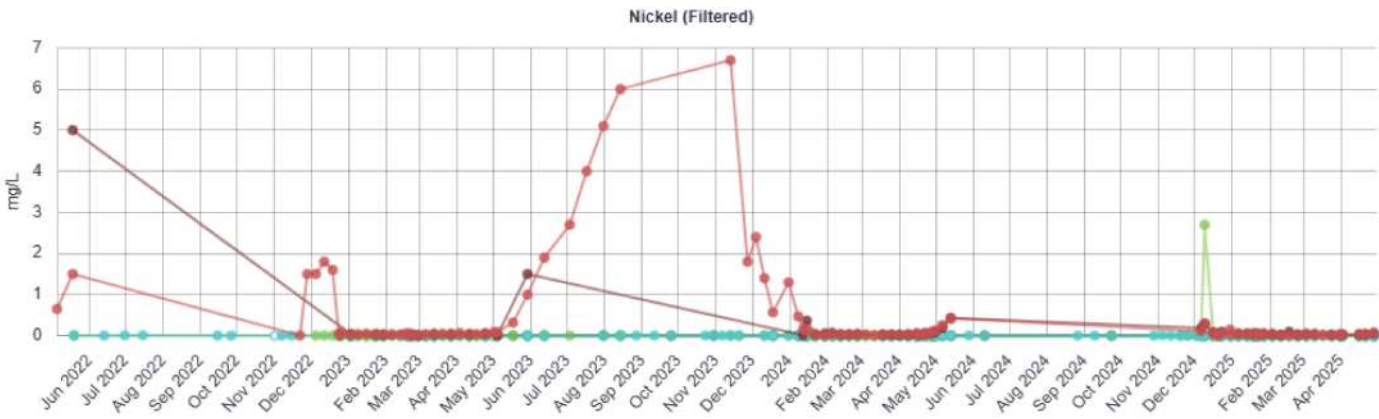
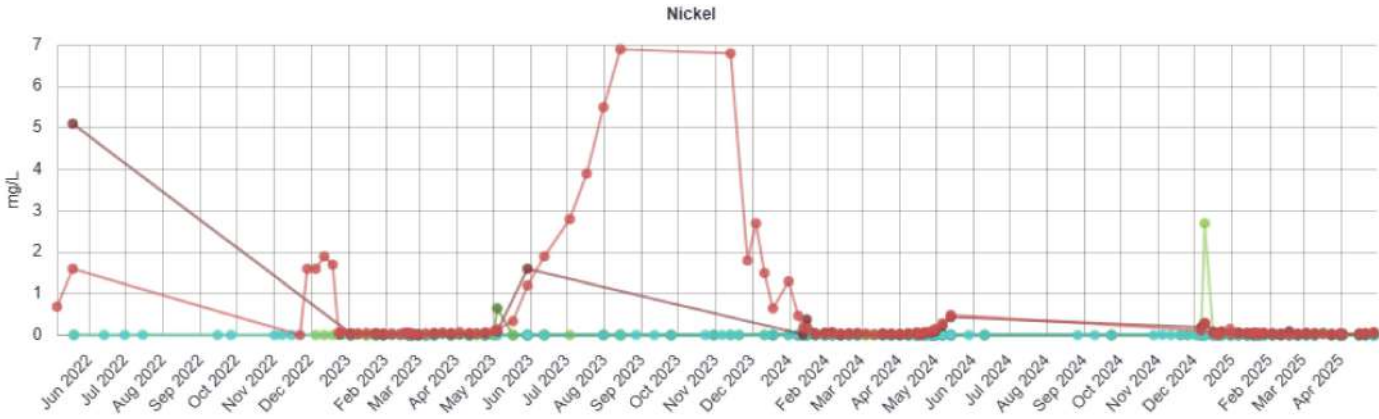
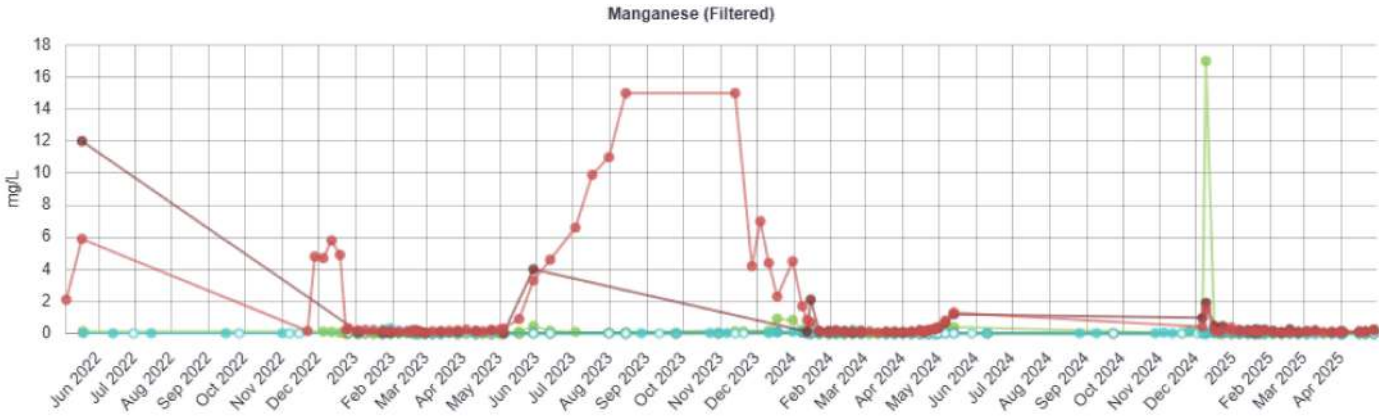
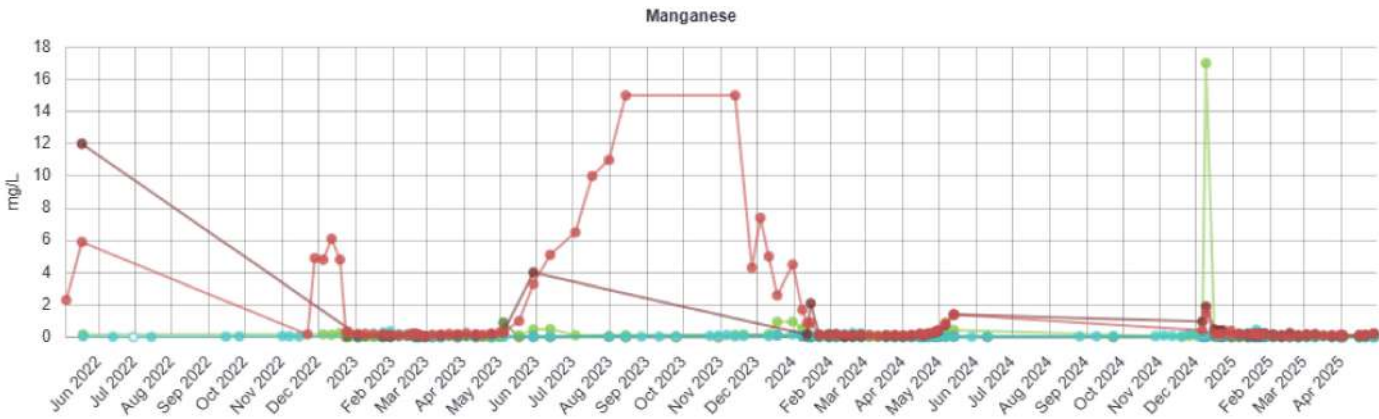


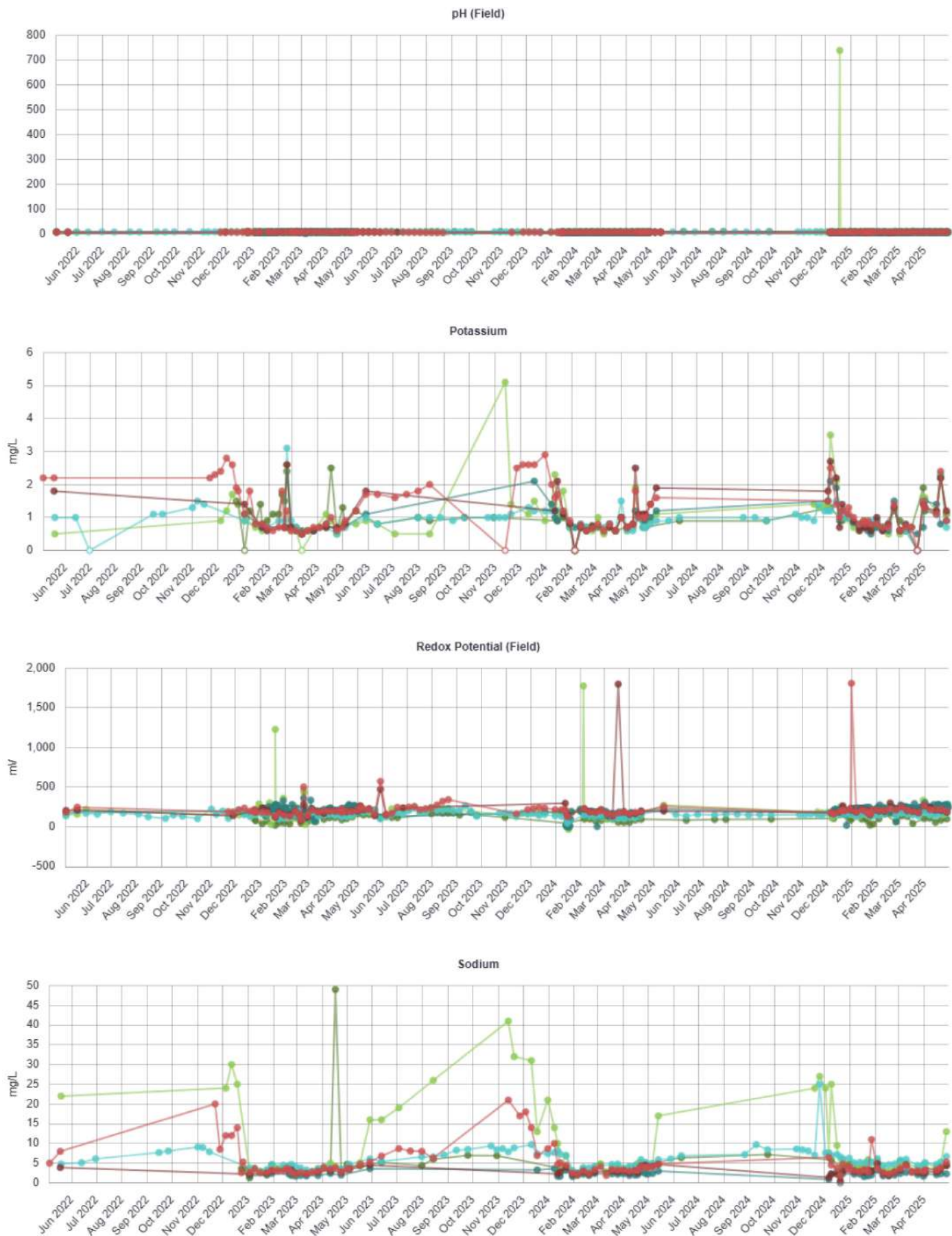




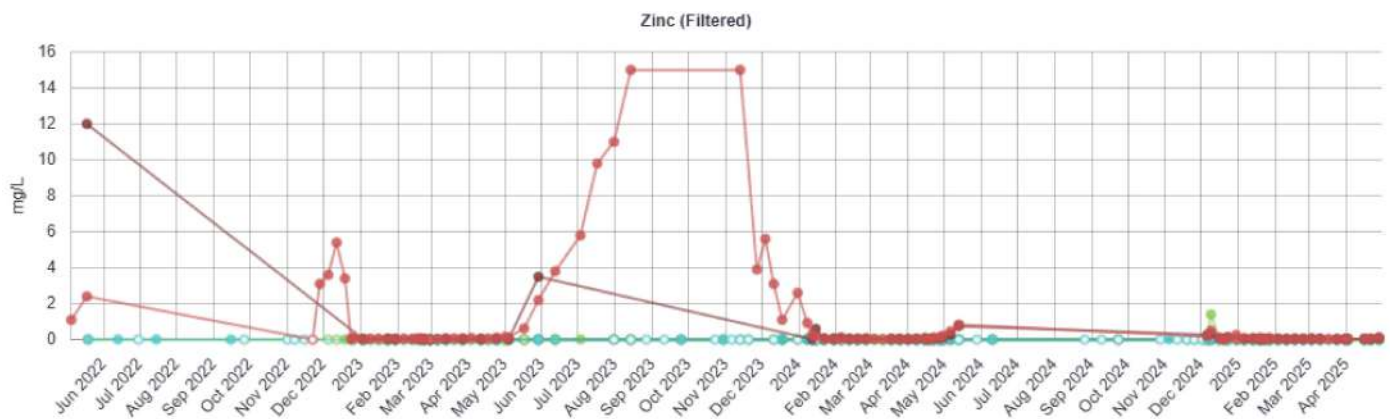
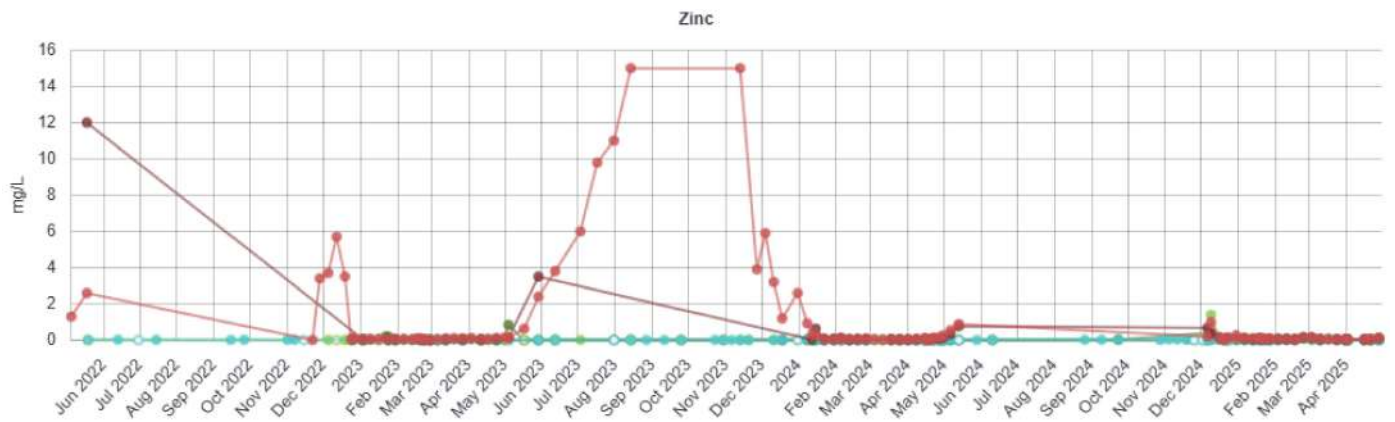
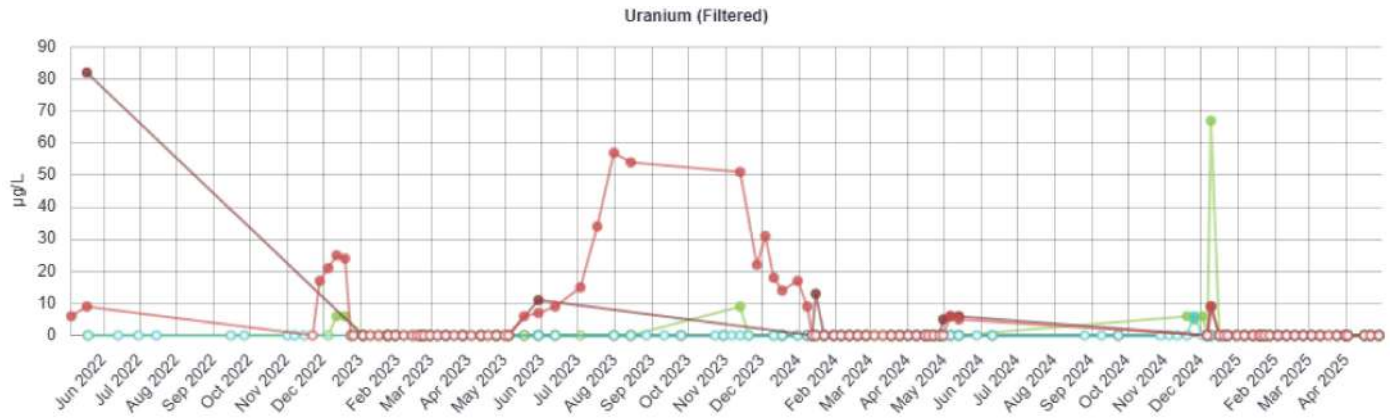
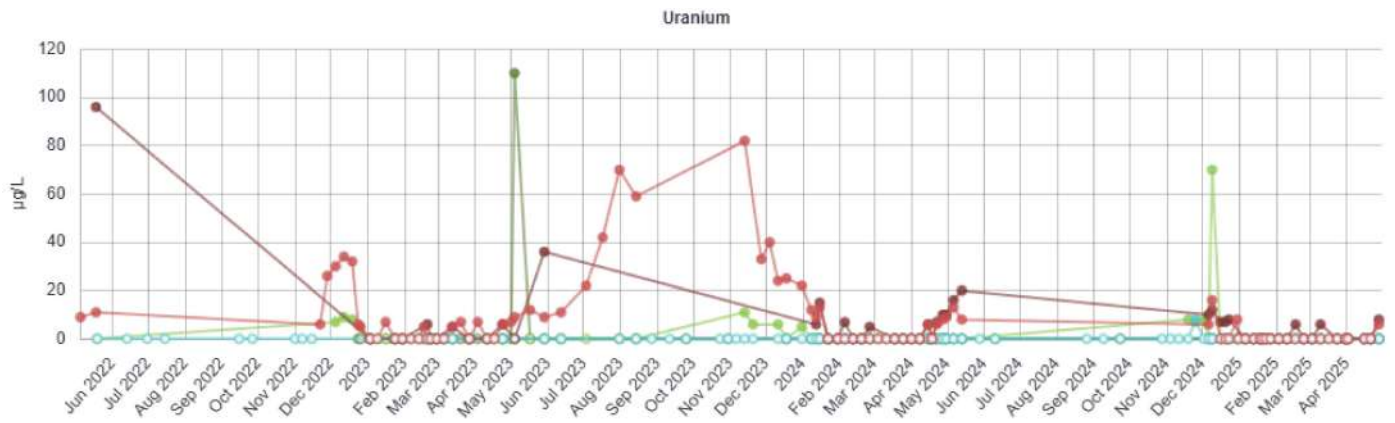












Note: Detects are shown on the graphs with a solid dot. Non-Detects are shown with a hollow dot.

ESdat Export Information:	
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Exported By	Andrew_Tong
Exported From	https://online.esdat.net/DataView/Graph/Chem_Result#filter=%5B%7B%22field%22%3A%22Location_ID%22%2C%22operator%22%3A%22in%22%2C%22value%22%3A%5B2135%2C2136%2C2138%2C2139%2C3598%2C2095%5D%7D%2C%7B%22field%22%3A%22SampledDate%22%2C%22operator%22%3A%22bw%22%2C%22value%22%3A%222022-05-01T00%3A00%22%2C%22value%22%3A%222025-04-30T12%3A04%3A21%22%7D%5D
Settings:	
Chem Profile	Sys Default
Env Standards	N/A
Log Scale	N
Data Points Enabled	Y
Non-Detects Plot A	0

APPENDIX E– QAQC CALCULATIONS AND RESULTS FOR MAY 2024 – APRIL 2025

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
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 23408 Hardness by Calculation	MB_1_1089982
1089982	2024-04-29	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 23408 Hardness by Calculation	MB_11_1089982
1089982	2024-04-29	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 23408 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	Copper	<	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	&				

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID	
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	<	1	ug/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 14_1089986
1089986	2024-04-29	Metals	Lead	<	1	ug/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		

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name		Lab Sample ID
1094592	2024-05-16	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 1_1094592
1094592	2024-05-16	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1094592
1094592	2024-05-16	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 1_1094592
1094592	2024-05-16	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1094592
1094592	2024-05-16	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 1_1094592
1094592	2024-05-16	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1094592
1094592	2024-05-16	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 1_1094592
1094592	2024-05-16	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1094592
1094592	2024-05-16	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 1_1094592
1094592	2024-05-16	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1094592
1094592	2024-05-16	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 1_1094592
1094592	2024-05-16	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1094592
1094592	2024-05-16	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 1_1094592
1094592	2024-05-16	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1094592
1094592	2024-05-16	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 1_1094592
1094592	2024-05-16	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1094592
1094592	2024-05-16	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 1_1094592
1094592	2024-05-16	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1094592
1094592	2024-06-27	Inorganics	Alkalinity (Bicarbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration		MB 3_1094592
1094592	2024-06-27	Inorganics	Alkalinity (Carbonate as CaCO3)	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration		MB 3_1094592
1094592	2024-06-27	Inorganics	Alkalinity (Hydroxide) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration		MB 3_1094592
1094592	2024-06-27	Inorganics	Alkalinity (total) as CaCO3	<	20	mg/L	LTM-INO-4250 Alkalinity by Electrometric Titration		MB 3_1094592
1094592	2024-06-27	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography		MB 5_1094592
1094592	2024-06-27	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry		MB 6_1094592
1094592	2024-06-27	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 2_1094592
1096376	2024-05-29	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 6_1096376
1096376	2024-05-29	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 7_1096376
1096376	2024-05-29	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 6_1096376
1096376	2024-05-29	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 7_1096376
1096376	2024-05-29	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 6_1096376
1096376	2024-05-29	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 7_1096376
1096376	2024-05-29	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 6_1096376
1096376	2024-05-29	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 7_1096376
1096376	2024-05-29	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 6_1096376
1096376	2024-05-29	Metals	Copper	<	0.001	mg/L	LTM-MET-304		

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1102196	2024-06-27	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_3_1102196
1102196	2024-06-27	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1102196
1102196	2024-06-27	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1102196
1102196	2024-06-27	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1102196
1102196	2024-06-27	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1102196
1102196	2024-06-27	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1102196
1102196	2024-06-27	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1102196
1102196	2024-06-27	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1102196
1102196	2024-06-27	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1102196
1102196	2024-06-27	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1102196
1102196	2024-06-27	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1102196
1102196	2024-06-27	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1102196
1108255	2024-06-20	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_6_1108255
1108255	2024-06-20	Inorganics	Chloride	<	1	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_7_1108255
1108255	2024-06-20	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4270 Anions by Ion Chromatography	MB_4_1108255
1108255	2024-06-27	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1108255
1108255	2024-06-27	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_3_1108255
1108255	2024-06-27	Inorganics	Total Suspended Solids (Lab)	<	5.0	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_5_1108255
1108255	2024-06-27	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1108255
1108255	2024-06-27	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1108255
1108255	2024-06-27	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1108255
1108255	2024-06-27	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1108255
1108255	2024-06-27	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1108255
1108255	2024-06-27	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1108255
1108255	2024-06-27	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1108255
1108255	2024-06-27	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1108255
1108255	2024-06-27	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1108255
1108255	2024-06-27	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1108255
1108255	2024-06-27	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1108255
1108255	2024-06-27	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1108255
1108255	2024-06-27	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1108255
1108255	2024-06-27	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1108255
1108255	2024-06-27	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1108255
1108255	2024-06-27	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1108255
1108255	2024-06-27	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_2_1108255
1108255	2024-06-27	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1108255
1108255	2024-06-27	Metals	Nickel	<	0.001	mg/L	LTM	

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1135047	2024-09-13	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1135047
1135047	2024-09-13	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 6 1135047
1135047	2024-09-13	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB 1 1135047
1135047	2024-09-13	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB 6 1135047
1135047	2024-09-13	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1135047
1135047	2024-09-13	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 6 1135047
1139922	2024-09-19	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1139922
1139922	2024-09-19	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1139922
1139922	2024-09-19	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1139922
1139922	2024-09-19	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1139922
1139922	2024-09-19	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1139922
1139922	2024-09-19	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1139922
1139922	2024-09-19	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB 7 1139922
1139922	2024-09-19	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1139922
1139922	2024-09-19	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1139922
1139922	2024-09-19	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB 7 1139922
1139922	2024-09-19	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1139922
1139922	2024-09-25	Inorganics	Chloride	<	1	mg/L	LTM-INO-4090 Chloride by Discrete Analyser	MB 3 1139922
1139922	2024-09-25	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 2 1139922
1139922	2024-09-25	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB 5 1139922
1139922	2024-09-25	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB 2 1139922
1139922	2024-09-25	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB 6 1139922
1139922	2024-09-25	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1139922
1139922	2024-09-25	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1139922
1139922	2024-09-25	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 2 1139922
1139922	2024-09-25	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1139922
1139922	2024-09-25	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1139922
1139922	2024-09-25	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1139922
1139922	2024-09-25	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1139922
1139922	2024-09-25	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB 1 1139922
1139922	2024-09-25	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 2 1139922
1139922	2024-09-25	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1139922
1139922	2024-09-25	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1139922
1139922	2024-09-25	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 4 1139922
1139922	2024-09-25	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB 1 1139922
1139922	2024-09-25	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1139922
1143167	2024-09-30	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB 6 1143167
1143167	2024-10-01	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 5 1143167
1143167	2024-10-01	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 8 1143167
1143167	2024-10-01	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1143167

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1155982	2024-11-13	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1155982
1155982	2024-11-13	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB_1_1155982
1155982	2024-11-13	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_3_1155982
1155982	2024-11-13	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_2_1155982
1155982	2024-11-13	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1155982
1155982	2024-11-13	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1155982
1155982	2024-11-13	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1155982
1155982	2024-11-13	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1155982
1155982	2024-11-13	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1155982
1155982	2024-11-13	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1155982
1155982	2024-11-13	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1155982
1155982	2024-11-13	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1155982
1155982	2024-11-13	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1155982
1155982	2024-11-13	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1155982
1155982	2024-11-13	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1155982
1155982	2024-11-13	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_3_1155982
1155982	2024-11-13	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1155982
1155982	2024-11-13	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1155982
1155982	2024-11-27	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1155982
1155982	2024-11-27	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1155982
1155982	2024-11-27	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1155982
1155982	2024-11-27	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1155982
1155982	2024-11-27	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1155982
1155982	2024-11-27	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1155982
1155982	2024-11-27	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1155982
1155982	2024-11-27	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1155982
1155982	2024-11-27	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1155982
1155982	2024-11-27	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1155982
1155982	2024-11-27	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1155982
1155982	2024-11-27	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1155982
1155982	2024-11-27	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1155982
1155982	2024-11-27	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1155982
1155982	2024-11-27	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1155982
1155982	2024-11-27	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1155982
1155982	2024-11-27	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_4_1155982
1155982	2024-11-27	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1155982
1155982	2024-11-27	Metals	Uranium	<				

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1166689	2024-12-13	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1166689
1166689	2024-12-13	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1166689
1166689	2024-12-13	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB_1_1166689
1166689	2024-12-13	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1166689
1166689	2024-12-13	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1166689
1166689	2024-12-13	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1166689
1166689	2024-12-13	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB_2_1166689
1166689	2024-12-13	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB_1_1166689
1166689	2024-12-13	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1166689
1169371	2024-12-11	Inorganics	Chloride	<	1	mg/L	LTM-INO-4090 Chloride by Discrete Analyser	MB_12_1169371
1169371	2024-12-13	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_11_1169371
1169371	2024-12-13	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_9_1169371
1169371	2024-12-13	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_10_1169371
1169371	2024-12-13	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_8_1169371
1169371	2024-12-13	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB_11_1169371
1169371	2024-12-13	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB_9_1169371
1169371	2024-12-13	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB_10_1169371
1169371	2024-12-13	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB_8_1169371
1169371	2024-12-13	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_11_1169371
1169371	2024-12-13	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_9_1169371
1169371	2024-12-13	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_10_1169371
1169371	2024-12-13	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_8_1169371
1169371	2024-12-13	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_11_1169371
1169371	2024-12-13	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_9_1169371
1169371	2024-12-13	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_10_1169371
1169371	2024-12-13	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_8_1169371
1169371	2024-12-13	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_11_1169371
1169371	2024-12-13	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_9_1169371
1169371	2024-12-13	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_10_1169371
1169371	2024-12-13	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_8_1169371
1169371	2024-12-13	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_11_1169371
1169371	2024-12-13	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_9_1169371
1169371	2024-12-13	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_10_1169371
1169371	2024-12-13	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_8_1169371
1169371	2024-12-13	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB_11_1169371
1169371	2024-12-13	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB_9_1169371
1169371	2024-12-13	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB_10_1169371
1169371	2024-12-13	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB_8_1169371
1169371	2024-12-13	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB_11_1169371
1169371	2024-12-13	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB_9_1169371
1169371	2024-1							

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1174326	2025-01-07	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1174326
1174326	2025-01-07	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1174326
1174326	2025-01-08	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB 5 1174326
1174326	2025-01-12	Inorganics	Chloride	<	1	mg/L	LTM-INO-4090 Chloride by Discrete Analyser	MB 4 1174326
1174326	2025-01-12	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 3 1174326
1174326	2025-01-12	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB 6 1174326
1174326	2025-01-12	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 3 1174326
1174326	2025-01-12	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 3 1174326
1174326	2025-01-12	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 3 1174326
1174326	2025-01-13	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 2 1174326
1174326	2025-01-13	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 2 1174326
1174326	2025-01-13	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 2 1174326
1174326	2025-01-13	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 2 1174326
1174326	2025-01-13	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 2 1174326
1174326	2025-01-13	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 2 1174326
1174326	2025-01-13	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB 2 1174326
1174326	2025-01-13	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 2 1174326
1174326	2025-01-13	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 2 1174326
1174326	2025-01-13	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB 2 1174326
1174326	2025-01-13	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 2 1174326
1174326	2025-01-14	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB 8 1174326
1174327	2025-01-07	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 3 1174327
1174327	2025-01-07	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 9 1174327
1174327	2025-01-07	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB 3 1174327
1174327	2025-01-07	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB 9 1174327
1174327	2025-01-07	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 5 1174327
1174327	2025-01-07	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 5 1174327
1174327	2025-01-07	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 3 1174327
1174327	2025-01-07	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 9 1174327
1174327	2025-01-07	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 5 1174327
1174327	2025-01-07	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 5 1174327
1174327	2025-01-07	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 5 1174327
1174327	2025-01-07	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 5 1174327
1174327	2025-01-07	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB 5 1174327
1174327	2025-01-07	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 3 1174327
1174327	2025-01-07	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 9 1174327
1174327	2025-01-07	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 5 1174327
1174327	2025-01-07	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 5 1174327
1174327	2025-01-07	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES	MB 3 1174327
1174327	2025-							

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID	
1176607	2025-01-15	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 5_1176607
1176607	2025-01-15	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 4_1176607
1176607	2025-01-15	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1176607
1176607	2025-01-15	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 10_1176607
1176607	2025-01-15	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 5_1176607
1176607	2025-01-15	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 4_1176607
1176607	2025-01-15	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1176607
1176607	2025-01-15	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 10_1176607
1176607	2025-01-15	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 5_1176607
1176607	2025-01-15	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 4_1176607
1176607	2025-01-15	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1176607
1176607	2025-01-15	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 10_1176607
1176607	2025-01-15	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 5_1176607
1176607	2025-01-15	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 4_1176607
1176607	2025-01-15	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1176607
1176607	2025-01-15	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 10_1176607
1176607	2025-01-15	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 5_1176607
1176607	2025-01-15	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 4_1176607
1176607	2025-01-15	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 10_1176607
1176607	2025-01-15	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 5_1176607
1176607	2025-01-15	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 4_1176607
1176607	2025-01-15	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1176607
1176607	2025-01-15	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 10_1176607
1176607	2025-01-15	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 5_1176607
1176607	2025-01-15	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 4_1176607
1176607	2025-01-15	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	Soils & Sediments by ICP-MS	MB 9_1176607
1176607	2025-01-17	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES		MB 3_1176607
1176607	2025-01-17	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation		MB 3_1176607
1176607	2025-01-17	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES		MB 3_1176607
1176607	2025-01-17	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES		MB 3_1176607
1176607	2025-01-17	Metals	Potassium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES		MB 3_1176607
1176607	2025-01-20	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry		MB 2_1176607
1176607	2025-01-23	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES		MB 7_1176607
1176607	2025-01-23	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation		MB 7_1176607
1176607	2025-01-23	Metals	Calcium	<	0.5	mg/L	LTM-MET-3010 Alkali Metals Sulfur Silicon Phosphorus by ICP-AES		MB 7_1176607
1176607	2025-0								

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1179767	2025-01-24	Inorganics	Chloride	<	1	mg/L	LTM-INO-4090 Chloride by Discrete Analyser	MB_4_1179767
1179767	2025-01-24	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB_4_1179767
1179767	2025-01-29	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1179767
1179767	2025-01-29	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1179767
1179767	2025-01-29	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_3_1179767
1179767	2025-01-29	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_6_1179767
1179767	2025-01-29	Metals	Calcium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1179767
1179767	2025-01-29	Metals	Calcium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1179767
1179767	2025-01-29	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1179767
1179767	2025-01-29	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1179767
1179767	2025-01-29	Metals	Potassium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_3_1179767
1179767	2025-01-29	Metals	Potassium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_6_1179767
1179767	2025-01-30	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1179767
1179767	2025-01-30	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_5_1179767
1179767	2025-01-30	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_1_1179767
1179767	2025-01-30	Metals	Calcium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1179767
1179767	2025-01-30	Metals	Calcium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1179767
1179767	2025-01-30	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1179767
1179767	2025-01-30	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1179767
1179767	2025-01-30	Metals	Potassium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_5_1179767
1179767	2025-01-30	Metals	Potassium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_1_1179767
1179767	2025-02-03	Metals	Aluminium	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1179767
1179767	2025-02-03	Metals	Aluminium	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1179767
1179767	2025-02-03	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1179767
1179767	2025-02-03	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1179767
1179767	2025-02-03	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1179767
1179767	2025-02-03	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1179767
1179767	2025-02-03	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1179767
1179767	2025-02-03	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1179767
1179767	2025-02-03	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1179767
1179767	2025-02-03	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1179767
1179767	2025-02-03	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1179767
1179767	2025-02-03	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1179767
1179767	2025-02-03	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1179767
1179767	2025-02-03	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_1179767
1179767	2025-02-03	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_8_1179767
1179767	2025-02-03	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters Soils & Sediments by ICP-MS	MB_7_11

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1182038	2025-02-04	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_8_1182038
1182038	2025-02-04	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_9_1182038
1182038	2025-02-04	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1182038
1182038	2025-02-04	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB_7_1182038
1182038	2025-02-04	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1182038
1182038	2025-02-04	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_7_1182038
1182038	2025-02-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1182038
1182038	2025-02-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_7_1182038
1182038	2025-02-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1182038
1182038	2025-02-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_7_1182038
1182038	2025-02-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1182038
1182038	2025-02-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_7_1182038
1182038	2025-02-04	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB_1_1182038
1182038	2025-02-04	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB_7_1182038
1182038	2025-02-04	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1182038
1182038	2025-02-04	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB_7_1182038
1182038	2025-02-04	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1182038
1182038	2025-02-04	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_7_1182038
1182038	2025-02-04	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB_1_1182038
1182038	2025-02-04	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB_7_1182038
1182038	2025-02-04	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB_1_1182038
1182038	2025-02-04	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB_7_1182038
1182038	2025-02-06	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_6_1182038
1182038	2025-02-06	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB_6_1182038
1182038	2025-02-06	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_6_1182038
1182038	2025-02-06	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_6_1182038
1182038	2025-02-06	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_6_1182038
1182038	2025-02-06	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB_6_1182038
1182038	2025-02-06	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB_6_1182038
1182038	2025-02-06	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB_6_1182038
1182038	2025-02-06	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB_6_1182038
1182038	2025-02-06	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB_6_1182038
1182038	2025-02-07	Inorganics	Chloride	<	1	mg/L	LTM-INO-4090 Chloride by Discrete Analyser	MB_5_1182038
1182038	2025-02-10	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB_2_1182038
1182038	2025-02-10	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB_3_1182038
1182038	2025-02-10	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB_2_1182038
1182038	2025-02-10	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB_4_1182038
1182038	2025-02-10	Metals	Calcium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB_2_1182038
1182038	2025-02-10	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB_2_1182038
1182038	2025-02-10	Metals	Potassium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB_2_1182038
1186076	2025-02-19	Metals	Aluminium	<</				

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1188802	2025-02-27	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1188802
1188802	2025-02-27	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 5_1188802
1188802	2025-02-27	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB 1_1188802
1188802	2025-02-27	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB 5_1188802
1188802	2025-02-27	Metals	Calcium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1188802
1188802	2025-02-27	Metals	Calcium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 5_1188802
1188802	2025-02-27	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1188802
1188802	2025-02-27	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 5_1188802
1188802	2025-02-27	Metals	Potassium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1188802
1188802	2025-02-27	Metals	Potassium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 5_1188802
1192255	2025-03-04	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 6_1192255
1192255	2025-03-04	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 8_1192255
1192255	2025-03-04	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 9_1192255
1192255	2025-03-04	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 5_1192255
1192255	2025-03-04	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 7_1192255
1192255	2025-03-04	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 6_1192255
1192255	2025-03-04	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 8_1192255
1192255	2025-03-04	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 9_1192255
1192255	2025-03-04	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 5_1192255
1192255	2025-03-04	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 7_1192255
1192255	2025-03-04	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 6_1192255
1192255	2025-03-04	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 8_1192255
1192255	2025-03-04	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 9_1192255
1192255	2025-03-04	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 5_1192255
1192255	2025-03-04	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7_1192255
1192255	2025-03-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 6_1192255
1192255	2025-03-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 8_1192255
1192255	2025-03-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 9_1192255
1192255	2025-03-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 5_1192255
1192255	2025-03-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7_1192255
1192255	2025-03-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 6_1192255
1192255	2025-03-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 8_1192255
1192255	2025-03-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 9_1192255
1192255	2025-03-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 5_1192255
1192255	2025-03-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7_1192255
1192255	2025-03-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 6_1192255
1192255	2025-03-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 8_1192255
1192255	2025-03-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 9_1192255
1192255	2025-03-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 5_1192255
1192255	2025-03-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 7_1192255
1192255	2025-03-04	Metals	Lead					

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1196239	2025-03-20	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1196239
1196239	2025-03-20	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1196239
1196239	2025-03-20	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1196239
1196239	2025-03-20	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1196239
1196239	2025-03-20	Metals	Calcium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 6 1196239
1196239	2025-03-20	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1196239
1196239	2025-03-20	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1196239
1196239	2025-03-20	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1196239
1196239	2025-03-20	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1196239
1196239	2025-03-20	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1196239
1196239	2025-03-20	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1196239
1196239	2025-03-20	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1196239
1196239	2025-03-20	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1196239
1196239	2025-03-20	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB 4 1196239
1196239	2025-03-20	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB 7 1196239
1196239	2025-03-20	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 6 1196239
1196239	2025-03-20	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1196239
1196239	2025-03-20	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1196239
1196239	2025-03-20	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1196239
1196239	2025-03-20	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1196239
1196239	2025-03-20	Metals	Potassium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 6 1196239
1196239	2025-03-20	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB 4 1196239
1196239	2025-03-20	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB 7 1196239
1196239	2025-03-20	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1196239
1196239	2025-03-20	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1196239
1199377	2025-03-22	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1199377
1199377	2025-03-22	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1199377
1199377	2025-03-22	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1199377
1199377	2025-03-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 6 1199377
1199377	2025-03-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1199377
1199377	2025-03-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1199377
1199377	2025-03-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1199377
1199377	2025-03-22	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 6 1199377
1199377	2025-03-22	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1199377
1199377	2025-03-22	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1199377
1199377	2025-03-22	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1199377
1199377	2025-03-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 6 1199377
1199377	2025-03-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7 1199377
1199377	2025-03-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 1 1199377
1199377	2025-03-22	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 4 1199377
1199377	2025-03-22	Metals						

Lab Report Number	Analysis Batch	Chem Group	Chem Name	Prefix	Result	Unit	Method Name	Lab Sample ID
1204100	2025-04-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 6_1204100
1204100	2025-04-04	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7_1204100
1204100	2025-04-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 6_1204100
1204100	2025-04-04	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7_1204100
1204100	2025-04-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 6_1204100
1204100	2025-04-04	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 7_1204100
1204100	2025-04-04	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB 6_1204100
1204100	2025-04-04	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB 7_1204100
1204100	2025-04-04	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 6_1204100
1204100	2025-04-04	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 7_1204100
1204100	2025-04-04	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 6_1204100
1204100	2025-04-04	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 7_1204100
1204100	2025-04-04	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB 6_1204100
1204100	2025-04-04	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB 7_1204100
1204100	2025-04-04	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 6_1204100
1204100	2025-04-04	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 7_1204100
1204100	2025-04-07	Inorganics	Chloride	<	1	mg/L	LTM-INO-4090 Chloride by Discrete Analyser	MB 3_1204100
1204100	2025-04-07	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 2_1204100
1204100	2025-04-07	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB 4_1204100
1204100	2025-04-07	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB 2_1204100
1204100	2025-04-07	Inorganics	Total Suspended Solids (Lab)	<	5	mg/L	LTM-INO-4070 Analysis of Suspended Solids in Water by Gravimetry	MB 5_1204100
1204100	2025-04-07	Metals	Aluminium	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1204100
1204100	2025-04-07	Metals	Cadmium	<	0.0002	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1204100
1204100	2025-04-07	Metals	Calcium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 2_1204100
1204100	2025-04-07	Metals	Chromium (III+VI)	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1204100
1204100	2025-04-07	Metals	Cobalt	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1204100
1204100	2025-04-07	Metals	Copper	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1204100
1204100	2025-04-07	Metals	Iron	<	0.05	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1204100
1204100	2025-04-07	Metals	Lead	<	1	ug/L	LTM-MET-3040 Metals in Waters	MB 1_1204100
1204100	2025-04-07	Metals	Magnesium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 2_1204100
1204100	2025-04-07	Metals	Manganese	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1204100
1204100	2025-04-07	Metals	Nickel	<	0.001	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1204100
1204100	2025-04-07	Metals	Potassium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 2_1204100
1204100	2025-04-07	Metals	Uranium	<	5	µg/L	LTM-MET-3040 Metals in Waters	MB 1_1204100
1204100	2025-04-07	Metals	Zinc	<	0.005	mg/L	LTM-MET-3040 Metals in Waters	MB 1_1204100
1206889	2025-04-11	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB 2_1206889
1206889	2025-04-11	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB 5_1206889
1206889	2025-04-11	Inorganics	Sulphate	<	5	mg/L	LTM-INO-4110 Sulfate by Discrete Analyser	MB 8_1206889
1206889	2025-04-15	Inorganics	Sodium	<	0.5	mg/L	LTM-MET-3040 Metals in Waters	MB 4_1206889
1206889	2025-04-15	Inorganics	Hardness as CaCO3	<	5	mg/L	APHA 2340B Hardness by Calculation	MB 4_1206889
1206889	2025-04-15	Metals	Aluminium	<	0			

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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 No	221129NTRNT	Project No	NT Resources	Electronic Results Format	ESDAT				
Contact Name	Greg Molloy	(Note: Where metals are requested, please specify "Total" or "Filtered") Analysis Groundwater Surfacewater Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)									
Contact Phone No	Mobile: 0437 690 958										
Special Direction	Please do not put spaces inbetween sample ID letter when inputting into EsDat										
Relinquished by (Signature)	Wuda Site										
(Time / Date)	7.15.2024	Matrix	Date	Client Sample ID	Containers			Method of Shipment			
1	site 5	6/5/24	W		1	1	1	1 DAY*	1 DAY*	2 DAY*	3 DAY*
2	site 5	6/5/24	W		1	1	1	1 DAY*	1 DAY*	2 DAY*	3 DAY*
3	site 4	6/5/24	W		1	1	1	1 DAY*	1 DAY*	2 DAY*	3 DAY*
4	site 2	6/5/24	W		1	1	1	1 DAY*	1 DAY*	2 DAY*	3 DAY*
5	WANDOI	6/5/24	W		1	1	1	1 DAY*	1 DAY*	2 DAY*	3 DAY*
6	GS 200	6/5/24	W		1	1	1	1 DAY*	1 DAY*	2 DAY*	3 DAY*
7	Site 1	6/5/24	W		1	1	1	1 DAY*	1 DAY*	2 DAY*	3 DAY*
8											
9											
10											
11											
12											
Laboratory Use Only	Received By	7.15.2024	Time	2.15PM	Signature	Temperature	7.9	Report No	1094592		



CHAIN OF CUSTODY RECORD

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Sydney Lab

Eurofins | mgt
Brisbane Lab

Eurofins | mgt
Melbourne Lab

Unit 1, 21 Southwood Place, Marano QLD 4172
P +61 7 3002 8000
E Eurofins@eurofins.com.au

Unit 1, 21 Southwood Place, Marano QLD 4172
P +61 7 3002 8000
E Eurofins@eurofins.com.au

Unit 1, 21 Southwood Place, Marano QLD 4172
P +61 7 3002 8000
E Eurofins@eurofins.com.au

Unit 1, 21 Southwood Place, Marano QLD 4172
P +61 7 3002 8000
E Eurofins@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 No		221129NTRNT		Project No		NT Resources		Electronic Results Format		ESDAT	
Contact Name		Greg Molloy		Groundwater		Surfacewater		Suite B11E		Suite B11D		Suspended Solids		Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe, Pb, Mn, Ni, U, Zn)	
Contact Phone No		Mobile: 0437 690 958		Analyte		Suspended Solids		Suite B11E		Suite B11D		Suspended Solids		Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe, Pb, Mn, Ni, U, Zn)	
Special Direction		Please do not put spaces inbetween sample ID letter when inputting into EsDat		Date		Matrix		Suite B11E		Suite B11D		Suspended Solids		Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe, Pb, Mn, Ni, U, Zn)	
Relinquished by (Signature)		Wuda Site		Date		Matrix		Suite B11E		Suite B11D		Suspended Solids		Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe, Pb, Mn, Ni, U, Zn)	
(Time / Date)		7/5/2024		Date		Matrix		Suite B11E		Suite B11D		Suspended Solids		Metals Total & Filtered (Al, Cd, Cr, Co, Cu Fe, Pb, Mn, Ni, U, Zn)	
No		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		site 5		6/5/24		W		X		X		X		X	
2		site 5		6/5/24		W		X		X		X		X	
3		site 4		6/5/24		W		X		X		X		X	
4		site 2		6/5/24		W		X		X		X		X	
5		WANDOI		6/5/24		W		X		X		X		X	
6		GS 200		6/5/24		W		X		X		X		X	
7		Site 1		6/5/24		W		X		X		X		X	
8															
9															
10															
11															
12															
Laboratory Use Only		Received By		Date		Time		Signature		Temperature		Report No		1094592	



CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt
Sydney LabUnit F3 Building F, 10 Mac Road, Lane Cove West, NSW 2093
P +61 2 9502 5400
E EuroSampleQLD@eurofins.com.au☐ Eurofins | mgt
Brisbane LabUnit 1, 21 Smallwood Place, Murrumbidgee, QLD 4172
P +61 7 3902 4000
E EuroSampleQLD@eurofins.com.au☐ Eurofins | mgt
Melbourne Lab2 Kingston Town Close, Oakleigh, VIC 3166
P +61 3 8564 5000 F +61 3 8564 5090
E EuroSampleVIC@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 No	221129NTRNT			Project No	NT Resources			Electronic Results Format	ESDAT					
				Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")			Groundwater Suite B1E Suite B1D Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)			Surfacewater Suite B1E Suite B1D Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)			Email for Results	Greg.Molloy@NTResources.com.au				
													Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem) * Surcharges apply				
													Containers			Method of Shipment		
													1L Plastic - GREEN Inorganics 500ml Plastic - GREEN Inorganics 200ml Plastic - RED Metals 60ml Plastic - RED Metals			☒ Courier (#) ☐ Hand Delivered ☐ Postal Sample Comments / DG Hazard Warning		
Relinquished by (Signature)	Wanda Bix																	
(Time / Date)	13/5/2024																	
No	Client Sample ID	Date	Matrix															
1	Site 5	13/5/24	W															
2	Site 5	13/5/24	W															
3	Site 4	13/5/24	W															
4	GS 200	13/5/24	W															
5	Site 1	13/5/24	W															
6	Site 2	13/5/24	W															
7																		
8																		
9																		
10																		
11																		
12																		
Laboratory Use Only	Received By	M. Kishor Kanbourath		Date	13/5/2024		Time	2:45 PM		Signature	RB		Temperature	10.1		Report No	1096376	



☐ Eurofins | mgt
Sydney Lab

Unit F3 Building F, 18 Mars Road, Lane Cove West, NSW 2006
P +61 2 9400 5400
E Environ@earthlink.net

☐ Eurofins | mgt
Brisbane Lab

Unit 1, 21 Smallwood Place, Murrumbidgee, QLD 4172
P +61 7 3902 4500
E Enquiries@pauldiffer.com.au

☐ Eurofins | mgt
Melbourne Lab

2 Kingston Town Close, Oakleigh, VIC 3166
P +61 3 8564 5000 F +61 3 8564 5000
E enquiries@volvoaust.com.au

CHAIN OF CUSTODY RECORD						Eurofins mgt Sydney Lab		Brisbane Lab		Melbourne Lab						
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 No	221129NTRNT			Project No	NT Resources			Electronic Results Format	ESDAT			
Contact Name	Greg Molloy			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)	Email for Results	Greg.Molloy@NTResources.com.au
Contact Phone No	Mobile: 0437 690 958															
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat															
Relinquished by (Signature) (Time / Date)	Wanda [Signature] 29/5/2024															
No	Client Sample ID	Date	Matrix													
1	Site 2	28/5/24	w						X	X	X	X	X			
2	site 2	28/5/24	w						X	X	X	X	X			
3	BH 22	28/5/24	w	X	X	X	X	X								
4	BH 24	28/5/24	w	X	X	X	X	X								
5	BH 24	28/5/24	w	X	X	X	X	X								
6																
7																
8																
9																
10																
11																
12																

Turn Around Requirements				Containers		Method of Shipment			
				1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200ml Plastic - RED Metals	60ml Plastic - RED Metals		
☐ 1 DAY*	☐ 2 DAY*	☐ 3 DAY*	* Surcharges apply					☒ Courier (#)	
☒ 5 DAY (Std.)	☐ Other (	20 Days for Radiochem)						☐ Hand Delivered	
								☐ Postal	
				Sample Comments / DG Hazard Warning					

Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report No
	[Signature]	29/05/2024	11:00 am	[Signature]	10°C	1102196

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US 2024	Time	11:00 am	Signature	[Signature]
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CHAIN OF CUSTODY RECORD

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Sydney LabUnit F3 Building F, 16 Mars Road, Lane Cove West, NSW 2056
P +61 2 9902 8000
E EurofinsSampleNSW@eurofins.com.au☐ Eurofins | mgt
Brisbane LabUnit 1, 21 Smallwood Place, Murrumbidgee QLD 4172
P +61 7 2902 8000
E EurofinsSampleQLD@eurofins.com.au☐ Eurofins | mgt
Melbourne Lab2 Kingston Town Close, Oakleigh, VIC 3166
P +61 3 8564 5000 F +61 3 8564 5000
E EurofinsSampleVIC@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 No	221129NTRNT			Project No	NT Resources			Electronic Results Format	ESDAT					
				Analysis (Note: Vials, metals are requested, please specify "Gold" 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)			Email for Results Greg.Molloy@NTResources.com.au			Turn Around Requirements ☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem) * Surcharges apply								
Contact Name	Greg Molloy																	
Contact Phone No	Mobile: 0437 690 958																	
Special Direction	Please do not put spaces inbetween sample ID letter when inputting into EsDat																	
Relinquished by (Signature)																		
(Time / Date)	17/10/2024																	
No	Client Sample ID	Date	Matrix										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 2	10/6/24	W					X	X	X	X	X				1	2	
2	Site 2	10/6/24	W					X	X	X	X	X				1	2	
3	TREAT 01	10/6/24	W					X	X	X	X	X				1	2	
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
Laboratory Use Only	Received By	Nikita Kambourelli		Date	17/10/2024		Time	12:20 PM		Signature			Temperature	8		Report No	1108255	

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CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt
Sydney Lab

Unit 12/13-14/15, 128th Road, Lane Cove NSW 1500
P +61 2 9550 5500
E: chainofcustody@eurofins.com.au

☐ Eurofins | mgt
Brisbane Lab

Unit 1/21/22-23/24/25, 128th Road, Lane Cove NSW 1500
P +61 2 9550 5500
E: chainofcustody@eurofins.com.au

☐ Eurofins | mgt
Melbourne Lab

2/12/13-14/15, 128th Road, Lane Cove NSW 1500
P +61 3 9554 5000 F +61 3 9554 5000
E: chainofcustody@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 No	221129NTRNT			Project No	NT Resources			Electronic Results Format	ESDAT		
				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)			Email for Results	Greg.Molloy@NTResources.com.au							
Contact Name	Greg Molloy			Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)										
Contact Phone No	Mobile: 0437 690 958			Containers			Method of Shipment								
Special Direction	Please do not put spaces inbetween sample ID letter when inputting into EsDat			1L Plastic - GREEN Inorganics 500mL Plastic - GREEN Inorganics 200mL Plastic - RED Metals 60mL Plastic - RED Metals			☒ Courier (8) ☐ Hand Delivered ☐ Postal								
Relinquished by (Signature)				Sample Comments / DG Hazard Warning											
(Time / Date)	17.9.2024														
No	Client Sample ID	Date	Matrix												
1	Site 2	9/9/24	W												
2	Site 2	9/9/24	W												
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
Laboratory Use Only	Received By	Date	Time	Signature	Temperature	Report No									

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.



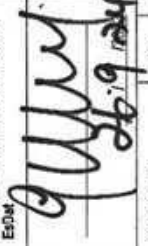
CHAIN OF CUSTODY RECORD

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Sydney Lab

☐ Enquiries | Engr
Brisbane Lab

☐ Enquiries | Engr
Brisbane Lab

☐ Enquiries | Engr
Brisbane Lab

Company	NT Resources Pty Ltd	Purchase Order	NTR #0208	Project Manager	Greg Molloy	Project Name	NT Resources
Address	Old Rum Jungle Rd, Batchelor, NT, 9845	Enquiries Engr Cust ID	22128MTRNT	Project No		Electronic Results Format	ESDAT
Contact Name	Greg Molloy	Analysis (Note: This must be completed prior to sample "drop in" to lab) Mobile: 0437 690 958 Please do not put spaces in between sample ID letter when inputting into ESDAT  26.9.2024					
Contact Phone No							
Special Instruction							
Relinquished by (Signature)							
(Time / Date)							
No	Client Sample ID	Date	Mobile	1L Plastic - GREEN bags only	2000L Plastic - RED bags only	2000L Plastic - RED bags only	2000L Plastic - RED bags only
1	Site 2	23/9/24	W	X	X	X	X
2	Site 2	23/9/24	W	X	X	X	X
3	TREAT 01	23/9/24	W	X	X	X	X
4	RW SRO	23/9/24	W	X	X	X	X
5	RW PAF	23/9/24	W	X	X	X	X
6	RW SP3	23/9/24	W	X	X	X	X
7	RW BSS	23/9/24	W	X	X	X	X
8							
9							
10							
11							
12							
Laboratory Use Only	Received By	N. Kato	Kandouroski	Date	26.9.2024	Time	1:30 PM
	Signature			Signature		Temperature	4.7
	Report No			Report No			114316

Distribution of samples to the laboratory will be done as per the Laboratory's Standard Terms and Conditions. A copy of the Laboratory's Standard Terms and Conditions is available on request.

3 Kingston Town Centre, Oakleigh VIC 3163
P +61 3 9564 5700 F +61 3 9564 8000
E Enquiries@edgledger.com.au

Unit 1, 20 Seaford Place, Miramar Q. 40412
P. +61 7 5512 4333
E. bookings@citycycling.com.au

☐ Euroline | mgt
Brisbane Lab

Carl K. Hocking, P. 10 West Ford Lane, Cary, North Carolina 27513
 P. +1 919 959 1400
 E. carlh@compuserve.com

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Sydney Lab

CHAIN OF CUSTODY RECORD

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	Eurolins / Ingt Quote No	221129NTRINT	Project No		Electronic Results Format	ESDAT
Contact Name	Greg Molloy	Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")		Groundwater			
Contact Phone No	Mobile: 0437 690 958						
Special Direction	Please do not put spaces inbetween sample ID letter when inputting into EsDat	Matrix		Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)			
Relinquished by (Signature)							
(Time / Date)	3, 11/2024	Date		Surfacewater			
No	Client Sample ID						
1	Site 2	28/10/24	W				
2	Site 2	28/10/24	W				
3	BH 22	28/10/24	W				
4	BH 22	28/10/24	W				
5							
6							
7							
8							
9							
10							
11							
12							

Company: NT Resources Pty Ltd

Address: Old Rum Jungle Rd, Batchelor, NT, 0845

Contact Name: Greg Molloy

Contact Phone No: Mobile: 0437 690 958

Special Direction: Please do not put spaces inbetween sample ID letter when inputting into EsDat

Relinquished by: 

(Time / Date): 3, 11/2024

Purchase Order: NTR #02098

Eurolins / Ingt Quote No: 221129NTRINT

Project Manager: Greg Molloy

Project Name: NT Resources

Project No:

Electronic Results Format: ESDAT

Email for Results: Greg.Molloy@NTResources.com.au

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

Matrix

Date

Client Sample ID

Groundwater

Surfacewater

Suite B11E

Suite B11D

Suspended Solids

Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)

Suite B11E

Suite B11D

Suspended Solids

Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)

Suite B11E

Suite B11D

Suspended Solids

Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)

Temperature: 47

Report No: 115500



CHAIN OF CUSTODY RECORD

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Sydney LabUnit F3 Building F, 16 Main Road, Lane Cove West, NSW 2066
P +61 2 9550 4000
E EurofinsSampleQLD@eurofins.com.au☐ Eurofins | mgt
Brisbane LabUnit 1, 21 Smallwood Place, Murrumbidgee, QLD 4172
P +61 7 3902 4000
E EurofinsSampleQLD@eurofins.com.au☐ Eurofins | mgt
Melbourne Lab2 Kingston Town Close, Oakleigh, VIC 3166
P +61 3 8554 5000 F +61 3 8554 5000
E EurofinsSampleVIC@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 No	221129NTRNT			Project No	NT Resources			Electronic Results Format	ESDAT			
				Groundwater Sulphate B11E Sulphate B11D Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)			Surfacewater Sulphate B11E Sulphate B11D Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)			Email for Results Greg.Molloy@NTResources.com.au			Turn Around Requirements ☒ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std) ☐ Other (20 Days for Radiochem) *Surcharges apply			
Contact Name	Greg Molloy															
Contact Phone No	Mobile: 0437 690 958															
Special Direction	Please do not put spaces inbetween sample ID letter when inputting into EsDat															
Relinquished by (Signature)																
(Time / Date)	19/11/2023															
No	Client Sample ID	Date	Matrix													
1	Site 2	4/11/24	W													
2	Site 2	4/11/24	W													
3	Site 2	11/10/24	W													
4	Site 2	11/10/24	W													
5	Site 5	19/11/24	W													
6	Site 5	19/11/24	W													
7	Site 2	19/11/24	W													
8																
9																
10																
11																
12																
Laboratory Use Only		Received By	Date	11/11/2023		Time			Signature			Temperature	11.0		Report No	



CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt
Sydney LabUnit F3 Building F, 16 Main Road, Lane Cove West, NSW 2066
P +61 2 9550 4000
E EurofinsSampleQLD@eurofins.com.au☐ Eurofins | mgt
Brisbane LabUnit 1, 21 Smallwood Place, Murrumbidgee, QLD 4172
P +61 7 3902 4000
E EurofinsSampleQLD@eurofins.com.au☐ Eurofins | mgt
Melbourne Lab2 Kingston Town Close, Oakleigh, VIC 3166
P +61 3 8554 5000 F +61 3 8554 5000
E EurofinsSampleVIC@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 No	221129NTRNT			Project No	NT Resources			Electronic Results Format	ESDAT		
				Groundwater Sulphate B11E Sulphate B11D Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)			Surfacewater Sulphate B11E Sulphate B11D Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)			Email for Results Greg.Molloy@NTResources.com.au			Turn Around Requirements ☒ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std) ☐ Other (20 Days for Radiochem) *Surcharges apply		
Contact Name	Greg Molloy														
Contact Phone No	Mobile: 0437 690 958														
Special Direction	Please do not put spaces inbetween sample ID letter when inputting into EsDat														
Relinquished by (Signature)															
(Time / Date)	19/11/2023														
No	Client Sample ID	Date	Matrix												
1	Site 2	4/11/24	W					X	X	X	X	X			
2	Site 2	4/11/24	W					X	X	X	X	X			
3	Site 2	11/10/24	W					X	X	X	X	X			
4	Site 2	11/10/24	W					X	X	X	X	X			
5	Site 5	19/11/24	W					X	X	X	X	X			
6	Site 5	19/11/24	W					X	X	X	X	X			
7	Site 2	19/11/24	W					X	X	X	X	X			
8															
9															
10															
11															
12															
Laboratory Use Only		Received By		Date	___/___/2023			Time	___:___			Signature			
												Temperature	11.0		
													Report No		



CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt
Sydney Lab

Unit 2, 21 Southwood Place, Murrumbidgee NSW 2506
P: +61 2 5000 4100
E: Eurofins@eurofins.com.au

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Brisbane Lab

Unit 1, 21 Southwood Place, Murrumbidgee NSW 2506
P: +61 2 5000 4100
E: Eurofins@eurofins.com.au

☐ Eurofins | mgt
Melbourne Lab

2 Kingdon Tower, 100 Collins St, VIC 3000
P: +61 3 8554 5000 F: +61 3 8554 5000
E: Eurofins@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 No	221129NTRNT			Project No	NT Resources			Electronic Results Format	ESDAT					
				Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")			Groundwater Suite B1E Suite B1D Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)			Surfacewater Suite B1E Suite B1D Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)			Email for Results	Greg.Molloy@NTResources.com.au				
													Turn Around Requirements	☐ 1 DAY* ☒ 5 DAY (Std) ☐ 2 DAY* ☐ Other (29 Days for Radiochem) ☐ 3 DAY* *Surcharges apply				
													Containers			Method of Shipment		
													1L Plastic - GREEN Inorganic 500ml Plastic - GREEN Inorganic 200ml Plastic - RED Metals 60ml Plastic - RED Metals	☒ Courier (#) ☐ Hand Delivered ☐ Postal				
Relinquished by (Signature) (Time / Date)	[Signature] 21/12/2024									Sample Comments / DG Hazard Warning								
No	Client Sample ID	Date	Matrix															
1	Site 5	25/11/24	W				X	X	X	X	X							
2	Site 5	25/11/24	W				X	X	X	X	X							
3	Site 2	25/11/24	W				X	X	X	X	X							
4	Site 5	2/12/24	W				X	X	X	X	X							
5	Site 5	2/12/24	W				X	X	X	X	X							
6	Site 2	2/12/24	W				X	X	X	X	X							
7																		
8																		
9																		
10																		
11																		
12																		
Laboratory Use Only	Received By	[Signature]		Date	3/12/2024		Time	9:15 AM		Signature	[Signature]		Temperature	17.5°C		Report No	1166689	



Unit 16 Building F 16 Men Road Linn Cove-Gast NJ 07030
P 401 2900 1000
E Environ@LinnCove.com

Unit 1, 25 Seward Road, Woking, GU24 0JH
P: +44 7 520 2 4000
E: Enquiries@CDOonline.co.uk

26 Kingston Town Green, Guilford, VT 05703
P: +1 345 645 0000 F: +1 345 645 0000
E: info@campvillage.com

[illegible]

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Unit 3 Building F, 16 Mian Road, Lane Cove West NSW 2086
P: +61 2 9500 8400
E: enquiries@f208.com.au

Unit 1, 28 Seaford Place, Miramichi, Q.B. 5B1 2X7
P: 506 750-2200
E: Examiner@Q.Differential.com

2Kington Town Court, College VC 2165
P +1 305 410 0000 F +1 305 410 0000
E: Enquiries@VidRoad.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 Quots Rn		221129NTRNT		Project No		NT Resources		Electronic Results Format		ESDAT							
Contact Name		Greg Molloy		Contact Phone No		Mobile: 0437 690 958		Special Direction		Please do no put spaces inbetween sample ID letter when inputting into EsDat		Relinquished by (Signature)		10/12/2024							
Analysis		Groundwater		Sulph B11E		Sulph B11D		Suspended Solids		Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)		Surfacewater		Sulph B11E		Sulph B11D		Suspended Solids		Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)	
Turn Around Requirements		☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std) ☐ Other (20 Days for Radiochem)		Containers		Method of Shipment		☒ Courier (#) ☐ Hand Delivered ☐ Postal		Sample Comments / DG Hazard Warning											
No	Client Sample ID	Date	Matrix	1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200ml Plastic - RED Metals	60ml Plastic - RED Metals														
1	Site 5	9/12/24	W																		
2	Site 5	9/12/24	W																		
3	Site 2	9/12/24	W																		
4	Site 4	9/12/24	W																		
5	WANDU	9/12/24	W																		
6	GS 200	9/12/24	W																		
7	Site 1	9/12/24	W																		
8	TREAT 1	9/12/24	W																		
9																					
10																					
11																					
12																					

Laboratory Use Only

Received By

Ns Kitoi Kambawala

Date

10/12/2024

Time

11.00 AM

Signature

Temperature

15.3

Report No

1169379

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Sydney Lab

Unit 1, 25 Smith Street, Sydney NSW 2005
P +61 2 9554 5000 F +61 2 9554 5001
E Eurofins@sydney@eurofins.com.au

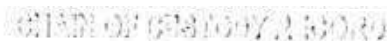
☐ Eurofins | mgt
Brisbane Lab

Unit 1, 25 Smith Street, Brisbane QLD 4102
P +61 7 3002 4000 F +61 7 3002 4001
E Eurofins@brisbane@eurofins.com.au

☐ Eurofins | mgt
Melbourne Lab

3 Kingston Road, Essendon VIC 3040
P +61 3 9554 5000 F +61 3 9554 5001
E Eurofins@melbourne@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 No	221129NTRNT			Project No	NT Resources			Electronic Results Format	ESDAT							
				Analysis (Note: Volume needed 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)			Email for Results	Greg.Molloy@NTResources.com.au												
Contact Name	Greg Molloy			Turn Around Requirements	☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std) ☐ Other (20 Days for Radiochem)															
Contact Phone No	Mobile: 0437 690 958			Containers			Method of Shipment													
Special Direction	Please do no put spaces inbetween sample ID letter when inputting into EsDat			1L Plastic - GREEN Inorganics 500ml Plastic - GREEN Inorganics 200ml Plastic - RED Metals 60ml Plastic - RED Metals			☒ Courier (H) ☐ Hand Delivered ☐ Postal													
Relinquished by (Signature) (Time / Date)	 17/12/2024			Sample Comments / DG Hazard Warning																
No	Client Sample ID	Date	Matrix																	
1	DAMOUT 1	16/12/24	W					X	X	X	X	X								
2	Site 5	16/12/24	W					X	X	X	X	X								
3	Site 5	16/12/24	W					X	X	X	X	X								
4	Site 2	16/12/24	W					X	X	X	X	X								
5	Site 4	16/12/24	W					X	X	X	X	X								
6	WANDOI	16/12/24	W					X	X	X	X	X								
7	GS 200	16/12/24	W					X	X	X	X	X								
8	Site 1	16/12/24	W					X	X	X	X	X								
9																				
10																				
11																				
12																				
Laboratory Use Only	Received By	Nikita K. Kozlov		Date	18/12/2024		Time	9:45AM		Signature			Temperature	9.7		Report No	1172453			



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(1) $\frac{d}{dt} \left(\frac{1}{2} m v^2 \right) = \frac{1}{2} m \frac{dv^2}{dt}$
 $= \frac{1}{2} m \cdot 2v \frac{dv}{dt} = mv \frac{dv}{dt}$
 $= m \int_0^v \frac{dv}{dt} dt = m \int_0^v dv = mv$

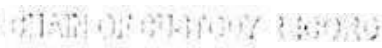
☐ **Barium Chloride**

Figure 1. The effect of the concentration of the solution on the adsorption of the dye. The concentration of the solution was 0.01, 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 15.0, 20.0, 30.0, 40.0, 50.0, 60.0, 70.0, 80.0, 90.0, 100.0, 150.0, 200.0, 300.0, 400.0, 500.0, 600.0, 700.0, 800.0, 900.0, 1000.0, 1500.0, 2000.0, 3000.0, 4000.0, 5000.0, 6000.0, 7000.0, 8000.0, 9000.0, 10000.0, 15000.0, 20000.0, 30000.0, 40000.0, 50000.0, 60000.0, 70000.0, 80000.0, 90000.0, 100000.0, 150000.0, 200000.0, 300000.0, 400000.0, 500000.0, 600000.0, 700000.0, 800000.0, 900000.0, 1000000.0, 1500000.0, 2000000.0, 3000000.0, 4000000.0, 5000000.0, 6000000.0, 7000000.0, 8000000.0, 9000000.0, 10000000.0, 15000000.0, 20000000.0, 30000000.0, 40000000.0, 50000000.0, 60000000.0, 70000000.0, 80000000.0, 90000000.0, 100000000.0, 150000000.0, 200000000.0, 300000000.0, 400000000.0, 500000000.0, 600000000.0, 700000000.0, 800000000.0, 900000000.0, 1000000000.0, 1500000000.0, 2000000000.0, 3000000000.0, 4000000000.0, 5000000000.0, 6000000000.0, 7000000000.0, 8000000000.0, 9000000000.0, 10000000000.0, 15000000000.0, 20000000000.0, 30000000000.0, 40000000000.0, 50000000000.0, 60000000000.0, 70000000000.0, 80000000000.0, 90000000000.0, 100000000000.0, 150000000000.0, 200000000000.0, 300000000000.0, 400000000000.0, 500000000000.0, 600000000000.0, 700000000000.0, 800000000000.0, 900000000000.0, 1000000000000.0, 1500000000000.0, 2000000000000.0, 3000000000000.0, 4000000000000.0, 5000000000000.0, 6000000000000.0, 7000000000000.0, 8000000000000.0, 9000000000000.0, 10000000000000.0, 15000000000000.0, 20000000000000.0, 30000000000000.0, 40000000000000.0, 50000000000000.0, 60000000000000.0, 70000000000000.0, 80000000000000.0, 90000000000000.0, 100000000000000.0, 150000000000000.0, 200000000000000.0, 300000000000000.0, 400000000000000.0, 500000000000000.0, 600000000000000.0, 700000000000000.0, 800000000000000.0, 900000000000000.0, 1000000000000000.0, 1500000000000000.0, 2000000000000000.0, 3000000000000000.0, 4000000000000000.0, 5000000000000000.0, 6000000000000000.0, 7000000000000000.0, 8000000000000000.0, 9000000000000000.0, 10000000000000000.0, 15000000000000000.0, 20000000000000000.0, 30000000000000000.0, 40000000000000000.0, 50000000000000000.0, 60000000000000000.0, 70000000000000000.0, 80000000000000000.0, 90000000000000000.0, 100000000000000000.0, 150000000000000000.0, 200000000000000000.0, 300000000000000000.0, 400000000000000000.0, 500000000000000000.0, 600000000000000000.0, 700000000000000000.0, 800000000000000000.0, 900000000000000000.0, 1000000000000000000.0, 1500000000000000000.0, 2000000000000000000.0, 3000000000000000000.0, 4000000000000000000.0, 5000000000000000000.0, 6000000000000000000.0, 7000000000000000000.0, 8000000000000000000.0, 9000000000000000000.0, 10000000000000000000.0, 15000000000000000000.0, 20000000000000000000.0, 30000000000000000000.0, 40000000000000000000.0, 50000000000000000000.0, 60000000000000000000.0, 70000000000000000000.0, 80000000000000000000.0, 90000000000000000000.0, 100000000000000000000.0, 150000000000000000000.0, 200000000000000000000.0, 300000000000000000000.0, 400000000000000000000.0, 500000000000000000000.0, 600000000000000000000.0, 700000000000000000000.0, 800000000000000000000.0, 900000000000000000000.0, 1000000000000000000000.0, 1500000000000000000000.0, 2000000000000000000000.0, 3000000000000000000000.0, 4000000000000000000000.0, 5000000000000000000000.0, 6000000000000000000000.0, 7000000000000000000000.0, 8000000000000000000000.0, 9000000000000000000000.0, 10000000000000000000000.0, 15000000000000000000000.0, 20000000000000000000000.0, 30000000000000000000000.0, 40000000000000000000000.0, 50000000000000000000000.0, 60000000000000000000000.0, 70000000000000000000000.0, 80000000000000000000000.0, 90000000000000000000000.0, 100000000000000000000000.0, 150000000000000000000000.0, 200000000000000000000000.0, 300000000000000000000000.0, 400000000000000000000000.0, 500000000000000000000000.0, 600000000000000000000000.0, 700000000000000000000000.0, 800000000000000000000000.0, 900000000000000000000000.0, 10000000

2000/01/01

10. 11. 2012

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☐ *Journal of Applied Gerontology*

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Journal of Internal Medicine 247: 111–115

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Kellbourne Lab

278122 • *Environ. Control. Build. Syst.* 1986, 9:185.
H. 48.3.0264-50000 F. 48.3.0264-50000.

Company		NT Resources Pty Ltd		Purchase Order		NTR #02098		Project Manager		Greg Molloy		Project Name		NT Resources	
				Eurofins mgt		221129NTRNT		Project No		NT Resources		Electronic Results		ESDAT	
Address		Old Rum Jungle Rd, Batchelor, NT, 0845													
Contact Name		Greg Molloy													
Telephone		690 958													
Email		Please do no put spaces inbetween sample ID letter when inputting into EsDat													
Fax		271 02													
Client Sample ID															
Site 5		23/12		W											
Site 5		23/12/2		W											
Site 2		2/12/1		W											
Site 4		3/12/24		W											
WANOOI		12		W											
GS 2000		2/12/2		W											
Site 1		2/12/2		W											
TREAT 01		23/12		W											



Unit F3 Building F, 1
P: +81 2 9500 8400
E: Ermw@anglia.ac.uk

[illegible]

3106
€5000
N=

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Unit F3 Building F, 16 Main Road, Lane Cove NSW
P: +61 2 9500 6400
E: enquiries@camporadwi.com

10-79 **OR** **433**

2 Angeline Town Circle, Oakleigh VIC 3166
P: +61 3 8564 1000 F: +61 3 8564 5...

ON ICE



Unit F3 Building F, 16 Mars Road, Lane Cove West, NSW 2009
P +61 2 (0)33 3400
E Enquiries@NSWWillowindns.com.au

Unit 1, 21 Smallwood Place, Murrumbidgee, QLD 4172
P: +61 7 3002 4500
E: Enquiries@QLD@murphys.com.au

21 Kingston Town Close, Dingley, VIC 3168
P: +61 3 8564 5000 F: +61 3 8564 5000
E: Envirosamples@vodafone.com.au

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CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt
Sydney LabUnit F3 Building F, 16 Mars Road, Lane Cove West, NSW 2086
P: +61 2 9500 9400
E: EuroSampleCOT@eurofins.com.au☐ Eurofins | mgt
Brisbane LabUnit 1, 35 Sheildwood Place, Murrumbidgee QLD 4172
P: +61 7 3902 4600
E: EuroSampleCOT@eurofins.com.au☐ Eurofins | mgt
Melbourne Lab3 Kingston Town Close, Coleridge, VIC 3196
P: +61 3 8564 5000 F: +61 3 8564 5000
E: EuroSampleCOT@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 No	221129NTRNT	Project No	NT Resources	Electronic Results Format	ESDAT														
		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)	Email for Results	Greg.Molloy@NTResources.com.au							
															Turn Around Requirements	☐ 1 DAY*	☐ 2 DAY*	☐ 3 DAY*			
																☒ 5 DAY (Std.)	☐ Other (20 Days for Radiochem)	* Surcharges apply			
																Containers		Method of Shipment			
Contact Name	Greg Molloy																				
Contact Phone No	Mobile: 0437 690 958																				
Special Direction	Please do not put spaces inbetween sample ID letter when inputting into EsDat																				
Relinquished by	(Signature) <i>Greg Molloy</i>																				
(Time / Date)	22/1/2025																				
No	Client Sample ID	Date	Matrix									1L Plastic - GREEN Inorganics		500ml Plastic - GREEN Inorganics		200ml Plastic - RED Metals		50ml Plastic - RED Metals		Sample Comments / DG Hazard Warning	
1	BH 23	16/1/25	W	X	X	X	X	X													
2	BH 21	16/1/25	W	X	X	X	X	X													
3	BH 3B	16/1/25	W	X	X	X	X	X													
4	BH 4B	16/1/25	W	X	X	X	X	X													
5	BH 4A	16/1/25	W	X	X	X	X	X													
6	DAMOOT 1	18/1/25	W						X	X	X	X	X								
7	GS 200	18/1/25	W						X	X	X	X	X								
8	Site 5	18/1/25	W						X	X	X	X	X								
9	Site 5	18/1/25	W						X	X	X	X	X								
10	Site 1	18/1/25	W						X	X	X	X	X								
11	Site 4	18/1/25	W						X	X	X	X	X								
12	TREATOI	18/1/25	W						X	X	X	X	X								
Laboratory Use Only	Received By	Nikita Kambureli	Date	22/1/2025	Time	9:40AM	Signature	KG	Temperature	16.5	Report No	1179775									



Unit F3 Building F, 18 Mars Road, Lane Cove West, NSW 2006
P: +61 2 9600 8400
E: Enquiries@NSWOffshore.com.au

Unit 1, 21 Smithwood Place, Murrumbidgee, QLD 4177
P: +61 7 3002 4600
E: Enquiries@Q3.Oilfield.com.au

2 Kingston Town Close, Oakleigh, VIC 3166
P: +61 3 8564 5000 F: +61 3 8564 5000
E: Enquiries@omniadelaide.com.au

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☐ Eurofins | mgt
Sydney LabUnit F3 Building F, 16 Mars Road Lane Cove West, NSW 2066
P: +61 2 9559 9400
E: Eurofins@eurofins.com.au☐ Eurofins | mgt
Brisbane LabUnit 1, 21 Southwood Place, Murrumbidgee, QLD 4172
P: +61 7 3822 4500
E: Eurofins@eurofins.com.au☐ Eurofins | mgt
Melbourne Lab2 Kingston Town Close, Oakleigh, VIC 3166
P: +61 3 8564 5000 F: +61 3 8564 5000
E: Eurofins@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 No		221129NTRNT		Project No		NT Resources		Electronic Results Format		ESDAT			
Contact Name		Greg Molloy		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)				Email for Results Greg.Molloy@NTResources.com.au		Turn Around Requirements ☒ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem) * Surcharges apply			
Contact Phone No		Mobile: 0437 690 958															
Special Direction		Please do not put spaces inbetween sample ID letter when inputting into EsDat															
Relinquished by (Signature)																	
(Time / Date)		29/1/2025															
No	Client Sample ID	Date	Matrix														
1	GS 200A	23/1/25	W					X	X	X	X	X					
2	Site 5A	23/1/25	W					X	X	X	X	X					
3	DAMOUT 1	23/1/25	W					X	X	X	X	X					
4	GS 200	23/1/25	W					X	X	X	X	X					
5	Site 5	23/1/25	W					X	X	X	X	X					
6	Site 5	23/1/25	W					X	X	X	X	X					
7	Site 1	23/1/25	W					X	X	X	X	X					
8	Site 4	23/1/25	W					X	X	X	X	X					
9	TREAT 01	23/1/25	W					X	X	X	X	X					
10																	
11																	
12																	
Laboratory Use Only		Received By		Nikita Kumburova		Date		29/1/2025		Time		2:10PM		Signature		AS	
														Temperature		19.2	
														Report No		1182011	

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#1182011



CHAIN OF CUSTODY RECORD

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Sydney LabUnit F3 Building F, 16 Mars Road, Lane Cove West, NSW 2066
P: +61 2 9555 4400
E: EurofinsSample@eurofins.com.au☐ Eurofins | mgt
Brisbane LabUnit 1, 51 Southwood Place, Murrumbidgee QLD 4172
P: +61 7 3002 4000
E: EurofinsSample@eurofins.com.au☐ Eurofins | mgt
Melbourne Lab2 Kingston Town Close, Oakleigh, VIC 3166
P: +61 3 8564 5000 F: +61 3 8564 5000
E: EurofinsSample@eurofins.com.au

Company		NT Resources Pty Ltd		Purchase Order		NTR #02098		Project Manager		Greg Molloy		Project Name		NT Resources											
Address		Old Rumi Jungle Rd, Batchelor, NT, 0845		Eurofins mgt Quote No		221129NTRNT		Project No		NT Resources		Electronic Results Format		ESDAT											
Contact Name		Greg Molloy		Analysis (Note: Where matrix is 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)				Email for Results		Greg.Molloy@NTResources.com.au											
Contact Phone No		Mobile: 0437 690 958												Turn Around Requirements		☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)									
Special Direction		Please do not put spaces inbetween sample ID letter when inputting into EsDat												Containers		Method of Shipment									
Relinquished by (Signature)												☒ Courier (#) ☐ Hand Delivered ☐ Postal		Sample Comments / DG Hazard Warning											
(Time / Date)		29.1.2025																							
No	Client Sample ID	Date	Matrix																						
1	Site 5	27.1.25	W					X	X	X	X	X													
2	Site 5	27.1.25	W					X	X	X	X	X													
3	Site 2	27.1.25	W					X	X	X	X	X													
4	Site 4	27.1.25	W					X	X	X	X	X													
5	WANDOL	27.1.25	W					X	X	X	X	X													
6	GS 200	27.1.25	W					X	X	X	X	X													
7	Site 1	27.1.25	W					X	X	X	X	X													
8	TREATO1	27.1.25	W					X	X	X	X	X													
9																									
10																									
11																									
12																									
Laboratory Use Only		Received By		N. Kitar, Kawbanki		Date		29.1.2025		Time		2.10 PM		Signature				Temperature		19.2		Report No		1182038	



CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt
Sydney LabUnit F2 Building F, 16 Mars Road, Lane Cove West, NSW 2006
P: +61 2 9554 5000
E: EurofinsSampleQ@eurofins.com.au☐ Eurofins | mgt
Brisbane LabUnit 1, 21 Southwood Place, Materic, QLD 4172
P: +61 7 3660 4000
E: EurofinsSampleQ@eurofins.com.au☐ Eurofins | mgt
Melbourne Lab2 Kington Town Close, Oakleigh, VIC 3166
P: +61 3 8554 5000 F: +61 3 8554 3090
E: EurofinsSampleQ@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 No	221129NTRNT			Project No	NT Resources			Electronic Results Format	ESDAT					
				Analysis (Note: When analysis is requested, please specify "As is" 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)			Email for Results Greg.Molloy@NTResources.com.au			Turn Around Requirements ☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem) *Surcharges apply								
													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		
Contact Name	Greg Molloy																	
Contact Phone No	Mobile: 0437 690 958																	
Special Direction	Please do not put spaces inbetween sample ID letter when inputting into EsDat																	
Relinquished by (Signature) (Time / Date)	 5/2/2025																	
No	Client Sample ID	Date	Matrix															
1	Site 5	3/2/25	W					X	X	X	X	X						
2	Site 5	3/2/25	W					X	X	X	X	X						
3	Site 2	3/2/25	W					X	X	X	X	X						
4	Site 4	3/2/25	W					X	X	X	X	X						
5	WAND 01	3/2/25	W					X	X	X	X	X						
6	GS 200	3/2/25	W					X	X	X	X	X						
7	Site 1	3/2/25	W					X	X	X	X	X						
8	TREAT 01	3/2/25	W					X	X	X	X	X						
9	BH 22	3/2/25	W	X	X	X	X	X	X	X	X	X						
10	BH 22	3/2/25	W	X	X	X	X	X	X	X	X	X						
11																		
12																		
Laboratory Use Only	Received By	Nikolay Karlovich		Date	4/2/2025		Time	1:57PM		Signature			Temperature	181		Report No	1184009	

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☐ Eurofins | mgt
Sydney Lab

 Unit F3 Building F, 16 Mark Road, Lane Cove West, NSW 2066
P: +61 2 9550 8400
E: Eurofins@sydneylab.com.au

☐ Eurofins | mgt
Brisbane Lab

 Unit 1, 21 Southwood Place, Marston, QLD 4172
P: +61 7 3992 4500
E: Eurofins@brisbanelab.com.au

☐ Eurofins | mgt
Melbourne Lab

 3 Kingston Town Close, Canning, VIC 3168
P: +61 3 8564 5000 F: +61 3 8564 5000
E: Eurofins@melbournelab.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 No		221129NTRNT		Project No		NT Resources		Electronic Results Format		ESDAT		
Contact Name		Greg Molloy		Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")		Groundwater Sulphate B11E Sulphate B11D Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)		Surfacewater Sulphate B11E Sulphate B11D Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)				Email for Results		Greg.Molloy@NTResources.com.au		
Contact Phone No		Mobile: 0437 690 958														
Special Direction		Please do not put spaces in between sample ID letter when inputting into EsDat														
Relinquished by (Signature)												Turn Around Requirements		☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)		
(Time / Date)		10/2/2025												Containers 1L Plastic - GREEN Inorganics 500ml Plastic - GREEN Inorganics 200mL Plastic - RED Metals 60mL Plastic - RED Metals		Method of Shipment ☒ Courier (#) ☐ Hand Delivered ☐ Postal
No	Client Sample ID	Date	Matrix											Sample Comments / DG Hazard Warning		
1	Site 5	10/2/25	W					X	X	X	X	X				
2	Site 5	10/2/25	W					X	X	X	X	X				
3	Site 2	10/2/25	W					X	X	X	X	X				
4	Site 4	10/2/25	W					X	X	X	X	X				
5	GS 2000	10/2/25	W					X	X	X	X	X				
6	TREAT 01	10/2/25	W					X	X	X	X	X				
7	Site 1	10/2/25	W					X	X	X	X	X				
8	WAND 01	10/2/25	W					X	X	X	X	X				
9																
10																
11																
12																

Laboratory Use Only

Received By

N. Kitaru Kumbavathi

Date

11/2/2025

Time

9:50AM

Signature

Temperature

7.9

Report No

1186076



CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt
Sydney LabUnit F3 Building F, 15 Mars Road, Lane Cove West, NSW 2066
P: +61 2 9550 6000
E: Eurofins@eurofins.com.au☐ Eurofins | mgt
Brisbane LabUnit 1, 21 Smallwood Place, Murrumbidgee, QLD 4112
P: +61 7 3902 4000
E: Eurofins@eurofins.com.au☐ Eurofins | mgt
Melbourne Lab2 Kingston Town Close, Oakleigh, VIC 3166
P: +61 3 8564 5000 F: +61 3 8564 5090
E: Eurofins@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 No	221129NTRNT			Project No	NT Resources			Electronic Results Format	ESDAT							
				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)			Email for Results Greg.Molloy@NTResources.com.au			Turn Around Requirements ☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem) *Surcharges apply										
Contact Name	Greg Molloy																			
Contact Phone No	Mobile: 0437 690 958																			
Special Direction	Please do not put spaces inbetween sample ID letter when inputting into EsDat																			
Relinquished by (Signature)																				
(Time / Date)	18/12/2025																			
No	Client Sample ID	Date	Matrix										Containers			Method of Shipment				
													1L Plastic - GREEN Inorganics	500ml Plastic - GREEN Inorganics	200ml Plastic - RED Metals	60ml Plastic - RED Metals	☒ Courier (#)	☐ Hand Delivered	☐ Postal	
1	Site 5	17/12/25	w					X	X	X	X	X								
2	Site 5	17/12/25	w					X	X	X	X	X								
3	Site 2	17/12/25	w					X	X	X	X	X								
4	Site 4	17/12/25	w					X	X	X	X	X								
5	WANDOI	17/12/25	w					X	X	X	X	X								
6	GS 200	17/12/25	w					X	X	X	X	X								
7	Site 1	17/12/25	w					X	X	X	X	X								
8																				
9																				
10																				
11																				
12																				
Laboratory Use Only	Received By	Nikita Komboraki		Date	18/12/2025		Time	11:30AM		Signature			Temperature	17.0		Report No	1188802			

iced

will be logged after.

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CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt
Sydney Lab

 Unit F3 Building F, 16 Mars Road, Lane Cove West NSW 2006
 P: +61 2 9550 5400
 E: Eurofins@mgt.com.au

☐ Eurofins | mgt
Brisbane Lab

 Unit 1, 21 Smalwood Place, Marlin QLD 4172
 P: +61 7 3802 4000
 E: Eurofins@mgt.com.au

☐ Eurofins | mgt
Melbourne Lab

 2 Kingston Town Close, Oakleigh VIC 3166
 P: +61 3 8564 5000 F: +61 3 8564 5000
 E: Eurofins@mgt.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 No		221129NTRNT		Project No		NT Resources		Electronic Results Format		ESDAT	
Contact Name		Greg Molloy		Analysis (Note: Where metals are requested, please specify "Total" or "Filtered")		Groundwater Suite B1E Suite B1D Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)		Surfacewater Suite B1E Suite B1D Suspended Solids Metals Total & Filtered (Al, Cd, Cr, Co, Cu, Fe, Pb, Mn, Ni, U, Zn)				Email for Results Greg.Molloy@NTResources.com.au		Turn Around Requirements ☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)	
Contact Phone No		Mobile: 0437 690 958													
Special Direction		Please do not put spaces inbetween sample ID letter when inputting into EsDat													
Relinquished by (Signature)															
(Time / Date)		26/2/2025													
No	Client Sample ID	Date	Matrix												
1	Site 1	24/2/25	W					X	X	X	X	X			
2	Site 2	24/2/25	W					X	X	X	X	X			
3	Site 5	24/2/25	W					X	X	X	X	X			
4	Site 5	24/2/25	W					X	X	X	X	X			
5	WANDOI	24/2/25	W					X	X	X	X	X			
6	Site 4	24/2/25	W					X	X	X	X	X			
7	GS 200	24/2/25	W					X	X	X	X	X			
8	TREATOI	24/2/25	W					X	X	X	X	X			
9															
10															
11															
12															
Laboratory Use Only		Received By		Date		24/02/2025		Time		2:30 PM		Signature			
												Temperature		12.2 °C	
												Report No		1192255	



CHAIN OF CUSTODY RECORD

☐ Eurofins | mgt
Sydney Lab

 Unit F3 Building F, 16 Mars Road, Lane Cove West, NSW 2099
 P: +61 2 9554 5000
 E: EurofinsSampleMgt@eurofins.com.au

☐ Eurofins | mgt
Brisbane Lab

 Unit 1, 21 Southwood Place, Matera, QLD 4172
 P: +61 7 3602 4500
 E: EurofinsSampleQLD@eurofins.com.au

☐ Eurofins | mgt
Melbourne Lab

 2 Kingston Town Close, Oakleigh, VIC 3166
 P: +61 3 8564 5000 F: +61 3 8564 5000
 E: EurofinsSampleVIC@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 No		221129NTRNT		Project No		NT Resources		Electronic Results Format		ESDAT	
Contact Name		Greg Molloy		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)		Email for Results		Greg.Molloy@NTResources.com.au							
Contact Phone No		Mobile: 0437 690 958				Turn Around Requirements		☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)							
Special Direction		Please do not put spaces inbetween sample ID letter when inputting into EsDat				Containers		Method of Shipment							
Relinquished by (Signature)				1L Plastic - GREEN Inorganics		500ml Plastic - GREEN Inorganics		200ml Plastic - RED Metals		60ml Plastic - RED Metals		☒ Courier (#) ☐ Hand Delivered ☐ Postal		Sample Comments / DG Hazard Warning	
(Time / Date)		5/3/2025													
No	Client Sample ID	Date	Matrix												
1	Site 5	3/3/25	W					X	X	X	X	X			
2	Site 5	3/3/25	W					X	X	X	X	X			
3	Site 2	3/3/25	W					X	X	X	X	X			
4	Site 4	3/3/25	W					X	X	X	X	X			
5	WANO 01	3/3/25	W					X	X	X	X	X			
6	GS 200	3/3/25	W					X	X	X	X	X			
7	Site 1	3/3/25	W					X	X	X	X	X			
8	TREAT 01	3/3/25	W					X	X	X	X	X			
9	BH 22	3/3/25	W	X	X	X	X	X							
10	BH 24	3/3/25	W	X	X	X	X	X							
11	BH 24	3/3/25	W	X	X	X	X	X							
12															
Laboratory Use Only		Received By		N. Kitar		Kambayon		Date		6/3/2025		Time		1:50PM	
														Signature	
														Temperature	
														235	
														Report No	
														1195374	

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☐ Eurofins | mgt
Sydney Lab

Unit F3 Building F, 16 Mann Road, Lane Cove West, NSW 2000
P +61 2 9500 5400
E Events@ampereNSW@bunnings.com.au

☐ Eurofins | mgt
Brisbane Lab

Unit 1, 21 Snydwood Place, Murrumbidgee QLD 4172
P +61 7 3002 4000
E Enquiries@QLDShooting.com.au

☐ Eurofins | mgt
Melbourne Lab

2 Kingston Town Close, Oakleigh, VIC 3166
P +61 3 8564 5000 F +61 3 8564 5000
E EnvironSampleVul@earthlink.net.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 No		221129NTRNT		Project No		NT Resources		Electronic Results Format		ESDAT																	
				Analysis (Note: Where metals are requested, please specify "Total" or "Filterable")		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)							
Contact Name		Greg Molloy		Contact Phone No		Mobile: 0437 690 958		Special Direction		Please do not put spaces in between sample ID letter when inputting into EsDat		Relinquished by (Signature)		[Signature]		Turn Around Requirements		☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std) * Surcharges apply. 20 Days for Radiochem													
Time / Date		11/3/2025		Containers		Method of Shipment		1L Plastic - GREEN Inorganics		500ml Plastic - GREEN Inorganics		200ml Plastic - RED Metals		60ml Plastic - RED Metals		☒ Courier (#) ☐ Hand Delivered ☐ Postal															
No		Client Sample ID		Date		Matrix		1		2		3		4		5		6		7		8		9		10		11		12	
1		Site 1		10/3/25		W		X		X		X		X		X		1		2											
2		Site 2		10/3/25		W		X		X		X		X		X		1		2											
3		Site 4		10/3/25		W		X		X		X		X		X		1		2											
4		Site 5		10/3/25		W		X		X		X		X		X		1		2											
5		GS 200		10/3/25		W		X		X		X		X		X		1		2											
6		Site 5		10/3/25		W		X		X		X		X		X		1		2											
7		WANDOI		10/3/25		W		X		X		X		X		X		1		2											
8		TREATOI		10/3/25		W		X		X		X		X		X		1		2											
9																															
10																															
11																															
12																															
Laboratory Use Only		Received By		Nikita Kamboukis		Date		11/3/2025		Time		11:05 AM		Signature		[Signature]		Temperature		21.5		Report No		1196239							

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Sydney Lab

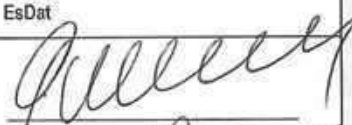
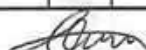
Unit F3 Building F, 18 Mann Road, Lane Cove West, NSW 2006
P: +61 2 9900 8400
E: Enquiries@nswfireandrescue.nsw.gov.au

☐ Eurofins | mgt
Brisbane Lab

Unit 1, 21 Studwood Place, Marrie, QLD 4172
P +61 7 5002 4900
E Elise@andcoQLD@earthlink.net.au

☐ Eurofins | mgt
Melbourne Lab

2 Kingston Town Close, Exeter, EX1 3JF
P: +41 3 8564 5000 F: +41 3 8564 5000
E: Enrico.Sampieri@vodafone.it

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 mg/L Quote No		221129NTRNT			Project No		NT Resources			Electronic Results Format		ESDAT																													
					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)			Email for Results		Greg.Molloy@NTResources.com.au							
																																										Turn Around Requirements		☐ 1 DAY* ☐ 2 DAY* ☐ 3 DAY* ☒ 5 DAY (Std.) ☐ Other (20 Days for Radiochem)		
																																										Containers			Method of Shipment	
Contact Name		Greg Molloy			Contact Phone No		Mobile: 0437 690 958			Special Direction		Please do not put spaces inbetween sample ID letter when inputting into EsDat			Relinquished by (Signature)		 18.13.2023			☒ Courier (#) ☐ Hand Delivered ☐ Postal																										
Time / Date																																														
No	Client Sample ID			Date	Matrix																																									
1	Site 5			17/3/25	W						X	X	X	X	X																															
2	Site 5			17/3/25	W						X	X	X	X	X																															
3	Site 2			17/3/25	W						X	X	X	X	X																															
4	Site 4			17/3/25	W						X	X	X	X	X																															
5	WANDOL			17/3/25	W						X	X	X	X	X																															
6	GS 200			17/3/25	W						X	X	X	X	X																															
7	Site 1			17/3/25	W						X	X	X	X	X																															
8	TREAT 01			17/3/25	W						X	X	X	X	X																															
9																																														
10																																														
11																																														
12																																														
Laboratory Use Only		Received By		11/4/2025		Date		18/03/2025		Time		9:45am		Signature				Temperature		13.6		Report No		119935																						

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APPENDIX G – 2024/25 MONTHLY DISCHARGE REPORTS



Our Ref: NTR-ENV-LET-110
4 January 2025

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 – December 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 December 2024.

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

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 December 2024 are shown in Table 1.



Table 1 Field monitoring results for December 2024

				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
EOL								700	6.5-8.5	10
WDL177-10 Trigger Levels										
Location Code	Date	Time	Sample Comments							
GS200	06 Dec 2024	7:56:00	Colour= dirty, Depth= 1.	29.4	3.34	179	43.7	510	7.06	8.1
GS200	09 Dec 2024	8:10:00	Colour= Colour = , Flow=	28.6	3.29	161	43.9	699	6.24	23
GS200	16 Dec 2024	8:00:00	Colour= disc, Depth= 1.5	30.4	3.1	192	41	235	6.58	15.1
GS200	20 Dec 2024	19:12:00	Colour= dirty, Depth= 2.	26.1	4.28	215	52.6	112	6.34	164
GS200	23 Dec 2024	8:02:00	Colour = Flow = med, De	29.1	3.6	200	47.8	395	6.93	7.2
GS200	30 Dec 2024	8:06:00	Colour = clear, Flow = lo	31.4	3.5	218	46.6	333	6.58	7.4
GS200	31 Dec 2024	10:01:00	Colour= disc, Depth= 1.5	32.7	3.62	1,809	50.3	275	7.06	10.7
SITE1	06 Dec 2024	7:31:00	Colour= dirty, Depth = .2	27.3	3.89	181	47.5	421	5.66	87.7
SITE1	09 Dec 2024	7:47:00	Colour = slightly discolou	29.2	4.05	169	52.1	696	5.86	15.1
SITE1	16 Dec 2024	7:36:00	Colour= disc, Depth =, Fl	28.3	3.97	186	50.6	297	6.33	44.3
SITE1	20 Dec 2024	18:50:00	Colour= dirty, Depth = .4	26.1	4.15	265	51.9	188	5.21	283
SITE1	23 Dec 2024	7:38:00	Colour = Flow = low, De	28.2	3.94	215	50.4	369	6.9	13.5
SITE1	30 Dec 2024	7:36:00	Colour = clear, Flow = lo	30.6	2.84	233	46.4	341	6.58	10.5
SITE1	31 Dec 2024	9:43:00	Colour= slight disc, Dep	30.6	4.13	209	537	198	6.64	21.4
SITE2	02 Dec 2024	8:16:00	dam gauge ht = 1.47, col	32.2	3.26	182	44.4	577	7.66	3.6
SITE2	09 Dec 2024	9:30:00	dam gauge ht = 1.35, col	31.8	3.81	139	51.2	537	7.34	6.1
SITE2	16 Dec 2024	9:49:00	dam gauge ht = 1.43, col	32.4	3.17	158	43.3	526	7.46	4.6
SITE2	23 Dec 2024	9:05:00	dam gauge ht = .78, col	30.3	3.32	160	44.1	488	7.41	8.1
SITE2	30 Dec 2024	9:14:00	dam gauge ht = 1.23, col	33.7	2.97	161	40.6	441	7.4	5.7
SITE4	06 Dec 2024	8:38:00	Colour= slight disc, Dept	27.3	3.34	177	41.7	26.6	5.82	46.2
SITE4	07 Dec 2024	8:05:00	Colour= clear, Clarity = d	28.6	2.41	161.8	29.4	31.1	5.87	61.7
SITE4	08 Dec 2024	8:15:00	Colour= clear, Clarity = d	28	1.85	186.3	23.2	33.4	5.67	47.4
SITE4	09 Dec 2024	8:56:00	Colour= slightly discolou	27.7	2.82	200	26	49	6.59	33.4
SITE4	10 Dec 2024	7:23:00	Colour= dirty, Flow= poo	27.3	1.15	212.2	3.8	54.6	5.56	25.4
SITE4	11 Dec 2024	6:36:00	Colour= clear, Flow= poo	27.8	16	222.5	18.7	56.7	5.46	21.3
SITE4	12 Dec 2024	6:43:00	Colour= cloudy, Flow= v	27.8	1.43	215.3	22.3	46.5	5.46	36.7
SITE4	13 Dec 2024	10:38:00	Colour= brownish, Clarit	30.8	2.16	175	36.8	44.3	5.24	24.2
SITE4	14 Dec 2024	6:45:00	Colour = clear, clarity = c	27.8	1.41	205.4	18.1	35.6	5.73	23.7
SITE4	15 Dec 2024	6:45:00	Colour = clear, clarity = c	27.5	2.36	199.3	31.1	33.2	5.83	17.5
SITE4	16 Dec 2024	9:35:00	Colour= slight disc, Flow	29	2.92	186	37.8	40.9	6.08	25.4
SITE4	17 Dec 2024	8:15:00	Colour = clear, clarity = c	28.7	2.16	166.5	27.9	33.1	6.05	17.8
SITE4	18 Dec 2024	7:33:00	Colour = clear, clarity = c	26.2	2.84	231.5	35.7	29.5	5.51	24.4
SITE4	19 Dec 2024	7:21:00	Colour = slightly cloudy,	26.1	3.88	219.2	49.3	291	5.71	24.2
SITE4	20 Dec 2024	6:50:00	Colour = clear, clarity = c	26.9	2.43	225.2	30.6	31.3	5.62	14.1
SITE4	20 Dec 2024	19:56:00	Colour= dirty, Depth = .3	25.3	4.07	212	50.3	20.9	6.13	57.6
SITE4	21 Dec 2024	7:27:00	Colour = clear, clarity = c	25.7	3.28	198.4	39.84	25.3	5.5	13.2
SITE4	22 Dec 2024	8:55:00	Colour = clear, clarity = c	29.5	3.52	160.9	40.8	25.2	5.88	12.1
SITE4	23 Dec 2024	8:39:00	Colour = slight disc, clar	27.3	3.12	197	39.2	37.8	5.82	10.5
SITE4	23 Dec 2024	8:39:00	Colour = slight disc, Flow	27.3	3.12	197	39.2	37.8	5.82	10.5
SITE4	24 Dec 2024	7:55:00	Colour = clear, clarity = c	26.5	2.81	159.4	34.3	25.8	6.06	9.4
SITE4	25 Dec 2024	8:55:00	Colour = clear, clarity = c	27.2	2.89	17.6	36.2	24.2	5.96	8.5
SITE4	26 Dec 2024	9:19:00	Colour = clear, Clarity = f	30.9	2.74	176.9	46.1	123.3	5.72	8.1
SITE4	27 Dec 2024	8:35:00	Colour = clear, Clarity = f	29	2.88	196.2	46.7	39.6	5.52	7
SITE4	28 Dec 2024	9:11:00	Colour = clear, Flow = av	30.6	2.62	194.1	43.3	229.1	5.66	6.4
SITE4	29 Dec 2024	9:08:00	Colour = clear, flow = av	29.9	3.03	178.3	49.5	36	5.59	6.2
SITE4	30 Dec 2024	8:47:00	Colour = clear, Flow = m	30.8	3.32	193	43.4	24.7	5.93	6.7
SITE4	31 Dec 2024	7:45:00	Colour = clear, Clarity = c	28.1	3.64	173.7	41.1	20.3	6.02	15.5
SITE4	31 Dec 2024	10:31:00	Colour= clear, Depth = .2	32	3.85	170	51.4	24.9	6.01	7.7
SITE5	02 Dec 2024	7:59:00	Colour = clear, Flow = low	28.3	2.37	174	29.9	621	7.33	1.4
SITE5	06 Dec 2024	8:23:00	Colour= clear, Depth = .4	30.7	3.34	162	43.7	495	6.97	8.1
SITE5	07 Dec 2024	6:45:00	Colour = clear, Clarity = c	29.5	2.75	110.6	36.5	441	6.45	11
SITE5	08 Dec 2024	7:55:00	Colour = slight disc, Clar	27.9	2.81	148.1	36.7	2.57	6.33	34.1
SITE5	09 Dec 2024	8:15:00	Colour = disc, med = low	27.5	2.92	146	36.8	226	6.6	28.6
SITE5	09 Dec 2024	9:15:00	Colour = discoloured, flo	27.5	2.92	146	36.8	226	6.6	28.6
SITE5	10 Dec 2024	7:38:00	Colour = clear, flow = ave	27.4	2.09	189.3	26.1	270	6.38	10.2
SITE5	11 Dec 2024	6:53:00	Colour = clear, flow = po	27.8	1.84	198	23.6	298	6.49	9.2
SITE5	12 Dec 2024	7:02:00	Colour= brownish, flow =	27.5	1.72	196.3	27.4	305	6.57	14.4
SITE5	13 Dec 2024	10:54:00	Colour = murky, clarity =	30.2	2.39	146.1	39.8	170.3	6.45	15.4
SITE5	14 Dec 2024	6:30:00	Colour = clear, clarity = c	27.8	2.14	179.2	33.6	217.1	6.71	8.4
SITE5	15 Dec 2024	6:30:00	Colour = clear, clarity = c	27.8	2.21	213.4	28.1	221	6.21	9.2
SITE5	16 Dec 2024	9:19:00	Colour= clear, Depth = .4	30	2.41	177	32.5	483	7.3	6.5
SITE5	17 Dec 2024	8:30:00	Colour = clear, clarity = c	30	2.19	148.7	29.5	389	6.79	5.2
SITE5	18 Dec 2024	7:47:00	Colour = slightly cloudy,	26.1	3.33	258.4	38.2	27.5	738	28.7
SITE5	19 Dec 2024	7:35:00	Colour = slightly cloudy,	26.6	3.14	184.7	38.7	154.5	6.64	13.6
SITE5	20 Dec 2024	7:08:00	Colour = clear, clarity = c	27	3.57	184.7	45.8	142.2	6.7	8.1
SITE5	20 Dec 2024	20:12:00	Colour= dirty Depth = .8,	25.5	3.41	189	42.1	67.1	6.66	7.9
SITE5	21 Dec 2024	7:38:00	Colour = clear, clarity = c	27.6	3.89	172.2	41.6	378	6.86	7.3
SITE5	22 Dec 2024	8:40:00	Colour = clear clarity = cl	30.5	2.57	180.1	35.8	462	6.97	4.2
SITE5	23 Dec 2024	8:54:00	Colour = clear, Flow = me	29.2	2.73	171	35.6	405	7.03	5.1
SITE5	24 Dec 2024	7:40:00	Colour = clear, clarity = c	27	2.6	141.5	33.4	116.7	9.66	4.6
SITE5	25 Dec 2024	8:40:00	Colour = clear, clarity = c	27.1	2.65	158.4	33.7	110.1	6.41	11.7
SITE5	26 Dec 2024	9:33:00	Colour = murky, Clarity =	29.3	2.29	169.1	37.4	103	6.44	6.5
SITE5	27 Dec 2024	8:54:00	Colour = murky, brownis	28.8	2.11	171.9	34.4	95.5	6.39	6.2
SITE5	28 Dec 2024	9:27:00	Colour = brown, murky,	29.7	2.25	175.3	37.6	94.2	6.46	6.3
SITE5	29 Dec 2024	9:24:00	Colour = brown, murky,	29.3	2.23	170.3	37	90.3	6.42	5.5
SITE5	30 Dec 2024	9:01:00	Colour = clear, Flow = me	30.4	2.75	168	36	84	6.62	5.6
SITE5	31 Dec 2024	7:30:00	Colour = clear, Clarity = c	27.9	3.52	156.1	46.8	83.4	6.51	16.7
SITE5	31 Dec 2024	10:47:00	Colour= clear, Depth = .5	33.4	3.22	162	43.8	375	7.06	6.4
TREAT01	09 Dec 2024	9:44:00	Treating, Colour = clear	31.6	3.77	104	50.1	536	8.83	5.2
TREAT01	23 Dec 2024	7:14:00	Treating, Colour = clear	30	4.29	174	55.4	512	9	1.1
TREAT01	30 Dec 2024	9:28:00	Treating, Colour = clear	34.5	4.19	84.2	58.1	393	9.54	2.9
TREAT01	31 Dec 2024	11:19:00	treating	33.9	3.43	105	47.3	372	9.54	9.2

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.

Site 4 is upstream of the monitoring point at Site 5. During most of the duration of December 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 during December 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.

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.

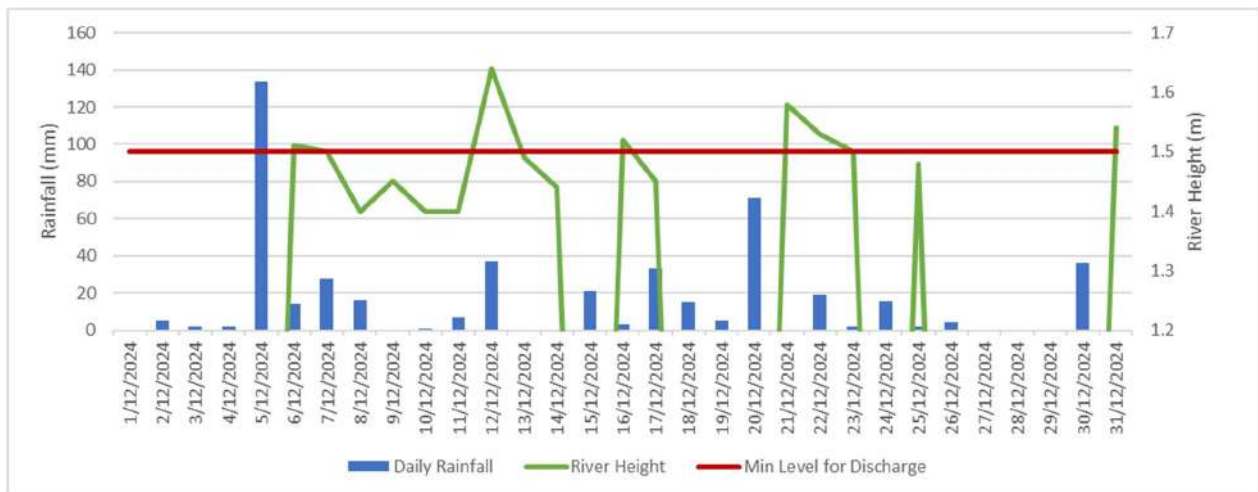


Figure 1 December 2024 rainfall and river height

The metals and inorganics samples were taken in December 2024, however water quality data has not yet been made available by the laboratory at the date of writing this report. These data will be provided in the January 2025 monthly discharge report. Based on previous monitoring results, where pH at Site 5 is within the Waste Discharge License limits, then metal concentrations are also generally compliant.



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

Flow meter readings at Site 2.

Discharge was occurring from Site 5 in four events during December 2024.

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

Event 1

Start Date: 5 December 2024

Time start: 20:45 hours

End Date: 7 December 2024

Time End: 05:20 hours

Duration of event: 1 days, 8 hours, 35 mins

Discharge volume: 31,566 m³

Event 2

Start Date: 16 December 2024

Time start: 08:10 hours

End Date: 17 December 2024

Time End: 06:10 hours

Duration of event: 22 hours

Discharge volume: 21,009 m³

Event 3

Start Date: 20 December 2024

Time start: 16:54 hours

End Date: 23 December 2024

Time End: 16:57 hours

Duration of event: 3 days, 0 hours, 15 minutes

Discharge volume: 64,846 m³

Event 4

Start Date: 31 December 2024

Time start: 08:15 hours

Discharge event 4 is ongoing into January 2025, and will be reported in the January 2025 monthly discharge report.



Licence condition 43 - Summary of water inventory.

The Site water inventory as follows:

Total water treated December 2024: **66.6 ML**

Total water discharged December 2024: **117 ML**

Total water used for dust suppression for December 2024: **1,294 m³**

Total rainfall for December 2024: **472.5 mm**

Pond name	Gauge Height (1/12/2024)	Gauge Height (31/12/2024)
Sed dam	1.46	1.27
Pit level	54.53	55.44
BSS	0.30	1.49
PAF	0.47	1.30
SP3	0.54	0.80
SRO	0.86	1.38

Licence condition 43 - A summary of any trigger value exceedances for the month.

No exceedances of the WDL trigger values were measured at Site 5 during discharge.

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 December 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

A handwritten signature in black ink that reads "GMolloy".

Greg Molloy

General Manager

Northern Territories Resources Pty Ltd



Our Ref: NTR-ENV-LET-111
5 February 2025

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 – January 2025 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 2025.

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

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 2025 are shown in Table 1.



Table 1 Field monitoring results for January 2025

				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
During discharge								700	6.5-8.5	10
EOL								700	6.5-8.5	
WDL177-10 Trigger Levels										
WDL177-10 Triple Trigger Levels										
Location Code	Date	Time	Sample Comments							
GS200	06 Jan 2025	8:42:00	Colour = clear, Flow = med, Depth = 1.52	29	3.69	184	47.6	255	6.73	6.2
GS200	13 Jan 2025	7:50:00	Colour = clear, Flow = med, Depth = 1.52	29.3	3.5	214	46.1	217	6.61	7.8
GS200	18 Jan 2025	9:39:00	Colour= slight disc, Depth= 1.58, Flow = med	28.4	4.02	196	52.1	273	6.61	8.8
GS200	20 Jan 2025	8:50:00	Colour = clear, Flow = med, Depth = 1.53	28.6	3.66	173	47.2	267	6.63	4.7
GS200	23 Jan 2025	9:20:00	Colour= clear, Depth= 1.58, Flow = med	29.9	4.19	158	55.3	209	7.1	6.4
GS200	23 Jan 2025	19:08:00	Colour= clear, Depth= 1.59,	28.7	3.67	187	48.2	331	6.87	7.7
GS200	27 Jan 2025	7:48:00	Colour = clear, Flow = low, Depth = 1.51	28.6	4.12	213	54.3	336	7.1	5.3
SITE1	06 Jan 2025	8:18:00	Colour = clear, Flow = med, Depth = .2,	27.9	3.86	187	47.2	242	6.84	8
SITE1	13 Jan 2025	7:26:00	Colour = clear, Flow = low Depth = .2,	28.5	4.2	227	54.1	194	6.59	5.6
SITE1	18 Jan 2025	9:15:00	Colour= slight disc, Depth = 3, Flow = med	27	4.68	200	58.1	253	6.32	10.8
SITE1	20 Jan 2025	8:07:00	Colour = clear, Flow = low Depth = .3,	27.4	4.14	204	52.3	236	6.4	19.9
SITE1	23 Jan 2025	8:58:00	Colour= clear, Depth = .25, Flow =	28.3	4.32	152	55.7	228	7.12	9.8
SITE1	27 Jan 2025	7:33:00	Colour = clear, Flow = low Depth = .2,	27.7	4.45	211	57.4	258	7.09	4.8
SITE2	06 Jan 2025	9:59:00	dam gauge ht = .23, colour = clear	31.4	2.96	130	39.9	460	7.17	4
SITE2	13 Jan 2025	8:59:00	dam gauge ht = .3, colour = clear	31.9	3.61	159	4.4	425	7.21	3.5
SITE2	20 Jan 2025	9:48:00	dam gauge ht = .28, colour = clear/surface scum	31.9	4.48	137	57.1	428	7.39	9.8
SITE2	27 Jan 2025	9:16:00	dam gauge ht = .27, colour = clear	32.1	3.88	135	53.8	425	7.46	7.4
SITE4	01 Jan 2025	7:50:00	Colour= clear, Clarity = clean, Flow= good, Depth= .02	27.8	2.58	198.1	32.2	28.3	6.07	8.1
SITE4	02 Jan 2025	7:55:00	Colour= clear, Clarity = clean, Flow= good, Depth= .02	28.4	3.04	209.8	38.4	27.4	5.83	6.7
SITE4	03 Jan 2025	7:03:00	Colour= clear, Clarity = clean, Flow= low, Depth= .5	27.6	3.34	219.5	43.2	23.8	7.02	8.6
SITE4	04 Jan 2025	8:23:00	Colour= clear, Clarity = clear, Flow= low, Depth= .1-.15	27.5	3.3	230.9	42.6	25.6	6.5	5.6
SITE4	05 Jan 2025	7:10:00	Colour= clear, clarity = clear, Flow= low, Depth= .1-.15	28.3	3.2	235.2	43.3	26.7	6.44	5.9
SITE4	06 Jan 2025	9:29:00	Colour= clear, Clarity = Flow= low, Depth= .15	27.9	3.71	165	47.2	33.5	6.07	4.2
SITE4	07 Jan 2025	9:15:00	Colour= clear, Clarity = clear, Flow= steady, Depth= .1	27.7	3.61	163.9	45	25.8	6.13	3.7
SITE4	08 Jan 2025	6:41:00	Colour = clear, clarity = flow = med, depth = 0.15	26.7	2.72	239	34.3	70.3	5.54	3.2
SITE4	09 Jan 2025	6:52:00	Colour = clear, clarity = flow = med, depth = 0.15	27.2	3.18	212	39.9	34.6	5.74	8.9
SITE4	10 Jan 2025	8:20:00	Colour = clear, clarity = clear flow = steady, depth = .1	27	2.77	162.6	35.9	22.7	6.14	5.1
SITE4	11 Jan 2025	9:40:00	Colour = clear, clarity = flow = ave-good, depth = 0.15	29.3	3.91	233.6	50.5	46.3	5.61	3.5
SITE4	12 Jan 2025	9:27:00	Colour = clear, clarity = flow = ave, depth = 0.15	28.9	2.5	232.2	40.6	37.9	5.84	3.8
SITE4	13 Jan 2025	8:28:00	Colour = clear, clarity = flow = low, depth = 0.1	28.8	3.64	192	48	35.6	5.98	4.7
SITE4	14 Jan 2025	6:36:00	Colour = clear, clarity = flow = low, depth = 0.15	26.9	3.14	209	39.2	29.8	5.92	4.2
SITE4	15 Jan 2025	6:45:00	Colour = clear, clarity = flow = low depth = 2	27.2	3.02	205	37.7	31.2	5.58	7.7
SITE4	16 Jan 2025	6:44:00	Colour = clear, clarity = flow = low, depth = .15	27.2	2.95	241	36.4	36.4	5.71	26.7
SITE4	17 Jan 2025	15:45:00	Colour = clear, clarity = clean, flow = good, depth = .15	28	3.91	206.5	50.1	26.9	6.78	5.8
SITE4	18 Jan 2025	7:45:00	Colour = clear, clarity = clean, flow = good, depth = .12	25.3	4.54	226.5	57.3	29.1	6.14	12.2
SITE4	18 Jan 2025	10:04:00	Colour= clear, Depth = .2, Flow = low,	27.4	4.31	207	54.6	24.3	6.02	7.6
SITE4	19 Jan 2025	7:30:00	Colour = slightly dirty, clarity = clear, flow = low-med, depth = .1	26.8	3.59	246.5	43.7	30.8	5.46	17.1
SITE4	20 Jan 2025	9:17:00	Colour = clear, clarity = , flow = low, depth = .15	27.7	3.82	174	48.8	25.1	6.08	4.2
SITE4	21 Jan 2025	7:26:00	Colour = cloudy, clarity = , flow = low, depth = 5-10cm	28.1	3.07	220.8	39.2	36.6	5.53	113.6
SITE4	22 Jan 2025	7:17:00	Colour = cloudy, clarity = , flow = low, depth = .1	27.6	2.66	248	34.1	130	6.29	10.5
SITE4	23 Jan 2025	9:55:00	Colour = clear, clarity = flow = low, depth = .1	29	4	161	52.3	24	6.53	4.9
SITE4	24 Jan 2025	7:50:00	Colour = clear, clarity = clear, flow = steady, depth = .1	28.1	2.47	194.4	52.6	25.5	5.9	5
SITE4	25 Jan 2025	6:45:00	Colour = clear, clarity = flow = low, depth = .01	27	2.49	218	32	37	6.42	4.6
SITE4	26 Jan 2025	8:15:00	Colour = clear, clarity = clear, flow = steady, depth = .01	27.7	2.16	204.2	28.4	22	6.5	4.6
SITE4	27 Jan 2025	8:55:00	Colour = clear, clarity = clear, flow = low, depth = .1	28.1	3.31	197	43	27	6.41	4.4
SITE4	28 Jan 2025	10:50:00	Colour = clear, clarity = flow = ave, depth = .11	32	5.12	200.6	69.9	43	6.68	3
SITE4	29 Jan 2025	11:06:00	Colour = clear, clarity = , flow = good, depth = .13	28.2	5.4	207	61.4	106	6.8	3.6
SITE4	30 Jan 2025	11:02:00	Colour = clear, clarity = , flow = good, depth = .12	30.5	4.56	223.6	61.2	190	6.76	2.8
SITE4	31 Jan 2025	9:05:00	Colour = clear, Clarity = clean, Flow = good, Depth = .1	27.2	3.48	163.9	44	25.9	5.99	3.3
SITES	01 Jan 2025	7:40:00	Colour = clear Clarity = clean, flow = good, depth = .5	30.4	2.82	202.1	36.9	368	6.69	4.9
SITES	02 Jan 2025	7:45:00	Colour = clear, Clarity = clean, flow = good, depth = 0.5	31	2.86	201.8	37.9	367	6.87	3.8
SITES	03 Jan 2025	7:17:00	Colour = clear, clarity = clear, flow = low-med, depth = 0.47	30.1	2.81	187.6	35.7	339	7.02	4.6
SITES	04 Jan 2025	8:10:00	Colour = clear, clarity = clear, flow = low-med, depth = 0.47	30.1	2.8	194.5	35.7	341	7.17	3.1
SITES	05 Jan 2025	7:25:00	Colour = clear, clarity = clear, flow = low-med, depth = .37	30	2.7	187.6	34.4	265	7	3.2
SITES	06 Jan 2025	7:44:00	Colour = clear, Flow = med, Depth = .35	28.6	2.96	135	38.3	233	6.74	2.7
SITES	06 Jan 2025	9:44:00	Colour = clear, clarity = flow = med, depth = 0.35	28.6	2.96	135	38.3	233	6.74	2.7
SITES	07 Jan 2025	7:50:00	Colour = clear, clarity = clear, flow = steady, depth = .4	27.6	3.1	192.6	40.4	239	6.59	3.1
SITES	08 Jan 2025	6:56:00	Colour = clear, clarity = flow = med, depth = 0.36	28.3	2.6	197	33.8	313	6.55	1.9
SITES	09 Jan 2025	7:47:00	Colour = clear, clarity = flow = med, depth = 0.38	28.8	2.76	151	36.4	330	6.69	2.2
SITES	10 Jan 2025	8:05:00	Colour = clear, clarity = clear, flow = steady, depth = .35	28.3	2.84	136.5	35.6	320	6.89	2.3
SITES	11 Jan 2025	9:55:00	Colour = clear - brown bottom, clarity = flow = good - ave, depth = 0.36	30.3	2.38	183.7	40.1	317	6.75	3.1
SITES	12 Jan 2025	9:44:00	Colour = clear - dirty bottom, clarity = flow = ave-good, depth = 0.35	30.3	1.8	176.9	30.4	327	6.63	2.8
SITES	13 Jan 2025	8:42:00	Colour = clear, clarity = flow = low, depth = .29	28.9	2.91	165	37.7	121	6.61	4.1
SITES	14 Jan 2025	6:52:00	Colour = clear, clarity = , flow = low, depth = .18	27.4	2.64	193	33.4	106	6.5	4.2
SITES	15 Jan 2025	7:01:00	Colour = clear, clarity = , flow = low, depth = .19	27.5	2.96	189	38.3	86	6.47	4.9
SITES	16 Jan 2025	6:59:00	Colour = clear, clarity = flow = low, depth = .18	27.7	2.62	208	34.1	91	6.42	4.1
SITES	17 Jan 2025	15:30:00	Colour = clear, clarity = clean, flow = good, depth = .30	27.4	3.9	195.3	48.1	121.6	7.15	5.2
SITES	18 Jan 2025	7:35:00	Colour = light brown, clarity = light brown, flow = good, depth = .39	25.4	3.85	236.9	46.9	279	6.73	26.5
SITES	18 Jan 2025	22:22:00	Colour= clear, Depth = .48, Flow = fast	28.6	3.77	176	49	326	6.85	6.7
SITES	19 Jan 2025	7:43:00	Colour = clear, clarity = clear, flow = med, depth = .45	28.9	3.34	207.2	45	388	6.85	2.1
SITES	20 Jan 2025	9:35:00	Colour = clear, clarity = flow = med, depth = .36	29.1	3.39	150	43.9	343	6.87	2.1
SITES	21 Jan 2025	7:49:00	Colour = clear, clarity = clear, flow = low, depth = .29	27.1	2.62	157.9	34.5	29.2	6.66	3
SITES	22 Jan 2025	7:30:00	Colour = clear, clarity = , flow = low, depth = .28	28.13	3.16	214	41	215	6.83	7.2
SITES	23 Jan 2025	10:15:00	Colour = clear clarity = flow = med, depth = .44	30.6	3.18	130	42.6	354	7.15	3.5
SITES	23 Jan 2025	19:20:00	Colour= clear, Depth= .3,	26.8	2.7	139	34	135	6.96	14.1
SITES	23 Jan 2025	22:15:00	Colour= clear, Flow = med, Depth = .44,	30.6	3.18	130	42.6	354	7.15	3.5
SITES	24 Jan 2025	7:40:00	Colour = clear, clarity = clear, flow = steady, depth = .41	30.2	2.97	197.2	39	366	6.72	1.8
SITES	25 Jan 2025	7:00:00	Colour = clear, clarity = flow = med, depth = .34	28.2	2.26	179	29.6	309	6.94	2.4
SITES	26 Jan 2025	7:55:00	Colour = clear, clarity = clear, flow = steady, depth = .35	29	2.37	160.9	31.6	298	7.1	2
SITES	27 Jan 2025	9:04:00	Colour = clear, clarity = flow = med, depth = .34	29.3	2.9	165	38.4	296	6.97	1.6
SITES	28 Jan 2025	11:06:00	Colour = clear, clarity = , flow = good, depth = .36	31.7	3.12	181.5	43.6	301	6.96	3.4
SITES	29 Jan 2025	11:20:00	Colour = dirty, clarity = flow = good, depth = .42	29.3	3.49	215.8	45.8	257	6.9	7.3
SITES	30 Jan 2025	11:15:00	Colour = clear, clarity = , flow = good, depth = .37	31.3	2.97	214.6	39.9	273	6.94	1.8
SITES	31 Jan 2025	8:55:00	Colour = clear, Clarity = clean, Flow = good, Depth = .38	28.5	2.86	153.3	36.8	274	6.66	2.1
TREAT01	06 Jan 2025	7:54:00	Treating, Colour = clear	29.4	4.05	179	52.6	502	9.25	6.5
TREAT01	13 Jan 2025	9:13:00	Treating, Colour = clear	31.6	3.86	97	52.6	367	9.67	5.5
TREAT01	18 Jan 2025	10:49:00	treating	30.3	3.91	106	52.8	372	9.48	3.5
TREAT01	20 Jan 2025	10:04:00	Treating, Colour = clear	31.2	4.1	78.1	55.4	382	9.17	8.5
TREAT01	23 Jan 2025	10:50:00	treating	31.6	4	20.87	55	380	9.65	5.6
TREAT01	27 Jan 2025	9:30:00	Treating, Colour = clear	32.5	4.58	34.8	63.3	425	9.31	3.1

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. On 18 January 2025 during discharge, the turbidity measured at Site 5 exceeded the trigger values, however turbidity at Site 4 was also exceeded at this time, therefore no non-compliance was recorded.

Site 4 is upstream of the monitoring point at Site 5. During most of the duration of January 2025, 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 during January 2025, indicating that the pH of water discharged from the site via the Site 5 monitoring location was compliance with the WDL177-10 pH limits.

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.

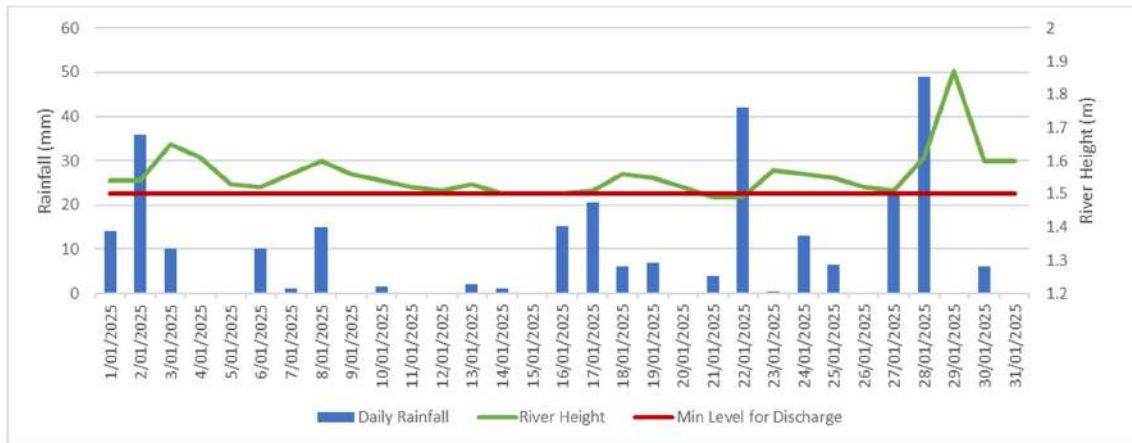


Figure 1 January 2025 rainfall and river height

The metals and inorganics samples were taken in December 2024 and January 2025, however water quality data has not yet been made available by the laboratory for samples taken after 6 January 2025 at the date of writing this report. These data will be provided in the February 2025 monthly discharge report.



Table 2 Laboratory data for December & January 2025

		Inorganics										Metals																								
		Alkalinity (Carbonate 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		
During discharge		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	54	0.07	<0.005	0.003	0.002	1.2	<5	<5	<0.005	<0.005	
COL		67	<20	<20	<20	4.4	7.6	66	230	<5	0.22	<0.05	<0.0002	<0.0002	23	<0.001	<0.001	0.004	0.004	0.008	0.006	0.17	<0.05	0.002	<0.001	41	0.082	0.078	0.005	0.004	1.3	<5	<5	0.006	<0.005	
WD177-10 Trigger Levels										6	0.08	0.0004	0.0004	0.0004	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	0.5	5	5	0.005	0.005	
WD177-10 Triple Trigger Levels										18	0.24	0.0012	0.0012	0.0012	1.5	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	
Location Code	Date																																			
SITE2	02 Dec 2024	84	<20	<20	84	6.2	7.6	240	280	<5	<0.05	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.002	<0.001	0.008	0.005	<0.05	<0.05	0.002	<0.001	54	0.07	<0.005	0.003	0.002	1.2	<5	<5	<0.005	<0.005	
SITE5	02 Dec 2024	71	<20	<20	71	20	8.2	250	300	<5	<0.05	<0.05	<0.0002	<0.0002	25	<0.001	<0.001	0.002	<0.001	0.008	0.005	<0.05	<0.05	0.002	<0.001	57	0.079	<0.005	0.003	0.002	1.2	<5	<5	<0.005	<0.005	
SITE5	02 Dec 2024	210	<20	<20	210	13	24	120	260	<5	<0.05	<0.05	<0.0002	<0.0002	40	<0.001	<0.001	0.003	0.002	0.008	0.006	0.12	<0.05	<0.001	<0.001	39	0.22	0.17	0.005	0.005	1.4	8	6	<0.005	<0.005	
GS200	06 Dec 2024	42	<20	<20	42	3.8	6.5	230	240	7.8	0.55	0.08	0.0004	0.0004	25	<0.001	<0.001	0.13	0.13	0.12	0.067	0.42	0.06	0.002	<0.001	44	0.42	0.42	0.11	0.11	1.5	6	<5	0.19	0.18	
SITE1	06 Dec 2024	<20	<20	<20	<20	1.5	1.4	200	190	31	0.58	0.06	0.0007	0.0007	17	<0.001	<0.001	0.24	0.24	0.26	0.16	0.57	0.23	0.002	<0.001	36	0.97	0.97	0.19	0.19	1.8	10	<5	0.67	0.27	
SITE2	06 Dec 2024	75	<20	<20	75	5	7.5	210	260	<5	0.12	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.003	0.003	0.012	0.012	0.12	<0.05	0.01	<0.001	50	0.087	0.037	0.006	0.006	1.2	<5	<5	0.006	0.007	
SITE4	06 Dec 2024	<20	<20	<20	<20	12	0.9	<5	<5	5.3	1.5	0.08	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.002	0.56	0.1	0.002	<0.001	0.8	0.013	0.01	<0.001	<0.001	1.5	<5	<5	<0.005	<0.005	
SITE5	06 Dec 2024	28	<20	<20	28	4.4	7.6	66	230	<5	0.22	<0.05	<0.0002	<0.0002	23	<0.001	<0.001	0.004	0.004	0.008	0.006	0.17	<0.05	0.002	<0.001	41	0.082	0.078	0.005	0.004	1.3	<5	<5	0.006	<0.005	
SITE5	06 Dec 2024	72	<20	<20	72	4.9	7.6	190	230	<5	0.25	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.004	0.004	0.009	0.006	0.18	<0.05	0.002	<0.001	41	0.083	0.079	0.005	0.005	1.3	<5	<5	0.006	<0.005	
GS200	09 Dec 2024	<20	<20	<20	<20	3.5	4.5	380	350	12	0.53	<0.05	0.0012	0.0012	29	<0.001	<0.001	0.38	0.38	0.31	0.21	0.64	0.07	0.002	<0.001	67	1.5	1.5	0.3	0.3	2.5	16	9	0.99	0.5	
SITE1	09 Dec 2024	<20	<20	<20	<20	2.5	2.2	380	340	7.3	0.52	0.08	0.0011	0.0011	28	<0.001	<0.001	0.39	0.39	0.29	0.25	0.69	0.13	0.001	<0.001	65	1.9	1.9	0.28	0.28	2.2	12	9	0.34	0.34	
SITE2	09 Dec 2024	74	<20	<20	74	4.9	7.7	210	250	<5	0.08	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.009	0.009	0.008	0.008	<0.05	<0.05	0.001	<0.001	46	0.061	0.006	0.003	0.003	1.2	<5	<5	0.006	0.007	
SITE4	09 Dec 2024	<20	<20	<20	<20	3.5	2.3	<5	6.6	5.1	0.29	0.29	<0.0002	<0.0002	0.6	0.002	<0.001	<0.001	<0.001	0.005	0.004	0.18	0.17	0.001	<0.001	1.2	0.021	0.021	<0.001	<0.001	2.1	<5	<5	0.041	0.006	
SITE5	09 Dec 2024	31	<20	<20	31	4.2	8.3	68	82	5.2	0.16	<0.05	<0.0002	<0.0002	10	<0.001	<0.001	0.004	0.004	0.01	0.007	0.49	0.11	0.002	<0.001	14	0.11	0.11	0.005	0.004	1.4	<5	<5	0.43	0.006	
TREAT01	09 Dec 2024	<20	34	<20	34	5	5.8	270	260	6.6	0.07	<0.05	<0.0002	<0.0002	47	<0.001	<0.001	0.021	0.021	0.001	0.066	0.04	0.08	<0.05	0.006	<0.001	33	0.051	0.007	0.014	0.003	1.3	<5	<5	0.4	<0.005
GS200	16 Dec 2024	840	<20	<20	840	4.2	3.8	79	92	<5	0.14	<0.05	<0.0002	<0.0002	8.3	0.002	<0.001	0.046	0.044	0.063	0.033	0.25	<0.05	0.001	<0.001	17	0.19	0.18	0.047	0.048	1.4	<5	<5	0.11	0.064	
SITE1	16 Dec 2024	<20	<20	<20	<20	2.3	2.2	300	120	11	0.36	<0.05	<0.0003	<0.0003	10	0.002	<0.001	0.11	0.11	0.14	0.083	0.53	0.11	0.002	<0.001	23	4.8	4.7	0.087	0.085	2.2	7	<5	0.16	0.1	
SITE2	16 Dec 2024	74	<20	<20	74	4.7	7.2	210	260	<5	<0.05	<0.05	<0.0002	<0.0002	26	0.001	<0.001	0.002	<0.001	0.01	0.007	<0.05	<0.05	0.003	<0.001	47	0.082	0.007	0.003	0.003	1.4	<5	<5	0.055	<0.005	
SITE2	16 Dec 2024	69	<20	<20	69	4.5	7.2	210	260	<5	<0.05	<0.05	<0.0002	<0.0002	26	0.002	<0.001	0.002	<0.001	0.009	0.006	<0.05	<0.05	0.003	<0.001	48	0.11	0.007	0.003	0.003	1.5	<5	<5	0.048	<0.005	
SITE4	16 Dec 2024	850	<20	<20	850	3	2.8	<5	5.3	<5	0.26	0.24	<0.0002	<0.0002	<0.5	0.002	<0.001	<0.001	0.001	0.002	0.002	0.38	0.19	<0.001	<0.001	1.1	0.031	0.028	<0.001	<0.001	1.9	<5	<5	0.039	<0.005	
SITE5	16 Dec 2024	80	<20	<20	80	4.9	9.3	150	220	10	<0.05	<0.05	<0.0002	<0.0002	25	0.001	<0.001	0.002	0.002	0.008	0.006	0.14	<0.05	<0.001	<0.001	38	0.18	0.18	0.003	0.003	2	<5	<5	0.041	<0.005	
SITE5	16 Dec 2024	100	<20	<20	100	4.9	9.5	150	230	<5	<0.05	<0.05	<0.0002	<0.0002	28	0.002	<0.001	0.006	0.006	0.002	0.01	0.006	0.63	<0.05	0.002	<0.001	39	0.28	0.17	0.004	0.003	2.1	<5	<5	0.058	<0.005
GS200	20 Dec 2024	<20	<10	<20	<20	2.2	1.8	32	38	91	0.58	<0.05	<0.0002	<0.0002	4.3	<0.001	<0.001	0.019	0.012	0.06	0.015	1.3	0.097	0.018	<0.001	6.5	0.18	0.09	0.017	0.011	1	<5	<5	0.033	0.015	
SITE1	20 Dec 2024	<20	<10	<20	<20	1.9	0.5	58	53	120	0.83	0.062	<0.0002	<0.0002	4.6	<0.001	<0.001	0.043	0.04	0.17	0.086	0.52	<0.05	0.015	<0.001	10	0.4	0.26	0.039	0.038	0.7	7	<5	0.058	0.053	
SITE2	20 Dec 2024	79	<10	<20	79	5	6.6	210	230	<5	<0.05	<0.05	<0.0002	<0.0002	25	<0.001	0.0014	0.002	<0.001	0.001	0.0094	<0.05	<0.05	0.001	<0.001	41	0.088	0.009	0.004	0.006						



During discharge, three minor non-compliances were recorded for laboratory based results in December 2024.

6 December 2024:	Cu (f)	0.006 mg/L
20 December 2024	Cu(f)	0.0036 mg/L
23 December 2024	Cu(f)	0.005 mg/L

Notes on sample data

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

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

3: On 20 December 2024, Site 5 TSS results exceeded the trigger value, however Site 4 TSS also exceeded the trigger value. As such, no non-compliance was recorded.

4: On 6 January 2025, duplicate samples were taken at Site 5. One sample measured a non-compliance for TSS, whereas the other sample did not. Based on the TSS for all samples taken on this date, it appears that the non-compliance is an outlier and has not been recorded as a non-compliance.



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

Flow meter readings at Site 2.

Discharge was occurring from Site 5 in three events during January 2025.

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

Event 1

Start Date: 31 December 2024

Time start: 08:15 hours

End Date: 12 January 2025

Time End: 22:08 hours

Duration of event: 12 days, 13 hours, 53 mins

Discharge volume: 135,835 m³

Event 2

Start Date: 18 January 2025

Time start: 07:30 hours

End Date: 21 January 2025

Time End: 05:57 hours

Duration of event: 2 days, 22 hours, 27 minutes

Discharge volume: 42,244 m³

Event 3

Start Date: 23 January 2025

Time start: 08:32 hours

Discharge event 3 is ongoing into February 2025, and will be reported in the March 2025 monthly discharge report.



Licence condition 43 - Summary of water inventory.

The Site water inventory as follows:

Total water treated January 2025: **148.8 ML**

Total water discharged January 2025: **178 ML plus ongoing Event 3**

Total water used for dust suppression for January 2025: **377 m³**

Total rainfall for January 2025: **283.4 mm**

Pond name	Gauge Height (1/1/2025)	Gauge Height (31/1/2025)
Sed dam	0.90	0.27
Pit level	55.44	54.45
BSS	1.40	0.73
PAF	1.32	0.83
SP3	0.81	0.67
SRO	1.48	0.97

Licence condition 43 - A summary of any trigger value exceedances for the month.

Three minor exceedances of the WDL trigger values were measured at Site 5 during discharge.

6 December 2024:	Cu (f)	0.006 mg/L
20 December 2024	Cu(f)	0.0036 mg/L
23 December 2024	Cu(f)	0.005 mg/L

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 January 2025. We note that water quality from upstream was significantly lower quality than that discharged from Site 5, and that in some instances, poor upstream water quality influenced the water quality at Site 5, particularly pH and Cu.

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

A handwritten signature in black ink that reads 'GMolloy'.

Greg Molloy

General Manager

Northern Territories Resources Pty Ltd



Our Ref: NTR-ENV-LET-113
3 March 2025

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 2025 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 2025.

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

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 2025 are shown in Table 1.



Table 1 Field monitoring results for February 2025

				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
WDL177-10 Triple Trigger Levels								700	6.5-8.5	
Location Code	Date	Time	Sample Comments							
GS200	03 Feb 2025	8:20:00	Colour = clear, Flow = low, Depth = 1.54	29.4	3.53	209	47.2	216	6.55	6.6
GS200	10 Feb 2025	8:19:00	Colour = Flow = med Depth = 1.85	27.6	3.74	207	47	126	6.63	13.9
GS200	17 Feb 2025	8:54:00	Colour = clear Flow = fast, Depth = 2	27.9	4.07	226	51.4	85.3	6.23	11.4
GS200	24 Feb 2025	8:17:00	Colour = clear Flow = med, Depth = 1.69	28.6	4.07	212	53.1	139	6.48	6.2
SITE1	03 Feb 2025	7:54:00	Colour = clear, Flow = low Depth = .2,	28.6	4.1	200	52.8	201	6.51	6.2
SITE1	10 Feb 2025	7:44:00	Colour = clear, Flow = med, Depth = .25,	27.5	3.97	194	50.2	113	7.03	7.6
SITE1	17 Feb 2025	8:27:00	Colour = clear, Flow = fast, Depth = 1	28.3	4.51	300	57.4	167	4.51	13.3
SITE1	24 Feb 2025	7:46:00	Colour = clear, Flow = med, Depth = .3	28.3	4.09	228	51.9	152	6.27	4.8
SITE2	03 Feb 2025	9:23:00	dam gauge ht = .26, colour =	31.3	3.37	146	46.3	403	7.6	4.4
SITE2	10 Feb 2025	9:14:00	dam gauge ht = .28, colour =	28.9	3.3	168	42.1	341	7.29	7
SITE2	17 Feb 2025	7:52:00	dam gauge ht = .26, colour = clear	29.2	3.87	254	48.8	351	7.02	5.9
SITE2	24 Feb 2025	9:21:00	dam gauge ht = .26, colour = clear	31.7	3.62	141	48.2	307	7.24	5.1
SITE4	01 Feb 2025	8:15:00	Colour= clear, Clarity = clean, Flow= good, Depth= .1	27.6	3.11	179.2	39.7	23.5	5.9	3.5
SITE4	02 Feb 2025	8:45:00	Colour= clear, Clarity = clean, Flow= good, Depth= .1	28.7	2.76	247.6	35.8	24.9	5.99	15.7
SITE4	03 Feb 2025	8:57:00	Colour= clear, Clarity = Flow= low, Depth= .1	28.6	3.83	185	50.9	31.1	5.99	4.2
SITE4	04 Feb 2025	9:00:00	Colour= cloudy, Clarity = cloudy, Flow= med, Depth=.25	23.8	4.06	276.7	48.1	16.4	5.52	30.1
SITE4	05 Feb 2025	8:50:00	Colour= clear, clarity = clear, Flow= low - med, Depth= .1-.15	25.5	3.42	223.6	41.7	25.6	5.58	5.8
SITE4	06 Feb 2025	8:24:00	Colour=clear, Clarity = clear, Flow= low - med, Depth=.1 - .15	25.9	3.94	213.2	46.8	19.37	5.69	4.6
SITE4	07 Feb 2025	7:15:00	Colour= clear, Clarity = clear, Flow= low Depth= .1	26.5	4.07	222.5	48.1	22.4	5.76	3.6
SITE4	08 Feb 2025	7:50:00	Colour = clear, clarity = slight dis, flow = steady, depth = 0.15	26.9	2.95	214.5	37.7	21.5	5.7	34.6
SITE4	09 Feb 2025	7:55:00	Colour = clear, clarity = clear, flow = steady, depth = 0.2	26.9	2.92	237.9	38.2	20.8	5.8	3.9
SITE4	10 Feb 2025	8:49:00	Colour = clear, clarity = flow = med, depth = .2	27	3.21	198	40.1	23.4	6.12	5.9
SITE4	11 Feb 2025	8:15:00	Colour = clear, clarity = clear, flow = steady, depth = 0.2	27.5	2.99	168.8	37	18.11	5.78	4.8
SITE4	12 Feb 2025	9:05:00	Colour = clear, clarity = flow = good, depth = 0.15	28.1	3.27	227	42.8	242	6.49	3.7
SITE4	13 Feb 2025	9:14:00	Colour = clear, clarity = flow = v good, depth = 0.17	26.9	3.07	226.7	49.7	43.6	5.6	4.9
SITE4	14 Feb 2025	9:20:00	Colour = clear, clarity = , flow = v good, depth = 0.15	27.2	3.08	196.2	47.7	23.6	6.16	2.9
SITE4	15 Feb 2025	11:40:00	Colour = clear, clarity = , flow = v good, depth = .15	28.9	3.95	199.3	62	90.4	5.83	3.8
SITE4	16 Feb 2025	8:45:00	Colour = clear, clarity = clean, flow = good, depth = .15	26.6	3.56	219.5	44	18.46	5.99	4.1
SITE4	17 Feb 2025	9:40:00	Colour = clear, clarity = flow = med, depth = .2	28.5	4.35	175	55.6	20.1	6.2	3.4
SITE4	18 Feb 2025	8:00:00	Colour = clear, clarity = clean, flow = good, depth = .2	27.2	3.18	199.3	40.1	18.81	5.75	3.2
SITE4	19 Feb 2025	7:40:00	Colour = clear, clarity = clean, flow = good, depth = .14	27.9	3.01	211.4	38.6	25.9	6.33	3.2
SITE4	20 Feb 2025	7:25:00	Colour = clear, clarity = clear, flow = low - med, depth = .15-.2	26.4	4.19	252.6	41.2	23.8	6.16	3.6
SITE4	21 Feb 2025	7:09:00	Colour = clear, clarity = clear, flow = low, depth = 5-10cm	27.6	4.47	199.9	53.4	25.9	6.16	4.4
SITE4	22 Feb 2025	10:52:00	Colour = clear, clarity = clear, flow = low, depth = .15- 0.2	29.5	5.1	226.4	66.4	17.55	5.24	2.3
SITE4	23 Feb 2025	7:03:00	Colour = clear, clarity = clear, flow = low, depth = .10 - .15	26.4	3.88	213.1	44.3	18.73	5.26	3.2
SITE4	24 Feb 2025	8:53:00	Colour = clear, clarity = , flow = med, depth = .2	27.8	3.85	164	49.2	19	5.95	2.8
SITE4	25 Feb 2025	7:35:00	Colour = clear, clarity = clear, flow = steady, depth = .1	27.3	3.3	68.5	41	23.2	5.66	2.8
SITE4	26 Feb 2025	7:30:00	Colour = clear, clarity = clear, flow = steady, depth = .11	27.2	3.13	193.6	38.6	20.01	5.85	2.4
SITE4	27 Feb 2025	7:15:00	Colour = clear, clarity = clear, flow = steady, depth = .1	27.6	3.16	220.4	39.7	19.6	6.08	3.4
SITE4	28 Feb 2025	11:51:00	Colour = clear, clarity = , flow = ave, depth = .11	31.2	3.99	217.9	66.1	61.8	6.95	3.3
SITE5	01 Feb 2025	8:05:00	Colour = clear Clarity = clean, flow = good, depth = .36	28.9	2.82	184.8	36.4	273	6.68	2.1
SITE5	02 Feb 2025	8:30:00	Colour = clear, Clarity = clean, flow = good, depth = 0.36	29.7	3.37	215.3	44.1	279	6.58	2.3
SITE5	03 Feb 2025	9:12:00	Colour = clear, clarity = flow = med, depth = 0.35	29.6	3.14	158	41.3	267	6.7	2.3
SITE5	04 Feb 2025	9:14:00	Colour = cloudy, clarity = cloudy, flow = med- high, depth = 1.65	24.9	3.88	226.5	49.6	152.7	6.62	51.1
SITE5	05 Feb 2025	9:01:00	Colour = clear, clarity = clear, flow = med - high, depth = 1.53	26.2	3.77	183.4	47.8	223.9	6.78	10.3
SITE5	06 Feb 2025	8:37:00	Colour = clear, clarity = clear, flow = med, depth = 1.46	26.2	3.74	187.6	48.1	171.9	6.62	5.9
SITE5	07 Feb 2025	7:29:00	Colour = clear, clarity = clear, flow = low - med depth = .43	26.9	3.6	196.6	46.4	191.5	6.79	4.3
SITE5	08 Feb 2025	7:40:00	Colour = clear, clarity = clear, flow = steady, depth = 0.44	27.2	3.05	212.5	38.6	184	6.81	4.7
SITE5	09 Feb 2025	7:50:00	Colour = clear, clarity = clear, flow = steady, depth = 0.49	27	2.88	250.6	36.5	165.4	6.72	6.8
SITE5	10 Feb 2025	9:04:00	Colour = clear, clarity = flow = med depth = .46	27.2	3.37	177	42.6	160	6.85	5.2
SITE5	11 Feb 2025	8:00:00	Colour = clear, clarity = clear, flow = steady, depth = 0.45	27.7	3.11	178.7	40.1	161.3	6.5	4.1
SITE5	12 Feb 2025	9:20:00	Colour = clear, clarity = flow = good, depth = 0.42	28.7	2.83	225.5	37.1	163	6.73	4.2
SITE5	13 Feb 2025	9:28:00	Colour = slightly murky, clarity = flow = v good, depth = .46	27.5	2.34	212.8	37.4	143.6	6.58	5.2
SITE5	14 Feb 2025	9:36:00	Colour = clear, clarity = , flow = v good, depth = .46	27.7	2.49	186.6	39.3	176.9	6.75	3.7
SITE5	15 Feb 2025	11:54:00	Colour = clear, clarity = , flow = v good, depth = .48	29	3.42	185.2	54.4	161.9	6.59	7.1
SITE5	16 Feb 2025	8:30:00	Colour = clear, clarity = clear, flow = good, depth = .53	26.6	2.65	230.6	42.6	106.2	6.32	8.8
SITE5	17 Feb 2025	9:56:00	Colour = clear, clarity = flow = med, depth = .48	28.8	4.18	156	53.9	107	6.73	6.4
SITE5	18 Feb 2025	7:50:00	Colour = clear, clarity = clean, flow = good, depth = .49	27.5	3.12	204.1	39.1	120.5	6.26	5.2
SITE5	19 Feb 2025	7:20:00	Colour = clear, clarity = clean, flow = good, depth = .4	28.4	2.86	236.7	36.1	154.2	7.32	2.2
SITE5	20 Feb 2025	7:40:00	Colour = clear, clarity = clear, flow = med - high, depth = 1.57	27	3.22	221.1	40	112.8	6.86	9.4
SITE5	21 Feb 2025	7:22:00	Colour = clear, clarity = clear , flow = low - med, depth = .43	28.4	3.23	184.1	40.1	139.7	6.87	2.6
SITE5	22 Feb 2025	11:05:00	Colour = clear, clarity = clear, flow = med, depth = 1.45	29.4	4.8	175.3	62.4	108.9	6.86	4.6
SITE5	23 Feb 2025	7:17:00	Colour = clear clarity = clear, flow = low-med, depth = .44	26.9	3.83	196.9	48.7	158.8	6.81	3.5
SITE5	24 Feb 2025	9:07:00	Colour = clear, clarity = , flow = med, depth = .42	28.5	3.17	158	40.8	137	6.23	3.1
SITE5	25 Feb 2025	7:25:00	Colour = clear, clarity = clear, flow = steady, depth = .41	28.1	3.5	161.5	46.3	143.7	6.66	3.5
SITE5	26 Feb 2025	7:20:00	Colour = clear, clarity = clear , flow = steady, depth = .4	27.9	3.26	190.6	27.8	151.2	6.65	2.2
SITE5	27 Feb 2025	7:00:00	Colour = clear, clarity = clear, flow = steady, depth = .4	28.7	2.71	198.1	35.2	160.4	6.67	2.1
SITE5	28 Feb 2025	12:05:00	Colour = clear, clarity = , flow = good, depth = .38	31.7	2.72	195.6	49.1	160.6	7.14	3
TREAT01	03 Feb 2025	9:46:00	Treating, Colour = clear	31	3.75	101	50.8	363	9.24	6.4
TREAT01	10 Feb 2025	7:16:00	Treating, Colour = clear	28.3	4.94	163	62.7	360	9.45	4.1
TREAT01	24 Feb 2025	9:35:00	Treating, Colour = clear	32.3	4.11	62	56.1	292	10.1	0.09

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. On 5 & 6 February 2025 during discharge, the turbidity measured at Site 5 exceeded the trigger values, however turbidity at Site 4 on 5 February 2025 also exceeded at this time, therefore no non-compliance was recorded for 5 February 2025. It is likely that turbid water from Site 4 affected the result measured at Site 5 on 6 February 2025.

Site 4 is upstream of the monitoring point at Site 5. During most of the duration of February 2025, 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 during February 2025, indicating that the pH of water discharged from the site via the Site 5 monitoring location was compliance with the WDL177-10 pH limits.

During February 2025 discharge, three minor non-compliances were recorded for field based results in January and February 2025.

16 February 2025:	pH	6.32
18 February 2025:	pH	6.26
24 February 2025:	pH	6.23

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.

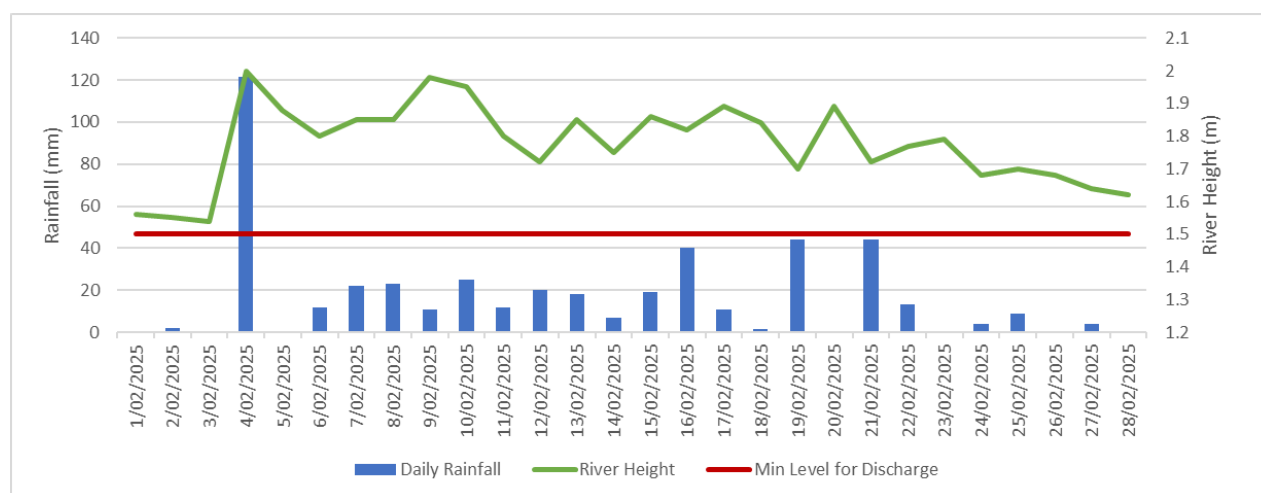


Figure 1 February 2025 rainfall and river height

The metals and inorganics samples were taken in February 2025, however water quality data has not yet been made available by the laboratory for samples taken after 17 February 2025 at the date of writing this report. These data will be provided in the March 2025 monthly discharge report.



Table 2 Laboratory data for January and February 2025

		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 (II+VI)	Chromium (II+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	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	0.001	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
GS200	13 Jan 2025	22	<20	<20	22	1.9	2.8	68	89	<5	0.14	<0.05	<0.0002	<0.0002	6.7	<0.001	<0.001	0.053	0.051	0.068	0.039	0.51	0.06	0.001	<0.001	17	0.15	0.15	0.054	0.053	0.8	<5	<5	0.091	0.083	
SITE1	13 Jan 2025	28	<20	<20	28	2.4	2.8	54	71	<5	0.16	0.05	<0.0002	0.0002	4.8	<0.001	<0.001	0.06	0.056	0.1	0.078	0.41	0.06	0.002	<0.001	16	0.2	0.19	0.045	0.048	0.6	<5	<5	0.061	0.057	
SITE2	13 Jan 2025	44	<20	<20	44	3.3	5.2	170	200	<5	<0.05	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.006	0.002	0.015	0.005	0.1	<0.05	0.007	<0.001	34	0.23	0.15	0.008	0.007	0.8	<5	<5	0.012	<0.005	
SITE4	13 Jan 2025	<20	<20	<20	<20	1.5	2.2	<5	<5	<5	0.06	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	0.001	<0.001	0.004	0.003	0.41	0.17	<0.001	<0.001	0.9	0.014	0.013	<0.001	<0.001	0.7	<5	<5	0.011	<0.005	
SITES	13 Jan 2025	28	<20	<20	28	1.4	3.6	20	39	<5	<0.05	<0.05	<0.0002	<0.0002	4.6	<0.001	<0.001	0.002	0.002	0.007	0.005	0.76	0.18	0.001	<0.001	6.9	0.071	0.066	0.002	0.002	0.6	<5	<5	0.007	<0.005	
SITES	13 Jan 2025	30	<20	<20	30	1.6	3.7	20	40	<5	<0.05	<0.05	<0.0002	<0.0002	4.8	<0.001	<0.001	0.002	0.001	0.007	0.004	0.77	0.16	0.001	<0.001	6.7	0.068	0.064	0.002	0.002	0.6	<5	<5	<0.005	<0.005	
TREAT01	13 Jan 2025	<20	35	<20	38	3.2	3.9	150	170	11	<0.05	<0.05	<0.0002	<0.0002	15	<0.001	<0.001	0.004	<0.001	0.026	0.002	<0.05	<0.05	0.002	<0.001	31	0.005	<0.005	0.004	<0.001	0.8	<5	<5	0.009	<0.005	
GS200	18 Jan 2025	32	<20	<20	32	2.5	3.4	99	110	6.1	0.27	<0.05	<0.0002	<0.0002	9.8	<0.001	<0.001	0.048	0.043	0.078	0.033	0.76	<0.05	0.003	<0.001	20	0.19	0.15	0.048	0.046	0.9	<5	<5	0.1	0.065	
SITE1	18 Jan 2025	28	<20	<20	28	2	2.8	89	100	<5	0.18	<0.05	0.0002	0.0002	6.3	<0.001	<0.001	0.048	0.047	0.069	0.041	0.55	0.08	0.002	<0.001	21	0.18	0.18	0.042	0.041	0.8	<5	<5	0.1	0.056	
SITE 2	18 Jan 2025	46	<20	<20	46	3.3	4.3	170	160	<5	<0.05	<0.05	<0.0002	<0.0002	20	<0.001	<0.001	0.012	0.007	0.015	0.005	0.07	<0.05	0.007	<0.001	28	0.28	0.23	0.016	0.014	0.7	<5	<5	0.027	0.007	
SITE4	18 Jan 2025	<20	<20	<20	<20	1.8	1.6	<5	<5	<5	0.08	0.06	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.002	0.24	0.11	<0.001	<0.001	<0.5	0.01	0.008	<0.001	<0.001	0.7	<5	<5	0.011	<0.005	
SITES	18 Jan 2025	45	<20	<20	45	3.3	4.8	110	130	<5	<0.05	0.06	<0.0002	<0.0002	16	<0.001	<0.001	0.001	0.002	0.004	0.006	<0.05	0.29	<0.001	0.002	22	0.034	0.048	0.002	0.003	0.9	<5	<5	<0.005	0.034	
SITES	18 Jan 2025	46	<20	<20	46	3.2	5	110	130	<5	<0.05	<0.05	<0.0002	<0.0002	17	<0.001	<0.001	0.002	0.001	0.006	0.004	0.27	<0.05	0.002	<0.001	23	0.049	0.034	0.003	0.002	0.9	<5	<5	0.027	<0.005	
TREAT01	18 Jan 2025	<20	30	<20	49	3.3	3.7	150	160	18	<0.05	<0.05	<0.0002	<0.0002	12	<0.001	<0.001	0.015	<0.001	0.092	0.004	0.1	<0.05	0.011	<0.001	31	0.066	<0.005	0.016	0.002	0.8	<5	<5	0.06	<0.005	
GS200	20 Jan 2025	25	<20	<20	25	2.2	3.3	87	100	<5	0.13	<0.05	0.0002	<0.0002	9.6	<0.001	<0.001	0.048	0.045	0.062	0.032	0.42	<0.05	<0.001	<0.001	20	0.15	0.13	0.052	0.049	0.8	<5	<5	0.11	0.071	
SITE1	20 Jan 2025	29	<20	<20	29	2.3	3	71	91	<5	0.33	0.06	0.0002	<0.0002	6.2	<0.001	<0.001	0.051	0.05	0.096	0.056	0.45	<0.05	0.001	<0.001	18	0.2	0.2	0.048	0.048	0.7	<5	<5	0.074	0.064	
SITE2	20 Jan 2025	37	<20	<20	37	3.2	4.9	170	190	<5	<0.05	<0.05	<0.0002	<0.0002	24	<0.001	<0.001	0.024	0.009	0.028	0.005	0.21	<0.05	0.013	<0.001	31	0.46	0.28	0.021	0.016	0.8	<5	<5	0.029	0.008	
SITE4	20 Jan 2025	<20	<20	<20	<20	4.2	2.1	<5	<5	<5	0.07	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.001	0.35	0.12	<0.001	<0.001	0.7	0.011	0.009	<0.001	<0.001	0.7	<5	<5	0.009	<0.005	
SITES	20 Jan 2025	40	<20	<20	40	2.7	4.8	120	140	<5	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.002	0.001	0.005	0.003	0.24	<0.05	<0.001	<0.001	23	0.045	0.038	0.002	0.002	0.7	<5	<5	0.013	<0.005	
SITES	20 Jan 2025	45	<20	<20	45	2.9	4.8	120	140	<5	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.001	<0.001	0.005	0.004	0.24	0.17	<0.001	<0.001	23	0.043	0.02	0.002	0.002	0.7	<5	<5	0.015	<0.005	
TREAT01	20 Jan 2025	<20	35	<20	52	3.6	4	140	170	<5	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	0.007	<0.001	0.018	0.002	0.06	<0.05	0.006	<0.001	35	0.061	<0.005	0.01	0.001	0.8	<5	<5	0.017	<0.005	
GS200	27 Jan 2025	31	<20	<20	31	2.4	11	96																												



During January and February 2025 discharge, three minor non-compliances were recorded for laboratory based results in January and February 2025.

18 January 2025:	Cu (f)	0.004 mg/L
20 January 2025:	Cu (f)	0.004 mg/L
17 February 2025	TSS	7.1 mg/L

Notes on sample data

- 1: Trigger Values only apply to Site 5 during discharge.
- 2: We note that the water quality at GS200, Site 4 and Site 1 is considerably worse than at Site 5, indicating that water quality from the discharge point was having negligible impact on the East Finniss 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 ongoing event during February 2025. Discharge is continuing.

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

Event 1

Start Date: 23 January 2025

Time start: 08:32 hours

Continuing measurement: 28 February 2025 @ 08:22

Duration: 36 days, 23 hours, 50 minutes

Discharge event 1 is ongoing into March 2025.



Licence condition 43 - Summary of water inventory.

The Site water inventory as follows:

Total water treated February 2025: **120.1 ML**

Total water discharged February 2025: **243 ML** (event 23 Jan 2025 to 28 Feb 2025, ongoing)

Total water used for dust suppression for February 2025: **312 m³**

Total rainfall for February 2025: **463 mm**

Pond name	Gauge Height (1/2/2025)	Gauge Height (28/2/2025)
Sed dam	0.27	0.26
Pit level	54.45	55.69
BSS	0.73	0.49
PAF	0.83	0.53
SP3	0.67	0.52
0.52SRO	0.97	0.52

Licence condition 43 - A summary of any trigger value exceedances for the month.

Six minor exceedances of the WDL trigger values were measured at Site 5 during discharge.

16 February 2025: pH 6.32

18 February 2025: pH 6.26

24 February 2025: pH 6.23

18 January 2025: Cu (f) 0.004 mg/L

20 January 2025: Cu (f) 0.004 mg/L

17 February 2025 TSS 7.1 mg/L

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 January and February 2025. We note that water quality from upstream was significantly lower quality than that discharged from Site 5, and that in some instances, poor upstream water quality influenced the water quality at Site 5, particularly pH, Cu and TSS.

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

A handwritten signature in black ink that reads 'GMolloy'.

Greg Molloy

General Manager

Northern Territories Resources Pty Ltd



Our Ref: NTR-ENV-LET-113
7 April 2025

NT Environmental Protection Authority
Environmental Authorisations
c/- Venkata Padamata / Vamshidhar Lamkala

Email: waste@nt.gov.au

Dear Venkata and Vamshidhar

WDL 177-10 – March 2025 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 2025.

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

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 2025 are shown in Table 1.



Table 1 Field monitoring results for March 2025

				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
GS200	03 Mar 2025	8:09:00	Colour = clear Flow = med, Depth = 1.59	30	3.56	250	47	179	6.83	5
GS200	10 Mar 2025	8:42:00	Colour = clear Flow = med, Depth = 1.59	30	4.19	211	55.2	189	7.05	11.2
GS200	17 Mar 2025	8:45:00	Colour = clear Flow = med, Depth = 1.65	30.3	6.26	195	83.6	132	6.96	6.62
GS200	24 Mar 2025	8:30:00	Colour = Flow = med, Depth = 1.75	28.6	5.13	183	66.8	112	6.82	5.51
GS200	31 Mar 2025	8:40:00	Colour = Flow = med, Depth = 1.69	28.3	5.84	269	75.9	122	6.93	4.66
SITE1	03 Mar 2025	7:46:00	Colour = clear, Flow = low, Depth = .25	29.7	3.95	256	50.9	185	6.96	5.6
SITE1	10 Mar 2025	8:18:00	Colour = clear, Flow = med, Depth = .2	28.7	3.77	205	48.1	208	7.05	17.6
SITE1	17 Mar 2025	8:20:00	Colour = clear, Flow = low, Depth = .3	28.4	6.42	196	83.5	129	7.15	6.75
SITE1	24 Mar 2025	8:04:00	Colour = clear, Flow = med, Depth = .2	27.8	5.38	180	69.4	110	6.9	4.87
SITE1	31 Mar 2025	8:10:00	Colour = clear, Flow = med, Depth = .25	27.7	5.96	268	76.7	161	6.88	5.43
SITE2	03 Mar 2025	9:19:00	dam gauge ht = .26, colour = clear	32.6	3.14	175	43.7	321	7.4	4.3
SITE2	10 Mar 2025	9:49:00	dam gauge ht = .26, colour = clear	32.3	3.45	157	47.1	348	7.72	4.4
SITE2	17 Mar 2025	10:01:00	dam gauge ht = .26, colour = clear	31.9	5.75	148	78.4	300	7.62	2.77
SITE2	24 Mar 2025	9:59:00	dam gauge ht = .26, colour = clear	29.9	5.27	135	69.8	296	7.48	2.05
SITE2	31 Mar 2025	9:53:00	dam gauge ht = .28, colour = clear	30.2	5.62	180	75	274	7.51	1.81
Site4	01 Mar 2025	8:40:00	Colour= clear, Clarity = Flow= ave, Depth= .11	27.7	2.57	236	39.1	29.8	6.57	2.8
Site4	02 Mar 2025	9:20:00	Colour= clear, Clarity = Flow= ave, Depth= .1	28.5	3.4	276.5	49	98.3	6.56	2.9
Site4	03 Mar 2025	8:51:00	Colour= clear, Clarity = Flow= low, Depth= .15	28.6	3.48	199	45.2	24.5	6.14	3.5
Site4	04 Mar 2025	8:20:00	Colour= clear, Clarity = clean, Flow= good, Depth=.15	28.2	3.25	236.1	42.3	20.2	6.07	3.2
Site4	05 Mar 2025	8:15:00	Colour= clear, clarity = clear, Flow= good, Depth= .1	28.1	2.94	255	37.7	22.3	5.81	3.33
Site4	06 Mar 2025	8:00:00	Colour=clear, Clarity = clean, Flow= good, Depth=.1	28.6	3.02	238.4	39.6	22.51	5.97	3.3
Site4	07 Mar 2025	8:20:00	Colour= clear, Clarity = clean, Flow= good, Depth= .01	27.2	3.12	245.6	39	21.82	6.15	4.1
Site4	08 Mar 2025	7:34:00	Colour = clear, clarity = clear, flow = low, depth = 0.1	26.9	3.52	253.6	44.8	23.4	6.1	3.2
Site4	09 Mar 2025	7:11:00	Colour = clear, clarity = clear, flow = low depth = 0.1	27.3	2.99	251.7	38.6	25.5	6.13	5.1
Site4	10 Mar 2025	9:25:00	Colour = clear, clarity = flow = low, depth = .1	28.9	3.71	185	48.1	22.7	6.23	3.2
Site4	11 Mar 2025	8:29:00	Colour = clear, clarity = clear, flow = low, depth = 0.1	28.2	3.34	239.3	43.1	34.8	6.12	3.9
Site4	12 Mar 2025	7:15:00	Colour = clear, clarity = clear, flow = steady, depth = 0.1	27	3.85	219.7	45.7	22.6	6.11	4.5
Site4	13 Mar 2025	7:00:00	Colour = clear, clarity = slightly disc, flow = steady, depth = 0.15	27	3.57	238.7	43.3	19.92	5.94	7.6
Site4	14 Mar 2025	6:55:00	Colour = clear, clarity = clear, flow = steady, depth = 0.1	28.2	3.44	225.3	43.9	24	6.2	3.7
Site4	15 Mar 2025	7:10:00	Colour = clear, clarity = clear, flow = steady, depth = .1	26.8	3.3	238.5	41.1	21.44	6.14	4.1
Site4	16 Mar 2025	13:41:00	Colour = clear, clarity = flow = good, depth = .11	34.7	3.58	231.3	61.9	63.6	6.59	3.6
Site4	17 Mar 2025	9:30:00	Colour = clear, clarity = flow = med, depth = .2	28.4	5.69	183	73.3	20	6.55	3.24
Site4	18 Mar 2025	11:06:00	Colour = clear, clarity = flow = good, depth = .11	30.23	0.17	227.1	82.4	19	7.23	3.47
Site4	19 Mar 2025	9:00:00	Colour = clear, clarity = flow = good, depth = .11	27.97	5.35	292.6	69.2	19	6.74	2.98
Site4	20 Mar 2025	8:30:00	Colour = clear, clarity = clean, flow = good, depth = .1	27.5	5.1	230.3	65.4	20	6.83	2.59
Site4	21 Mar 2025	8:15:00	Colour = clear, clarity = clean, flow = good, depth = .1	27.2	5.17	222.8	66.5	25	7.32	2.76
Site4	22 Mar 2025	8:45:00	Colour = clear, clarity = clean, flow = good, depth = .12	27.6	5.32	221.8	68.3	19	7.12	3.34
Site4	23 Mar 2025	8:45:00	Colour = clear, clarity = clean, flow = good, depth = .12	27.2	5.76	188.9	73.9	18	7.12	7.26
Site4	24 Mar 2025	9:19:00	Colour = clear, clarity = , flow = med, depth = .2	28.1	4.86	171	61.6	25	6.48	4.15
Site4	25 Mar 2025	8:43:00	Colour = clear, clarity = clear, flow = low-med, depth = 10-15cm	27.4	3.85	248.2	58.2	41.8	6.22	6.4
Site4	26 Mar 2025	7:01:00	Colour = clear, clarity = clear, flow = low-med, depth = 10-15cm	26.8	4.22	237.5	52.1	23.4	6.41	4.1
Site4	27 Mar 2025	7:08:00	Colour = clear, clarity = clear, flow = low-med, depth = 10-15cm	27.2	3.61	233.4	43.9	21.74	6.55	3.9
Site4	28 Mar 2025	7:20:00	Colour = clear, clarity = clear , flow = steady, depth = .15	27.4	4.53	217.3	57	21.1	6.63	4.5
Site4	29 Mar 2025	7:31:00	Colour = clear, clarity = clear , flow = steady, depth = .15	27.6	3.69	220.6	47.1	20.59	6.7	4.7
Site4	30 Mar 2025	7:20:00	Colour = clear, clarity = clear , flow = steady, depth = .46	27.4	3.6	270.5	46.7	20.45	6.42	5.5
Site4	31 Mar 2025	9:23:00	Colour = clear, clarity = clear , flow = steady, depth = .25	27.9	5.58	215	72	27	6.44	3.4
Site5	01 Mar 2025	8:54:00	Colour = clear Clarity = flow = ave, depth = .37	29	2.17	197.5	38.1	157.7	7.22	3.4
Site5	02 Mar 2025	9:35:00	Colour = clear, dirty bottom, Clarity = flow = ave, depth = 0.37	29.9	2.58	230.3	43.7	184.3	7.02	3.1
Site5	03 Mar 2025	9:07:00	Colour = clear, Flow = med, Depth = .36	29.8	3.02	183	39.4	177	6.67	2.3
Site5	03 Mar 2025	9:08:00	Colour = clear, clarity = flow = med, depth = 0.36	29.8	3.02	183	39.4	177	6.67	2.3
Site5	04 Mar 2025	8:00:00	Colour = clear, clarity = clean, flow = good, depth = .38	29.7	2.57	230.6	334	197	6.35	3
Site5	05 Mar 2025	8:00:00	Colour = clear, clarity = clear, flow = good, depth = .35	29.2	2.69	243.1	34.5	180.9	6.71	2.3
Site5	06 Mar 2025	7:45:00	Colour = clear, clarity = clean, flow = good, depth = .35	30	2.61	237.8	34.3	202	6.77	2.3
Site5	07 Mar 2025	8:05:00	Colour = clear, clarity = clear, flow = good, depth = .35	28.7	2.58	234.2	32.9	204.9	6.67	2.5
Site5	08 Mar 2025	7:49:00	Colour = clear, clarity = clear, flow = low-med, depth = 0.33	27.8	3.87	218.3	46.4	165.9	6.76	2.5
Site5	09 Mar 2025	7:23:00	Colour = clear, clarity = clear, flow = low-med, depth = 0.34	28.7	3.86	226.1	42.1	207.1	6.77	2.2
Site5	10 Mar 2025	9:36:00	Colour = clear, clarity = flow = med depth = .35	29.7	3.19	169	41.9	228	7.23	3.2
Site5	11 Mar 2025	8:42:00	Colour = clear, clarity = clear, flow = low-med, depth = 0.34	29.7	3.39	201.5	43.2	233.1	7	3.3
Site5	12 Mar 2025	7:05:00	Colour = clear, clarity = clear, flow = steady, depth = 0.4	28.3	3.43	213.7	45.2	213.8	6.81	6.8
Site5	13 Mar 2025	6:50:00	Colour = clear, clarity = slightly disc, flow = fast, depth = .6	27.5	3.39	245.5	42.6	147.2	6.72	5.5
Site5	14 Mar 2025	6:45:00	Colour = clear, clarity = clear , flow = steady, depth = .4	29.1	3.66	219.7	48.4	188.1	6.82	3.2
Site5	15 Mar 2025	6:55:00	Colour = clear, clarity = clear, flow = steady, depth = .45	27.3	3.19	230.1	40	156.7	6.75	5.5
Site5	16 Mar 2025	13:55:00	Colour = clear, clarity = clear, flow = v good, depth = .42	31.4	3.32	219.8	56.1	172.5	7.02	5.2
Site5	17 Mar 2025	9:45:00	Colour = clear, clarity = flow = med, depth = .38	28.5	4.94	170	64.1	120	6.91	3.12
Site5	18 Mar 2025	11:23:00	Colour = clear, clarity = flow = good, depth = .42	30.96	5.21	224.8	69.9	140	6.85	5.15
Site5	19 Mar 2025	9:17:00	Colour = clear, clarity = flow = good, depth = .39	29.07	4.82	214.6	63.4	153	6.82	2.72
Site5	20 Mar 2025	8:15:00	Colour = clear, clarity = clean, flow = good, depth = .43	28	5.21	208	67.5	168	7.11	3.33
Site5	21 Mar 2025	8:05:00	Colour = clear, clarity = clean , flow = good, depth = .41	27.7	5.12	223.3	65.8	341	6.95	3
Site5	22 Mar 2025	8:30:00	Colour = clear, clarity = clean, flow = good, depth = .49	27.9	5.34	213.8	69.3	169	7	6.76
Site5	23 Mar 2025	8:30:00	Colour = clear, clarity = clean, flow = good, depth = .49	27.7	5.13	184.6	66.4	173	6.97	3.71
Site5	24 Mar 2025	9:46:00	Colour = clear, clarity = , flow = med, depth = .41	28.2	4.57	159	59.1	66	6.85	3.19
Site5	25 Mar 2025	8:57:00	Colour = clear, clarity = clear, flow = low-med, depth = .46	27.9	4.21	217.8	55.1	150.9	6.61	4.8
Site5	26 Mar 2025	7:15:00	Colour = clear, clarity = clear , flow = low-med, depth = .45	27.3	3.74	215.9	48.2	143.5	7.05	4.5
Site5	27 Mar 2025	7:23:00	Colour = clear, clarity = clear, flow = low-med, depth = .43	27.7	3.77	209.3	49.2	142.6	7.08	4
Site5	28 Mar 2025	7:05:00	Colour = clear, clarity = clear , flow = steady, depth = .45	27.2	3.91	200.4	47	161.3	7.15	4.1
Site5	29 Mar 2025	7:31:00	Colour = clear, clarity = clear , flow = steady, depth = .41	28	3.31	227.9	41	149.3	7.31	5.1
Site5	30 Mar 2025	7:10:00	Colour = clear, clarity = clear , flow = steady, depth = .15	27.6	3.14	335.2	39.3	152.9	7.02	5.7
Site5	31 Mar 2025	9:40:00	Colour = clear, clarity = clear , flow = steady, depth = .43	28.4	5.53	201	69.2	132	6.89	2.67
TREAT01	03 Mar 2025	9:34:00	Treating, Colour = clear	33.4	4.04	137	56.1	326	9.18	6.5
TREAT01	10 Mar 2025	10:07:00	Treating, Colour = clear	31.5	3.75	131	50.8	312	9.62	9.8
TREAT01	17 Mar 2025	8:20:00	Treating, Colour = clear	31	5.45	41.5	73.4	357	10.18	14.1
TREAT01	31 Mar 2025	10:08:00	Treating	30.1	5.61	104	75	267	9.44	8.41

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.

Site 4 is upstream of the monitoring point at Site 5. During most of the duration of March 2025, pH at Site 4 was less than or equal the discharge limit of pH 6.5 (at Site 5), 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 during March 2025, indicating that the pH of water discharged from the site via the Site 5 monitoring location was compliance with the WDL177-10 pH limits.

During March 2025 discharge, one minor non-compliances were recorded for field based results in March 2025.

4 March 2025: pH 6.35

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.

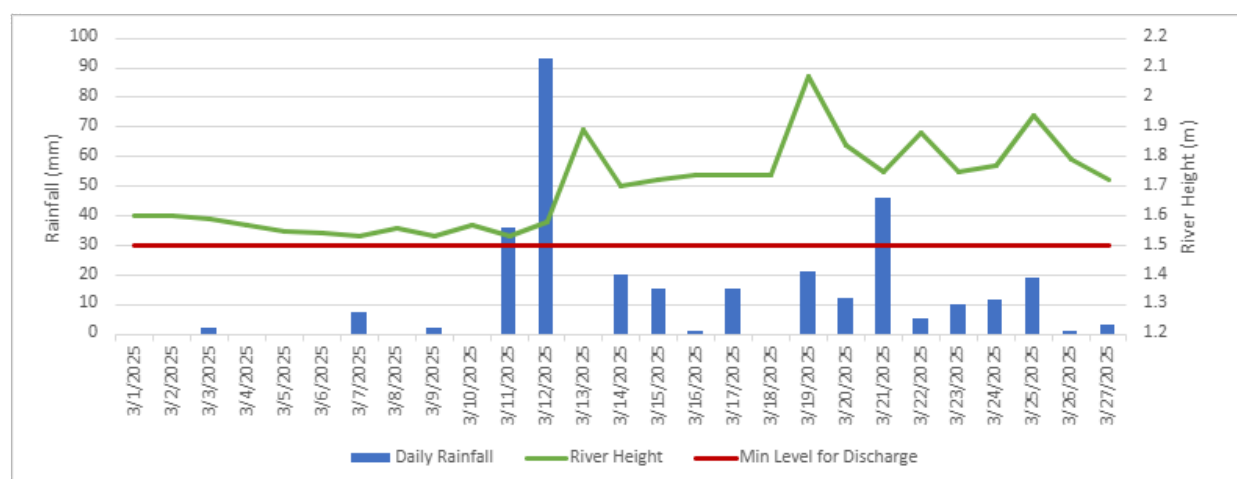


Figure 1 March 2025 rainfall and river height

The metals and inorganics samples were taken in March 2025, however water quality data has not yet been made available by the laboratory for samples taken after 10 March 2025 at the date of writing this report. These data will be provided in the April 2025 monthly discharge report.



Table 2 Laboratory data for March 2025

	During discharge	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 (II+VI)	Chromium (II+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	0.5	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	24 Feb 2025	<20	<20	<20	<20	1.4	2.8	45	55	<5	0.13	<0.05	<0.0002	<0.0002	4.9	<0.001	<0.001	0.033	0.031	0.061	0.038	0.31	<0.05	<0.001	<0.001	10	0.1	0.091	0.029	0.028	1.4	<5	<5	0.14	0.043
SITE1	24 Feb 2025	21	<20	<20	21	1.2	2.7	47	60	8.4	0.14	<0.05	<0.0002	<0.0002	4.8	<0.001	<0.001	0.031	0.031	0.08	0.056	0.26	0.05	<0.001	<0.001	12	0.084	0.085	0.026	0.026	1.3	<5	<5	0.15	0.05
SITE2	24 Feb 2025	37	<20	<20	37	2.4	4.8	110	140	<5	<0.05	<0.05	<0.0002	<0.0002	21	<0.001	<0.001	0.005	<0.001	0.012	0.003	0.07	<0.05	0.007	<0.001	22	0.067	0.011	0.007	0.006	1.3	<5	<5	0.11	<0.005
SITE4	24 Feb 2025	<20	<20	<20	<20	<1	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	0.2	0.09	<0.001	<0.001	0.6	0.006	0.005	<0.001	<0.001	1.5	<5	<5	0.11	<0.005
SITES	24 Feb 2025	27	<20	<20	27	2.3	3.5	38	57	<5	<0.05	<0.05	<0.0002	<0.0002	7	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.28	0.08	<0.001	<0.001	9.7	0.02	0.019	<0.001	<0.001	1.2	<5	<5	0.086	<0.005
SITES	24 Feb 2025	27	<20	<20	27	1.4	3.6	37	59	<5	<0.05	<0.05	<0.0002	<0.0002	7.1	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.28	0.07	<0.001	<0.001	9.9	0.021	0.019	<0.001	<0.001	1.3	<5	<5	0.1	<0.005
TREAT01	24 Feb 2025	<20	22	<20	33	2.3	2.7	93	130	8.3	<0.05	<0.05	<0.0002	<0.0002	33	<0.001	<0.001	0.011	<0.001	0.076	<0.001	<0.05	<0.05	0.023	0.007	10	0.015	<0.005	0.007	<0.001	1.2	<5	<5	0.12	<0.005
GS200	03 Mar 2025	23	<20	<20	23	1.2	3.7	53	84	<5	0.18	<0.05	<0.0002	<0.0002	7.4	<0.001	<0.001	0.046	0.045	0.08	0.043	0.39	<0.05	0.001	<0.001	16	0.14	0.14	0.043	0.043	0.6	<5	<5	0.15	0.059
SITE1	03 Mar 2025	22	<20	<20	22	1.6	3.3	57	91	<5	0.24	0.07	0.0002	0.0002	6.8	<0.001	<0.001	0.045	0.045	0.1	0.063	0.31	<0.05	0.001	<0.001	18	0.12	0.12	0.038	0.04	0.6	<5	<5	0.13	0.061
SITE2	03 Mar 2025	47	<20	<20	47	2.5	5.8	110	180	<5	<0.05	<0.05	<0.0002	<0.0002	25	<0.001	<0.001	0.004	<0.001	0.014	0.005	0.08	<0.05	0.007	<0.001	28	0.05	<0.005	0.007	0.006	0.6	<5	<5	0.082	0.007
SITE4	03 Mar 2025	<20	<20	<20	<20	<1	2.4	<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	0.24	0.09	<0.001	<0.001	0.6	0.006	<0.005	<0.001	<0.001	0.6	<5	<5	0.07	<0.005
SITES	03 Mar 2025	34	<20	<20	34	1.5	4.6	49	89	<5	<0.05	<0.05	<0.0002	<0.0002	12	<0.001	<0.001	<0.001	<0.001	0.003	0.003	0.33	0.29	<0.001	<0.001	14	0.025	0.022	<0.001	<0.001	0.5	<5	<5	<0.005	<0.005
SITES	03 Mar 2025	36	<20	<20	36	1.6	4.5	50	86	<5	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	<0.001	<0.001	0.003	0.003	0.33	0.26	<0.001	<0.001	14	0.024	0.023	0.001	<0.001	0.5	<5	<5	<0.005	<0.005
TREAT01	03 Mar 2025	<20	46	<20	49	3.9	5.5	120	180	25	0.15	<0.05	<0.0002	<0.0002	27	<0.001	<0.001	0.055	<0.001	0.19	0.003	0.12	<0.05	0.023	<0.001	29	0.16	<0.005	0.042	0.003	0.9	<5	<5	0.14	<0.005
GS200	10 Mar 2025	23	<20	<20	23	1.6	4.4	52	79	9.2	0.18	<0.05	<0.0002	<0.0002	6.5	<0.001	<0.001	0.036	0.034	0.059	0.025	0.48	<0.05	0.002	<0.001	15	0.14	0.13	0.035	0.034	0.7	<5	<5	0.052	0.04
SITE1	10 Mar 2025	23	<20	<20	23	1.7	4.6	55	91	30	0.31	<0.05	<0.0002	<0.0002	7	<0.001	<0.001	0.052	0.051	0.079	0.036	0.74	<0.05	0.004	<0.001	18	0.18	0.18	0.04	0.039	0.8	6	<5	0.066	0.047
SITE2	10 Mar 2025	58	<20	<20	58	3	6	110	46	<5	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.004	<0.001	0.013	0.005	0.06	<0.05	0.007	<0.001	32	0.048	<0.005	0.005	0.004	0.6	<5	<5	0.02	<0.005
SITE4	10 Mar 2025	<20	<20	<20	<20	1.1	2.7	<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	0.21	0.08	<0.001	<0.001	0.6	0.006	<0.005	<0.001	<0.001	0.6	<5	<5	0.01	<0.005
SITES	10 Mar 2025	35	<20	<20	35	2.7	4.9	61	110	<5	<0.05	<0.05	<0.0002	<0.0002	14	<0.001	<0.001	<0.001	<0.001	0.003	0.002	0.29	0.06	<0.001	<0.001	19	0.042	0.037	0.001	0.001	0.5	<5	<5	0.007	<0.005
SITES	10 Mar 2025	44	<20	<20	44	3.1	5.1	64	110	<5	<0.05	<0.05	<0.0002	<0.0002	14	<0.001	<0.001	<0.001	<0.001	0.003	0.002	0.28	<0.05	<0.001	<0.001	19	0.041	0.035	0.001	<0.001	0.6	<5	<5	0.008	<0.005
TREAT01	10 Mar 2025	<20	47	<20	66	3.3	4.5	94	170	12	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	0.008	0.008	0.035	0.035	0.12	0.09	0.009	0.006	35	0.043	0.044	0.014	0.012	0.6	<5	<5	0.02	0.016



During March 2025 discharge, one minor non-compliance was recorded for laboratory based results in March 2025.

3 March 2025: Cu (f) 0.003 mg/L

Notes on sample data

- 1: Trigger Values only apply to Site 5 during discharge.
- 2: We note that the water quality at GS200, Site 4 and Site 1 is considerably worse than at Site 5, indicating that water quality from the discharge point was having negligible impact on the East Finniss 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 ongoing event during March 2025. Discharge is continuing.

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

Event 1

Start Date: 28 February 2025

Time start: 08:22 hours

Continuing measurement: 31 March 2025 @ 16:09

Duration: 31 days, 7 hours, 37 minutes

Discharge event 1 is ongoing into April 2025.



Licence condition 43 - Summary of water inventory.

The Site water inventory as follows:

Total water treated March 2025: **120.4 ML**

Total water discharged March 2025: **183 ML**

Total water used for dust suppression for March 2025: **188 m³**

Total rainfall for March 2025: **320 mm**

Pond name	Gauge Height (28/2/2025)	Gauge Height (27/3/2025)
Sed dam	0.26	0.27
Pit level	55.69	55.81
BSS	0.49	0.57
PAF	0.53	0.88
SP3	0.52	0.80
SRO	0.52	1.00

Licence condition 43 - A summary of any trigger value exceedances for the month.

Two minor exceedances of the WDL trigger values were measured at Site 5 during discharge.

4 March 2025:	pH	6.35
3 March 2025:	Cu (f)	0.003 mg/L

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 2025. We note that water quality from upstream was significantly lower quality than that discharged from Site 5, and that in some instances, poor upstream water quality influenced the water quality at Site 5, particularly pH, Cu and TSS.

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

A handwritten signature in black ink that reads 'GMolloy'.

Greg Molloy

General Manager

Northern Territories Resources Pty Ltd



Our Ref: NTR-ENV-LET-114
6 May 2025

NT Environmental Protection Authority
Environmental Authorisations
c/- Venkata Padamata / Vamshidhar Lamkala

Email: waste@nt.gov.au

Dear Venkata and Vamshidhar

WDL 177-10 – April 2025 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 2025.

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

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 2025 are shown in Table 1.



Table 1 Field monitoring results for April 2025

				Field						Inorganics
				Temperature (Field)	DO (Field)	Redox Potential (Field)	DO % Saturation (Field)	Electrical Conductivity (Field)	pH (Field)	Turbidity (Lab)
	During discharge			°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	07 Apr 2025	9:11:00	Colour = Flow = med, De	29.5	6.41	216	83.7	128	7.04	5.52
GS200	14 Apr 2025	8:16:00	Colour = Flow = med, De	28.4	5.78	218	75.1	123	7.07	4.92
GS200	21 Apr 2025	8:20:00	Colour = clear, Flow = me	28.31	6.24	221	81	166	7.09	5.34
GS200	28 Apr 2025	8:31:00	Colour = clear, Flow = lo	27.2	5.35	198	67.9	221	7.16	7.65
SITE1	07 Apr 2025	8:48:00	Colour = clear, Flow = me	28.3	6.84	250	88	123	6.94	7.1
SITE1	14 Apr 2025	7:43:00	Colour = clear, Flow = LO	27.8	5.8	212	75.2	131	7.16	4.61
SITE1	21 Apr 2025	7:57:00	Colour = clear, Flow = lo	27.5	6.49	206	83	170	7.26	5.49
SITE1	28 Apr 2025	8:16:00	Colour = clear, Flow = lo	27	5.37	185	68.4	245	7.39	9.31
SITE2	07 Apr 2025	10:12:00	dam gauge ht = .27, colou	31.8	6.11	147	82.4	302	7.66	1.7
SITE2	14 Apr 2025	9:17:00	dam gauge ht = .27, colou	30.8	5.32	137	71.5	270	7.56	2.16
SITE2	21 Apr 2025	9:17:00	dam gauge ht = .27, colou	30.2	6.22	165	82.9	326	7.51	2.02
SITE2	28 Apr 2025	9:38:00	dam gauge ht = .27, colou	28.8	5.22	173	68	330	7.45	2.2
SITE4	01 Apr 2025	10:03:00	Colour= clear, Clarity = F	27.9	6.11	305.9	78.7	44	6.95	2.74
SITE4	02 Apr 2025	11:11:00	Colour= clear, Clarity = F	30	5.37	214.4	69.5	201.8	6.82	4.7
SITE4	03 Apr 2025	11:30:00	Colour= clear, Clarity = F	30.1	4.22	211.4	66.5	40.2	6.57	1.9
SITE4	04 Apr 2025	11:50:00	Colour= clear, Clarity = F	31.03	8.78	242.3	117.5	38.1	6.68	2.84
SITE4	05 Apr 2025	7:50:00	Colour= clear, clarity = cl	26.4	5.46	213.9	69.5	19	7.43	3.62
SITE4	06 Apr 2025	8:25:00	Colour=clear, Clarity = cl	27	5.36	251.9	68.1	23	7.05	3.16
SITE4	07 Apr 2025	8:15:00	Colour= clear, Clarity = F	26.6	6.04	239	75.8	22	7.3	3.76
SITE4	08 Apr 2025	8:20:00	Colour = clear, clarity = c	27.1	3.68	208.7	44.6	29.6	6.35	2.8
SITE4	09 Apr 2025	7:32:00	Colour = clear, clarity = cl	26.5	3.77	237.5	46.4	22.1	6.23	1
SITE4	10 Apr 2025	7:18:00	Colour = clear, clarity = c	26.6	3.41	239.6	46.1	22.7	6.25	1.2
SITE4	11 Apr 2025	8:05:00	Colour = clear, clarity = c	26.9	3.42	245.5	41.7	29.1	6.31	2
SITE4	12 Apr 2025	8:23:00	Colour = clear, clarity = cl	27	4.07	281.2	47.2	26.6	6.28	1.4
SITE4	13 Apr 2025	7:25:00	Colour = clear, clarity = c	27.5	3.5	244.7	36.7	36.5	6.35	2.8
SITE4	14 Apr 2025	8:50:00	Colour = clear, clarity =	27.5	5	185	63.8	19	6.46	5.37
SITE4	15 Apr 2025	7:25:00	Colour = clear, clarity = c	27.1	3.29	187.2	43.97	20.68	6.61	3.7
SITE4	16 Apr 2025	7:15:00	Colour = clear, clarity = cl	27.1	2.91	218.9	36.5	21.9	6.4	4.2
SITE4	17 Apr 2025	9:03:00	Colour = clear, clarity =	26.59	4.75	283.9	59.9	51	6.47	3.05
SITE4	18 Apr 2025	8:53:00	Colour = clear, clarity = f	27.16	4.75	275.8	60.6	29	6.63	4.34
SITE4	19 Apr 2025	7:42:00	Colour = clear, clarity =	26.42	4.7	277	59.1	24	6.49	3.85
SITE4	20 Apr 2025	7:48:00	Colour = clear, clarity = f	26.46	4.51	258.8	56.7	42	6.51	3.74
SITE4	21 Apr 2025	8:52:00	Colour = clarity = flow =	27.2	6.07	216	75	23	6.32	3.84
SITE4	22 Apr 2025	8:25:00	Colour = clear, clarity = cl	27.2	4.93	256.4	63.9	26	6.67	4.6
SITE4	23 Apr 2025	8:00:00	Colour = clear, clarity = cl	25.2	5.8	191.4	70.9	20	7.13	4.4
SITE4	24 Apr 2025	7:55:00	Colour = clear, clarity = c	22.9	5.27	203.9	62.3	21	6.61	3.62
SITE4	25 Apr 2025	7:33:00	Colour = clear, clarity = c	24	3.83	269.6	41.5	26.5	6.32	4
SITE4	26 Apr 2025	7:04:00	Colour = clear, clarity = cl	24.9	3.49	278.3	39.2	27.4	6.39	4
SITE4	27 Apr 2025	7:02:00	Colour = clear, clarity = c	25.5	3.19	272.4	37.7	25.4	6.42	3.7
SITE4	28 Apr 2025	9:10:00	Colour = clear, clarity = , f	26.3	4.35	223	54.1	18	6.19	3.54
SITE4	29 Apr 2025	6:57:00	Colour = clear, clarity = ,	25.1	4.49	285	55.1	15	6.58	4.14
SITE4	30 Apr 2025	7:35:00	Colour = clear, clarity = cl	23.6	2.98	245.9	35.2	30.1	6.39	4.2
SITE5	01 Apr 2025	10:19:00	Colour = clear Clarity = fl	28.1	5.37	296.6	69.6	150	6.81	2.64
SITE5	02 Apr 2025	11:26:00	Colour = clear, Clarity =	29.6	3.56	202.1	57.7	152.9	7.21	4.2
SITE5	03 Apr 2025	11:45:00	Colour = clear, clarity = f	29.8	3.24	202.4	51.7	178.2	6.86	1.7
SITE5	04 Apr 2025	12:10:00	Colour = clear, clarity = f	30.45	5.46	231.1	72.6	147	6.91	2.64
SITE5	05 Apr 2025	7:40:00	Colour = clear, clarity = cl	27.2	5.23	213.6	66.6	409	6.86	3.8
SITE5	06 Apr 2025	8:15:00	Colour = clear, clarity = c	27.6	5.2	235.6	68	196	6.89	3.05
SITE5	07 Apr 2025	9:59:00	Colour = clear, clarity = f	29.6	5.34	166	69.2	165	6.99	2.6
SITE5	08 Apr 2025	8:10:00	Colour = clear, clarity = c	27.5	2.29	205.3	36.3	208.1	6.88	8.3
SITE5	09 Apr 2025	7:47:00	Colour = clear, clarity = c	27.8	3.48	198	42.8	169.9	7.04	0.8
SITE5	10 Apr 2025	7:33:00	Colour = clear, clarity = c	27.3	3.51	199.5	44.5	172.3	6.88	1.1
SITE5	11 Apr 2025	8:19:00	Colour = clear, clarity = cl	27.5	3.01	191.7	36.2	169.3	7.01	0.06
SITE5	12 Apr 2025	8:37:00	Colour = clear, clarity = cl	27.6	3.8	239.1	48.8	174.3	7	4.1
SITE5	13 Apr 2025	7:15:00	Colour = clear, clarity = c	27.9	2.99	245	37.2	209.1	7.02	1.4
SITE5	14 Apr 2025	9:06:00	Colour = clear, clarity = ,	28.7	4.78	165	62.3	147	6.92	2.96
SITE5	15 Apr 2025	7:10:00	Colour = clear, clarity = c	28	3.39	163.5	43.2	207	7.18	2.6
SITE5	16 Apr 2025	7:00:00	Colour = clear, clarity = cl	27.9	3.24	207.5	40.2	192.9	7.15	6.7
SITE5	17 Apr 2025	9:19:00	Colour = clear, clarity =	27.75	4.51	228.2	57.8	81	6.92	2.83
SITE5	18 Apr 2025	9:10:00	Colour = clear, clarity = f	28.18	4.49	237.4	58.1	84	6.92	3.28
SITE5	19 Apr 2025	8:00:00	Colour = clear, clarity = f	27.59	4.59	233.5	58.9	100	6.9	2.89
SITE5	20 Apr 2025	8:03:00	Colour = clear, clarity = f	27.54	4.54	226.7	58.5	185	6.88	3.03
SITE5	21 Apr 2025	9:06:00	Colour = clear, clarity = f	27.9	5.21	184	67	180	6.89	3.69
SITE5	22 Apr 2025	8:15:00	Colour = clear, clarity = cl	28.5	4.95	216.4	64.4	321	7.03	5.16
SITE5	23 Apr 2025	7:50:00	Colour = clear, clarity = c	26.7	5.49	167.4	69.4	220	6.93	3.19
SITE5	24 Apr 2025	7:45:00	Colour = clear, clarity = cl	24.6	14.43	152.5	175.9	227	7.09	3.63
SITE5	25 Apr 2025	7:47:00	Colour = clear, clarity = c	25	3.69	213.4	47.2	247	7.24	4.7
SITE5	26 Apr 2025	7:19:00	Colour = clear, clarity = cl	25.7	3.7	222.4	46.2	249	7.18	3.1
SITE5	27 Apr 2025	7:17:00	Colour = clear, clarity =	26.5	3.32	223.2	40.8	255	7.3	2.9
SITE5	28 Apr 2025	9:26:00	Colour = clear, clarity = ,	26.6	4.08	195	51.1	137	6.78	7.05
SITE5	29 Apr 2025	7:09:00	Colour = clear, clarity = ,	25.6	4.05	275	50.1	97	6.75	6.96
SITE5	30 Apr 2025	7:10:00	Colour = clear, clarity = cl	24.7	3.52	251.8	41.9	113.8	6.94	6.7
TREAT01	07 Apr 2025	7:43:00	Treating colour = clear	29.4	6.38	109	84.3	290	9.47	11.5
TREAT01	14 Apr 2025	9:30:00	Treating colour = clear	30.2	5.38	56	71.6	258	9.6	6.71
TREAT01	21 Apr 2025	9:30:00	Treating, colour =	30.1	5.98	86.6	79.8	309	9.52	23.7
TREAT01	28 Apr 2025	9:56:00	Treating, colour = clear	28.7	5.02	99	65.1	329	9.54	17.7

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.

Site 4 is upstream of the monitoring point at Site 5. During most of the duration of April 2025, pH at Site 4 was less than or equal the discharge limit of pH 6.5 (at Site 5), 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 during April 2025, indicating that the pH of water discharged from the site via the Site 5 monitoring location was compliance with the WDL177-10 pH limits.

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.

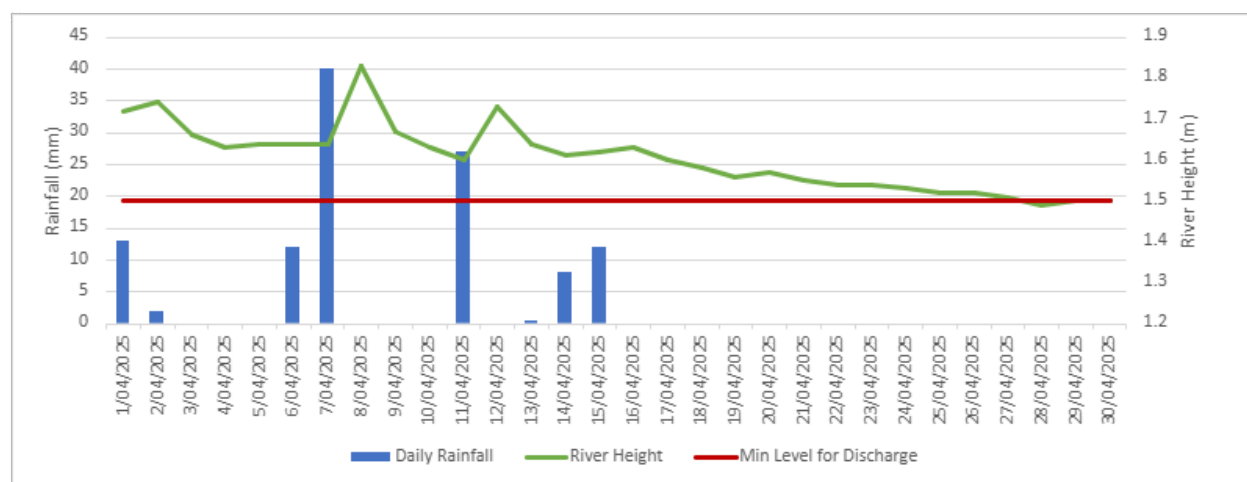


Figure 1 April 2025 rainfall and river height

The metals and inorganics samples were taken in April 2025, however water quality data has not yet been made available by the laboratory for samples taken after 7 April 2025 at the date of writing this report. These data will be provided in the Annual Report.



Table 2 Laboratory data for April 2025

	During discharge	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 (II+VI)	Chromium (II+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	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	mg/L	mg/L	
EQL		20	20	20	20	1	0.5	5	5	5	0.05	0.05	0.0002	0.5	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	1	1	0.5	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					6.6			2.5	0.013							0.015	
WDL177-10 Triple Trigger Levels										18	0.24	0.0012			0.018	0.039		0.0075					19.8			7.5	0.039							0.045	
GS200	17 Mar 2025	<20	<10	<20	<20	2.6	2.8	40	50	<5	0.11	<0.05	<0.0002	<0.0002	4.2	<0.001	<0.001	0.024	0.022	0.044	0.027	0.26	<0.05	<1	<1	9.5	0.093	0.078	0.026	0.026	0.7	<5	<5	0.032	0.031
SITE 1	17 Mar 2025	<20	<10	<20	<20	1.5	2.5	37	49	<5	0.2	0.05	<0.0002	<0.0002	3.5	<0.001	<0.001	0.023	0.023	0.056	0.033	0.26	<0.05	<1	<1	9.6	0.082	0.082	0.021	0.021	0.7	<5	<5	0.034	0.03
SITE 2	17 Mar 2025	43	<10	<20	43	3.3	4	100	140	<5	<0.05	<0.05	<0.0002	<0.0002	15	<0.001	<0.001	0.002	<0.001	0.009	0.005	0.06	<0.05	4	<1	24	0.032	<0.005	0.005	0.004	0.7	<5	<5	0.005	0.005
SITE 4	17 Mar 2025	<20	<10	<20	<20	1.3	1.9	<5	<5	<5	<0.05	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.002	0.001	0.22	0.08	<1	<1	0.8	0.006	0.005	<0.001	<0.001	0.7	<5	<5	<0.005	<0.005
Site 5	17 Mar 2025	28	<10	<20	28	2	3.4	41	62	<5	<0.05	<0.05	<0.0002	<0.0002	6.5	<0.001	<0.001	<0.001	<0.001	0.003	0.002	0.3	<0.05	<1	<1	11	0.023	0.021	0.001	<0.001	0.7	<5	<5	<0.005	<0.005
Site 5	17 Mar 2025	29	<10	<20	29	1.8	3.3	41	62	<5	<0.05	<0.05	<0.0002	<0.0002	6.6	<0.001	<0.001	<0.001	<0.001	0.003	0.002	0.26	<0.05	<1	<1	11	0.023	0.022	<0.001	<0.001	0.6	<5	<5	<0.005	<0.005
TREAT01	17 Mar 2025	<20	16	<20	26	2.5	2.7	130	150	<5	0.16	<0.05	0.0002	<0.0002	42	<0.001	<0.001	0.075	<0.001	0.56	0.003	0.09	<0.05	53	5	10	0.071	<0.005	0.055	<0.001	0.7	<5	<5	0.075	<0.005
GS200	24 Mar 2025	<20	<20	<20	<20	2.5	3.1	35	48	<5	0.12	<0.05	<0.0002	<0.0002	4.6	<0.001	<0.001	0.024	0.021	0.052	0.032	0.28	0.05	<1	<1	8.8	0.1	0.082	0.028	0.025	<0.5	<5	<5	0.038	0.029
SITE1	24 Mar 2025	20	<20	<20	20	5.8	2.7	35	46	<5	0.23	0.06	<0.0002	<0.0002	4.1	<0.001	<0.001	0.022	0.022	0.066	0.042	0.26	<0.05	1	<1	8.6	0.082	0.081	0.024	0.021	<0.5	<5	<5	0.044	0.032
SITE2	24 Mar 2025	46	<20	<20	46	3.2	4.4	110	150	<5	<0.05	<0.05	<0.0002	<0.0002	19	<0.001	<0.001	0.002	<0.001	0.008	0.004	<0.05	<0.05	4	<1	24	0.034	<0.005	0.007	0.004	<0.5	<5	<5	0.017	<0.005
SITE4	24 Mar 2025	<20	<20	<20	<20	2.7	2.1	<5	<5	<5	0.07	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	0.001	<0.001	0.008	0.003	0.22	0.08	2	<1	0.8	0.008	0.005	0.001	<0.001	0.5	<5	<5	<0.005	<0.005
SITES	24 Mar 2025	32	<20	<20	32	2.4	3.6	31	53	<5	<0.05	<0.05	<0.0002	<0.0002	6.5	0.001	<0.001	<0.001	<0.001	0.002	0.001	0.31	0.05	<1	<1	9	0.024	0.02	0.003	<0.001	<0.5	<5	<5	0.015	<0.005
SITES	24 Mar 2025	-	-	-	-	2.3	3.7	31	53	<5	<0.05	<0.05	<0.0002	<0.0002	6	0.003	<0.001	<0.001	<0.001	0.003	0.002	0.33	<0.05	2	<1	9.2	0.025	0.02	0.002	<0.001	<0.5	<5	<5	0.044	<0.005
GS200	31 Mar 2025	<20	<20	<20	<20	1.5	2.9	40	54	<5	0.15	<0.05	<0.0002	<0.0002	5.1	<0.001	<0.001	0.032	0.032	0.068	0.042	0.3	<0.05	<1	<1	10	0.1	0.098	0.031	0.031	1.5	<5	<5	0.041	0.04
SITE1	31 Mar 2025	<20	<20	<20	<20	1.9	2.5	40	53	<5	0.28	<0.05	<0.0002	<0.0002	4	<0.001	<0.001	0.034	0.033	0.11	0.063	0.28	<0.05	1	<1	11	0.1	0.097	0.03	0.029	1.4	<5	<5	0.048	0.044
SITE2	31 Mar 2025	48	<20	<20	48	2.3	4.6	110	150	<5	<0.05	<0.05	<0.0002	<0.0002	17	<0.001	<0.001	0.002	<0.001	0.009	0.005	<0.05	<0.05	3	<1	25	0.029	<0.005	0.004	0.004	1.5	<5	<5	0.005	<0.005
SITE4	31 Mar 2025	<20	<20	<20	<20	2.4	1.7	<5	<5	<5	0.06	<0.05	<0.0002	<0.0002	<0.5	<0.001	<0.001	<0.001	<0.001	0.004	0.002	0.2	0.07	1	<1	0.6	0.005	<0.005	<0.001	<0.001	0.7	<5	<5	<0.005	<0.005
SITES	31 Mar 2025	31	<20	<20	31	2	4	38	67	<5	<0.05	<0.05	<0.0002	<0.0002	7	<0.001	<0.001	<0.001	<0.001	0.003	0.003	0.29	<0.05	<1	<1	12	0.025	0.021	<0.001	<0.001	1.6	<5	<5	<0.005	<0.005
SITES	31 Mar 2025	34	<20	<20	34	4.4	3.8	39	66	<5	<0.05	<0.05	<0.0002	<0.0002	7.6	<0.001	<0.001	<0.001	<0.001	0.003	0.002	0.28	<0.05	<1	<1	11	0.024	0.02	<0.001	<0.001	1.6	<5	<5	<0.005	<0.005
TREAT01	31 Mar 2025	<20	51	<20	60	2.6	4.3	98	160	6.6	<0.05	<0.05	<0.0002	<0.0002	12	<0.001	<0.001	0.006	<0.001	0.031	0.003	0.06	<0.05	6	<1	31	0.029	<0.005	0.011	0.004	1.9	<5	<5	0.016	<0.005
GS200	07 Apr 2025	25	<20	<20	25	2	3.3	42	56	<5	0.15	<0.05	<0.0002	<0.0002	5.1	<0.001	<0.001	0.033	0.031	0.064	0.033	0.32	<0.05	<1	<1	11	0.11	0.097	0.032	0.031	1.3	<5	<5	0.041	0.037
SITE1	07 Apr 2025	23	<20	<20	23	1.9	2.8	43	58	20	0.27	0.05	<0.0002	<0.0002	4.4	<0.001	0.001	0.032	0.031	0.094	0.05	0.26	<0.05	2	<1	11	0.1	0.1	0.027	0.028	1.3	<5	<5	0.042	0.038
SITE2	07 Apr 2025	60	<20	<20	60	2.7	5.1	120	160	<5	<0.05	<0.05	<0.0002	<0.0002	18	<0.001	<0.001	0.002	<0.001	0.008	0.004	0.05	<0.05	3	<1	27	0.024	<0.005	0.004	0.003	1.3	<5	<5	<0.005	0.007
SITE4	07 Apr 2025	<20	<20	<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	0.19	0.07	<1	<1	0.7	<0.005	<0.005	<0.001	<0.001	1.5	<5	<5	<0.005	<0.005
SITES	07 Apr 2025	41	<20	<20	41	1.9	5	46	81	<5	<0.05	<0.05	<0.0002	<0.0002	9.5	<0.001	<0.001	0.001	0.001	0.002	<0.001	0.26	<0.05	5	<1	14	0.032	0.029	0.001	0.001	1.6	<5	<5	<0.005	<0.005
SITES	07 Apr 2025	44	<20	<20	44	1.8	3.9	46	80	<5	<0.05	<0.05	<0.0002	<0.0002	9.1	<0.001	<0.001	0.001	0.004	0.002	0.007	0.26	<0.05	<1	<1	14	0.031	0.036	0.001	0.002	1.2	<5	<5	<0.005	<0.005
TREAT01	07 Apr 2025	<20	67	<20	83	11	3.7	100	160	<5	<0.05	<0.05	<0.0002	<0.0002	11	<0.001	<0.001	0.003	<0.001	0.016	0.002	0.06	<0.05	4	<1	32	0.026	<0.005	0.011	0.005	1.2	<5	<5	0.015	<0.005



Notes on sample data

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

2: We note that the water quality at GS200, Site 4 and Site 1 is considerably worse than at Site 5, indicating that water quality from the discharge point was having negligible impact on the East Finniss 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 ongoing event during April 2025.

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

Event 1

Start Date: 31 March 2025

Time start: 16:09 hours

Finish date: 28 April 2025

Finish time: 06:12 hours

Duration: 27 days, 14 hours, 03 minutes

Discharge volume: 149,216 m³



Licence condition 43 - Summary of water inventory.

The Site water inventory as follows:

Total water treated April 2025: **139.2 ML**

Total water discharged April 2025: **149 ML**

Total water used for dust suppression for April 2025: **641 m³**

Total rainfall for April 2025: **115 mm**

Pond name	Gauge Height (27/3/2025)	Gauge Height (30/4/2025)
Sed dam	0.27	0.33
Pit level	55.81	55.12
BSS	0.57	0.44
PAF	0.88	0.45
SP3	0.80	0.54
SRO	1.00	0.76

Licence condition 43 - A summary of any trigger value exceedances for the month.

Nil

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 2025. We note that water quality from upstream was significantly lower quality than that discharged from Site 5, and that in some instances, poor upstream water quality influenced the water quality at Site 5, particularly pH, and Cu.

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

A handwritten signature in black ink that reads "GMolloy".

Greg Molloy

General Manager

Northern Territories Resources Pty Ltd

APPENDIX H – 2024/25 INVESTIGATION REPORTS

December 2024 Exceedance Investigation

1. An investigation in regard to exceedances identified in the discharge event that occurred in December 2024. 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 470mm of rainfall during the December 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 1 February 2025 when compiling laboratory and field parameter water quality data for the January 2025 monthly discharge report
4. Three Cu(f) non-compliances were recorded. The exceedances are small and attributed to poor quality water flowing from Site 1.
5. Monitoring data from Site 1 and GS200 show that upstream water quality at is generally very poor, with high concentrations of dissolved copper, cobalt, nickel and zinc. No environmental harm would be attributed to the small exceedances of the WDL177-10 discharge criteria at Site 5.

Exceedances

Date	Exceedance	Comments
6 December 2024 20 December 2024 23 December 2024	Cu (f) 0.006 mg/L Cu(f) 0.0036 mg/L Cu(f) 0.005 mg/L	Poor quality water with high Cu concentrations measured at Site 1 and GS200 at same time.

January & February 2025 Exceedance Investigation

1. An investigation in regard to exceedances identified in the discharge event that occurred in January and February 2025. 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 470mm of rainfall during the January and February 2025 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 28 February 2025 when compiling laboratory and field parameter water quality data for the February 2025 monthly discharge report
4. Two Cu(f) non-compliances were recorded. One TSS non-compliances were recorded. Three pH non-compliances were recorded. The exceedances are small and attributed to poor quality water flowing from Site 1.
5. Monitoring data from Site 1 and GS200 show that upstream water quality at is generally very poor, with high concentrations of dissolved copper, cobalt, nickel and zinc. No environmental harm would be attributed to the small exceedances of the WDL177-10 discharge criteria at Site 5.

Exceedances

Date	Exceedance	Comments
18 and 20 January 2025	Cu (f) 0.004 mg/L Cu(f) 0.004 mg/L	Poor quality water with high Cu concentrations measured at Site 1 and GS200 at same time.
17 February 2025	TSS 7.1 mg/L	NA
16, 18 and 23 February 2025	pH 6.32 pH 6.26 pH 6.23	Poor quality water with high Cu concentrations measured at Site 1, Site 4 and GS200 at same time.

March 2025 Exceedance Investigation

1. An investigation in regard to exceedances identified in the discharge event that occurred in March 2025. 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 320mm of rainfall during the March 2025 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 5 April 2025 when compiling laboratory and field parameter water quality data for the March 2025 monthly discharge report
4. One Cu(f) non-compliances were recorded. One pH non-compliances were recorded. The exceedances are small and attributed to poor quality water flowing from Site 1.
5. Monitoring data from Site 1 and GS200 show that upstream water quality at is generally very poor, with high concentrations of dissolved copper, cobalt, nickel and zinc. No environmental harm would be attributed to the small exceedances of the WDL177-10 discharge criteria at Site 5.

Exceedances

Date	Exceedance	Comments
3 March 2025	Cu (f) 0.003 mg/L	Poor quality water with high Cu concentrations measured at Site 1 and GS200 at same time.
4 March 2025	pH 6.35	Poor quality water with high Cu concentrations measured at Site 1, Site 4 and GS200 at same time.