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Baseline Water Quality Report

Snowy 2.0 Transmission Connection Project

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Acronyms and abbreviations

ANZG	Australian and New Zealand Guidelines for Fresh and Marine Water Quality (the Guidelines)
BTEXN	Benzene, toluene, ethylbenzene, xylene, naphthalene
CEMP	Construction environmental management plan
DGV	Default guideline values
DO%	Dissolved Oxygen (%)
DPE	Department of Planning and Environment (NSW)
DPI	NSW Department of Primary Industries
D/s	Downstream
DSS	Digital sampling system
EC	Electrical conductivity
EIS	Environmental Impact Statement
EPA	NSW Environment Protection Authority
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i> (NSW)
FGJV	Future Generation Joint Venture
ha	hectares
KFH	Key Fish Habitat
km	kilometres
Kv	kilovolts
KNP	Kosciuszko National Park
L	Litre
LOR	Limit of reporting (laboratory)
m	metres
mg	milligrams

MW	megawatts
NEM	National Energy Market
NPWS	National Parks and Wildlife Service
NSW	New South Wales
NWQMS	National Water Quality Management Strategy
POEO Act	<i>Protection of the Environment Operations Act 1997</i>
ppm	parts per million
QA	Quality Assurance
QC	Quality Control
SPC	Specific conductance
SSGV	Site specific guideline value
SWMP	Soil and Water Management Plan
SWMS	Safe Work Method Statement
TARP	Trigger Action Response Plan
TDS	Total dissolved solids
TRH	Total recoverable hydrocarbons
TSS	Total suspended solids
U/s	Upstream
WQO	Water Quality Objectives
WSP	Water sharing plans

1. Introduction

1.1. Context

In 2020 Snowy Hydro Limited (Snowy Hydro) obtained approval (application number SSI 9208 and EPBC 2018/8322) to expand the existing Snowy Mountains Hydro-electric Scheme (Snowy Scheme), by linking the existing Tantangara and Talbingo reservoirs through a series of underground tunnels and constructing a new underground hydro-electric power station (referred to as 'Snowy 2.0').

To connect Snowy 2.0 to the National Energy Market (NEM), a new transmission connection is required. NSW Electricity Networks Operations Pty Ltd as a trustee for NSW Electricity Operations Trust (known as TransGrid and the Proponent) will construct a substation and overhead transmission lines (the Project) to facilitate the connection of Snowy 2.0 to the existing electrical transmission network. The western extent of the Project location is approximately 27 kilometres (km) east of Tumbarumba, New South Wales (NSW). UGL has been engaged on behalf of the Proponent to undertake the Project.

The pre-construction water quality monitoring addresses certain requirement of the Environmental Impact Statement (EIS) (Jacobs, 2020) that was prepared by the Proponent under Part 5, Division 5.2 of the NSW *Environmental Planning and Assessment Act 1979* for the Project. As appropriate, it also responds to the Amendment Report (Transgrid, 2021b) that was submitted with the Response to Submissions (Transgrid, 2021a) to the Department of Planning and Environment (DPE) with updated mitigation measures for the Project.

The objective of the pre-construction surface water quality monitoring was to collect baseline data prior to Project construction works. Baseline data is compared to the Guidelines for Fresh and Marine Water Quality (ANZG, 2018) (the Guidelines) to characterise the existing surface water quality, as well as the water quality objectives (WQO) for the Project area, refer to Section 2.1.

Baseline data identifies the natural variability of water quality in each waterway. Baseline data will be used to derive Project specific water quality objectives and used as comparison data throughout construction and operation of the Project. Construction and operation monitoring data will be compared to the baseline data to characterise any changes in water quality that may be associated with the Project and to inform an appropriate response (refer Trigger Action Response Plans (TARPs) in Appendix D of the SWMP) as identified in the Pre-construction Water Quality Monitoring Program and Methodology ((NGH, 2022); the Program).

Two years of baseline data collection began in March 2022 with Event 1 and was completed in February 2024 with Event 24. Construction of the Project commenced in March 2024 following approval of the Construction Environmental Management Plan and subplans.

1.1.1. Pre-construction program and methodology

The Pre-construction Water Quality Monitoring Program and Methodology (the Program) (NGH, 2022) was prepared to address the requirements of the Project EIS (Jacobs, 2020), Response to Submissions (Transgrid, 2021a) and Amendment Report (Transgrid, 2021b). The Program and pre-construction water quality monitoring addresses the mitigation measures that came from the Amendment Report (Transgrid

2021b) and the Soil and Water Management Plan (UGL, 2023), refer to Table 1-1 of the Program (NGH, 2022).

The Program (NGH, 2022) details the Water Quality Objectives (WQOs) for the Project, the location of the monitoring locations and the methodology for water sampling. The Program (NGH, 2022) was prepared in consultation with the NSW Environment Protection Authority (EPA).

The Project area within Kosciuszko National Park (KNP) is an area of high conservation value. Therefore, the water quality objectives for physical and chemical stressors includes **no change beyond natural variability** (ANZG 2018). The Default Guideline Values (DGV) for Upland Rivers has been provided for physical and chemical stressors and is detailed in the Program (NGH, 2022).

The location of the sampling points in relation to the Project footprint is provided in Figure 1-1. Refer to Appendix A for current aerial imagery and the sampling locations.

1.1.2. Purpose and objectives

The purpose of this report is to present the results from the 24 months of sampling at the 12 monitoring locations, and characterise the background water quality through the presentation of figures (Section 4) and statistical summary of the data (Section 5). The monitoring locations included three reference sites and nine sites that are located within the Project footprint.

One objective of this report is to provide site specific guideline values (SSGVs) for the three reference sites and to set Project specific WQOs. Another objective is to show natural variability for the monitoring locations within the Project footprint, some of which are not already impacted by the Snowy Scheme.

1.2. Consultation

Consultation with the NSW EPA on the findings of the baseline water quality water monitoring will occur. Preliminary comments were received from the NSW EPA via Transgrid and UGL on Wednesday 22 May 2024. This report has been amended to address comments from the NSW EPA.

Consultation with the NSW EPA occurred via a meeting on the 3 July 2024 where feedback on the derived Site-Specific Guideline values was discussed. A further consultation meeting with the NSW EPA occurred on 18 November 2024. The report was updated following final consultation, which was predominantly focused on confirmation of the use of the median values of the water quality dataset as the Site-Specific Guideline value instead of using value at the 80th percentile.

1.3. Limitations

Due to dispatching delays with the Water Quality Meter, a Dissolved Oxygen (%) and Specific Conductance reading could not be taken for Event 13

Results for Ammonia, Reactive Phosphorous and Total Hardness were included in the Water Quality Monitoring Program from Event 12 onwards. Therefore, readings prior to Event 11 have not been included in this report for those parameters.

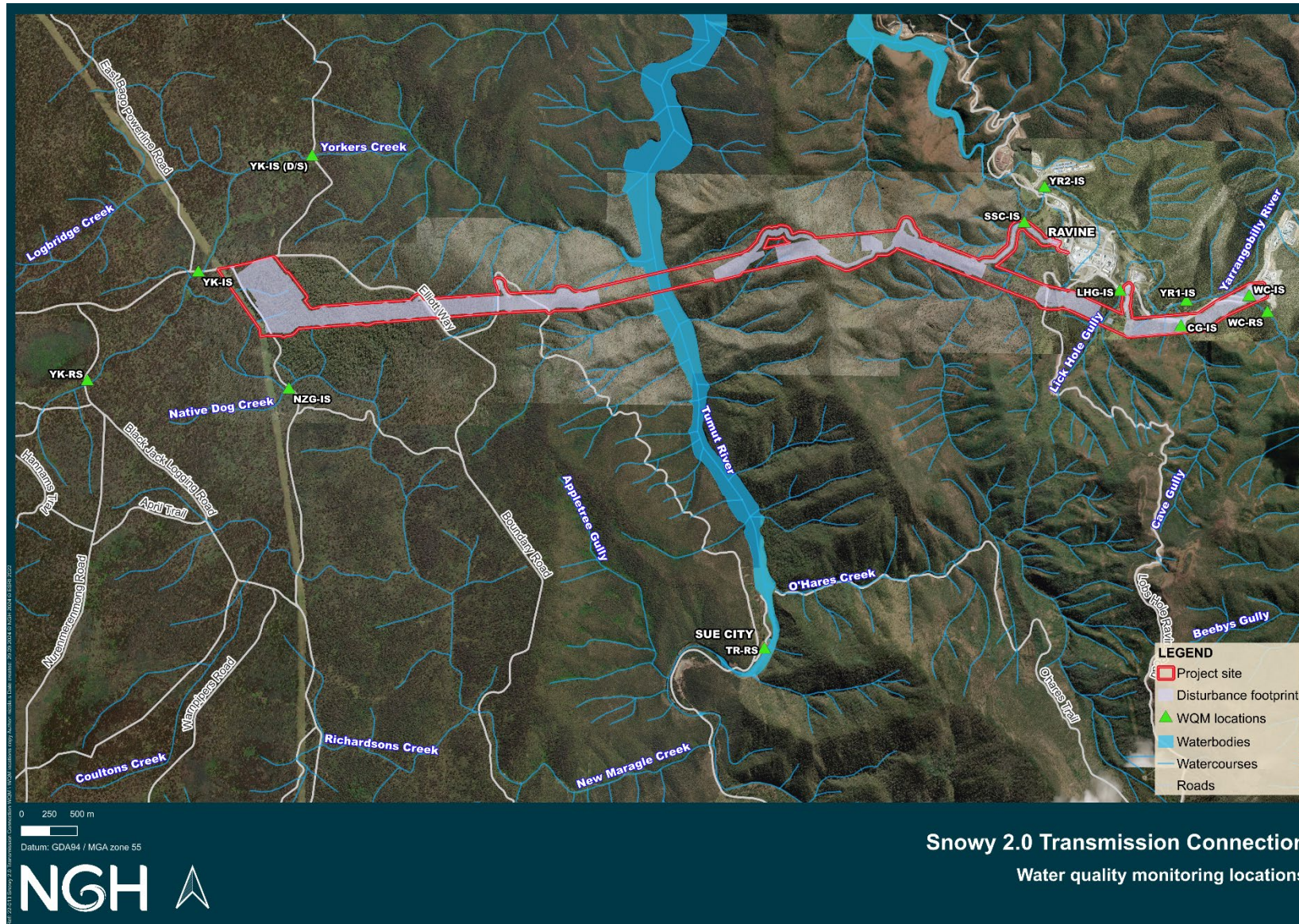


Figure 1-1 Surface water quality monitoring locations

2. Water quality

2.1. Water quality objectives

The surface water quality objectives for the receiving waters adjacent to the Project are provided in Table 2-1. The Project area within Kosciuszko National Park is an area of high conservation value. Therefore, the water quality objectives for physical and chemical stressors includes **no change beyond natural variability** (ANZG, 2018). The DGV for physical and chemical stressors in Upland Rivers are also included in Table 2-1, as well as the DGV for toxicants for 95% and 99% species protection level. The field shaded in grey represents trigger values applying to typical slightly – moderately disturbed systems (ANZG, 2018).

The guideline values for 99% species protection level for upland rivers (Table 2-1) have been adopted as the laboratory limit of reporting (LOR). A value of 0.2 milligrams per litre (mg/L) has been adopted for the LOR for total suspended solids.

Table 2-1 also includes the 95% species protection level for upland rivers. The guideline values for 95% species protection have been identified for the Maragle works by the NSW EPA, which occur in the Bago State Forest. A slightly to moderately disturbed level of protection can be applied to the Maragle works.

Table 2-1 Surface water quality objectives for upland rivers

Category	Parameter	Units	Default Guideline Value		Comment
			Maragle works Upland Rivers – National Parks, Nature Reserves and State Forests ¹	KNP Upland Rivers – streams affected by the Snowy Scheme ²	
Physico-chemical	pH		6.5-8	6.5-8	Low pH can cause adverse effects to fish and aquatic insects (ANZG 2018). Changes to pH, particularly a reduction, can lead to the increase in toxicity of several pollutants including aluminium, ammonia and cyanide.
	Electrical conductivity	µS/cm	30-350	30-350	The ability of water to conduct an electrical current. Changes in salinity (conductance) should be less than 5% from background levels in estuarine waters (ANZG 2018).
	Turbidity	NTU	2-25	2-25	Direct impacts of increases in suspended solids include blanketing of the macrophytes and bed-dwelling organisms (Dunlop et al 2005). Fine sediment is also responsible for clogging the gills of fish. The high capacity of the fine particles for ion exchange enables them to bind with biological membranes gills in fish and invertebrates (Pusey and Arthington 2003). The high ion exchange capacity of the fine silt and clay particles also enables them to bind with contaminants such as heavy metals and nutrients (Dunlop et al 2005). Light is the primary source of energy in aquatic ecosystems (Boulton and Brock 1999). High levels of turbidity result in a reduction of light penetration in the water column (Pusey and Arthington 2003). The impact of reduced light penetration on aquatic environments is decreased primary production as a result of reduced ability for plants to photosynthesise (ANZG 2018). Depleted food sources result in

Category	Parameter	Units	Default Guideline Value		Comment
			Maragle works Upland Rivers – National Parks, Nature Reserves and State Forests ¹	KNP Upland Rivers – streams affected by the Snowy Scheme ²	
					declines in populations of fish, insects, molluscs, invertebrates and microorganisms (Henly et al. 2010).
	Dissolved oxygen	%	90-110	90-110	Indicates if the presence of a disturbance to the equilibrium of oxygen-consuming processes and oxygen-releasing processes and defines the saturation of oxygen in the water column (ANZG 2018). Reduction in DO leads to low or hypoxic conditions, limiting living conditions for aerobic organisms. When DO is too low, it can lead to loss of biota (e.g. fish kills) (ANZECC 2000). Low DO concentrations range from <2 – 4 mg/L and hypoxic DO concentrations (>0 – 2.0 mg/L) (WA Government 2017). Therefore, the levels of DO concentrations range from hypoxic to high. However, it is also noted that the DO concentrations should be taken determined by consecutive diurnal measurements under different weather conditions as DO concentrations fluctuate with temperature, salinity and air pressure (USGS n.d.). For example, at 20°C, 100% dissolved oxygen saturation for freshwater is 9.09 mg/L.
	Total suspended solids (TSS)	mg/L	No guideline	No guideline	Refer to detail associated with turbidity, above. A Project DGV was adopted of 0.2 mg/L.
	Total dissolved solids (TDS)	mg/L	No guideline	No guideline	Increases or decreases in TDS can limit the growth of aquatic organisms and can be fatal. High levels of TDS reduce water clarity and increase turbidity.

Category	Parameter	Units	Default Guideline Value		Comment
			Maragle works Upland Rivers – National Parks, Nature Reserves and State Forests ¹	KNP Upland Rivers – streams affected by the Snowy Scheme ²	
	Total hardness (as CaCO ₃)	mg/L	No guideline	No guideline	Water hardness can affect the toxicity of metals and metalloids in aquatic ecosystems, often by increasing the uptake of metals in aquatic organisms.
Nutrients	Ammonia (NH ₄)	mg/L	0.013	0.013	The toxicity of ammonia is primarily the un-ionised NH ₃ , which is able to cross epithelial membranes of aquatic organisms (ANZG 2018). pH and temperature can impact its toxicity. A study by the United States EPA (1985) found that ammonia was toxic to freshwater organisms in concentrations of 0.5 mg/L to 23 mg/L, not corrected for pH or temperature. Toxicity can be displayed as loss of equilibrium, hyperexcitability and in some cases death, in fish (ANZG 2018).
	Oxidised nitrogen (NO _x)	mg/L	0.015	0.015	
	Total nitrogen (TN)	mg/L	0.25	0.25	Increase in TN concentration stimulates nuisance plant growth (e.g., algal blooms).
	Total Kjeldahl nitrogen	mg/L	No guideline	No guideline	
	Filterable reactive	mg/L	0.015	0.015	

Category	Parameter	Units	Default Guideline Value		Comment
			Maragle works Upland Rivers – National Parks, Nature Reserves and State Forests ¹	KNP Upland Rivers – streams affected by the Snowy Scheme ²	
	phosphorus (FRP)				
	Total phosphorus (TP)	mg/L	0.02	0.02	Increase in TP concentration stimulates nuisance plant growth (e.g., algal blooms).
Inorganics (total and dissolved)	Cyanide	mg/L	0.004	0.004	There are different forms of cyanide, each with different degrees of toxicity to aquatic organisms, which is predominantly through the inhibition of cellular respiration (ANZG 2018). Cyanide in water is impacted by other water quality physio-chemical parameters including pH, temperature, dissolved oxygen, salinity and sunlight (Leduc et al., 1982; CCREM 1987).
Metals and metalloids (total and dissolved)	Aluminium (Al) ³	mg/L	0.055	0.027	Toxicity of aluminium is increased at low (e.g., <5.5) and high (e.g., >9) pH. Single-celled aquatic plants are generally more sensitive to aluminium toxicity, with fish generally more sensitive than aquatic invertebrates (ANZG 2018). Aluminium toxicity can impact the functioning of the gills in fish.
	Arsenic (As) ⁴	mg/L	0.013	0.0008	Toxicity of arsenic (V) increases with increasing temperature. Phytoplankton are some of the most sensitive aquatic organisms to arsenic, whereas adult freshwater fish are less sensitive, and arsenic (V) seems more toxic to aquatic plants than arsenic(III) (ANZG 2018).

Category	Parameter	Units	Default Guideline Value		Comment
			Maragle works Upland Rivers – National Parks, Nature Reserves and State Forests ¹	KNP Upland Rivers – streams affected by the Snowy Scheme ²	
	Cadmium	mg/L	0.0002	0.00006	Cadmium may be accumulated by some aquatic organisms. Toxicity is dependent on water hardness and is less toxic in freshwater at lower pH. Dissolved organic matter, suspended solids and chloride can reduce toxicity (ANZG 2018).
	Chromium (Cr) ⁵	mg/L	0.001	0.00001	Toxicity of chromium (VI) increases in freshwater at lower pH. Chromium may bioaccumulate and is generally toxic at high temperatures (ANZG 2018). Freshwater algae and invertebrates are more sensitive to chromium(VI) than fish (ANZG 2018).
	Copper (Cu)	mg/L	0.0014	0.001	Copper is bioaccumulated in aquatic plants and animals. Toxicity expresses itself when the rate of uptake exceeds the rates of which the organism can detoxify or excrete the metal (Rainbow 1996). The uptake and toxicity of copper in freshwater aquatic organisms generally decreases with increasing water hardness and alkalinity (Erickson et al., 1998).
	Iron (Fe)	mg/L	0.3	0.3	Iron is an essential trace element for aquatic organisms. However, when concentrations are high, can cause acute toxicity (ANZG 2018). Iron can often form colloidal suspensions, which can settle out of the water column or remain in suspension. When remaining in suspension, it can increase turbidity, decrease light penetration and smother bed-dwelling organisms (ANZG 2018).

Category	Parameter	Units	Default Guideline Value		Comment
			Maragle works Upland Rivers – National Parks, Nature Reserves and State Forests ¹	KNP Upland Rivers – streams affected by the Snowy Scheme ²	
	Lead (Pb)	mg/L	0.0034	0.001	Lead toxicity is water hardness dependent. It is strongly absorbed by suspended organic matter and humic substances (ANZG 2018). Low pH increases the uptake and toxicity of lead (ANZG 2018).
	Manganese (Mn)	mg/L	1.9	1.2	The toxicity of manganese is low in aquatic organisms compared to other trace metals. It can bioaccumulate (ANZG 2018). Can be soluble at low pH or low dissolved oxygen (ANZG 2018).
	Mercury (inorganic)	mg/L	0.0006	0.00006	The uptake rate of mercury in aquatic organisms increases with decreasing water hardness and pH (ANZG 2018).
	Nickel (Ni)	mg/L	0.011	0.008	Nickel toxicity decreases with increased hardness and increases as pH decreases. Nickel uptake increases with increasing toxicity (ANZG 2018).
	Silver (Ag)	mg/L	0.00005	0.00002	Silver is a one of the most toxic metals to aquatic life with toxicity correlated to water hardness. Toxicity decreases as water hardness increases (ANZG 2018).
	Zinc (Zn)	mg/L	0.008	0.0024	Zinc is essential for the growth and development of aquatic organisms although elicits a toxic response when in high concentrations. Zinc toxicity is dependent on water hardness and generally decreases with decreasing pH. Zinc is absorbed by suspended material (ANZG 2018).

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1. DGVs for metals and metalloids 95% Species protection (ANZG 2018)
2. DGVs for metals and metalloids 99% Species protection (ANZG 2018)
3. DGV AI for pH >6.5 (ANZG 2018)
4. For As (V) (ANZG 2018)
5. For Cr (VI) (ANZG 2018)

3. Monitoring

The 12 water quality monitoring points are located in the following waterbodies:

- Yarrangobilly River (YR)
- Wallaces Creek (WC)
- Lick Hole Gully (LHG)
- Sheep Station Creek (SSC)
- Cave Gully (CG)
- Talbingo Reservoir (TR)
- Yorkers Creek (YK)
- New Zealand Gully (NZG).

The Program (NGH, 2022) includes the WQOs of Yarrangobilly Creek, Yorkers Creek, New Zealand Gully, Lick Hole Gully, Sheep Station Creek, Cave Gully and Wallaces Creek, which were assigned default guideline values (DGV) for Upland Rivers and 99% species protection level prior to baseline water quality monitoring. Refer to Appendix B for photographs of each monitoring location.

Monitoring events and locations are provided in Figure 1-1. Impact sites (-IS) are those located within the Project construction footprint and reference sites (-RS) are those characterising water quality not within the Project construction footprint.

During the pre-construction monitoring period, there were few sites that were already impacted by works of the Snowy Scheme. These included the Yarrangobilly River sites, YR1-IS and YR2-IS, and Wallaces Creek (WC-IS). Lick Hole Gully (LHG-IS) and to a lesser extent Cave Gully (CG-IS) are downstream of the Lobs Hole Ravine Road. The remainder of the monitoring sites are not currently impacted by Snowy Scheme works and are essentially providing reference data prior to Project construction works. Refer to Appendix A, which shows in better detail the sites impacted by Snowy Scheme works. These have been used as reference site data (Section 5.2).

3.1. Field and laboratory analysis

The sampling methodology and the quality assurance / quality control was in accordance with the Program (NGH, 2022).

Surface water monitoring included:

- Field parameters – A YSI Pro DSS (digital sampling system) water quality multiparameter instrument (or similar) for the measurement of several critical parameters including pH, turbidity, temperature, dissolved oxygen (% and mg/L), oxidation reduction potential and electrical conductivity.
- Visual observation – Oil and grease (i.e., hydrocarbon sheen).
- Laboratory analysis – Dissolved metals (aluminium, arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc, iron, silver and manganese), total phosphorus, reactive phosphorous, total nitrogen, nitrogen oxides, total suspended solids (TSS), total dissolved solids (TDS), cyanide, ammonia and total hardness (as CaCO₃) at a NATA accredited laboratory.
- Field observations – weather and rainfall (prior to and at the time of the sampling event), surrounding influencing factors/ e.g. land use activities, events, incidents.

There were no instances where samples required further testing for total recoverable hydrocarbons (TRH) and BTEXN (Benzene, toluene, ethylbenzene, xylene, naphthalene).

Many of the results are recorded as below (<) the LOR. To enable calculation of the statistics, the Limit of Detection Divided by Two (LOD/2) Method (Cohen & Ryan, 1989) has been applied. Refer to Appendix D for the results table. Refer to post-event sampling reports for the laboratory certificates and field notes.

4. Results

The results of 24 months of water quality monitoring are displayed in figures in the following sections. Where a DGV exists, this is provided on the figure.

4.1. Grease, oil, sheens and odours

During the 24 sampling events, no odour was recorded at any of the 12 sites. There were two events where a sheen was observed and included Event 2 at WC-RS and Event 24 at LHG-IS, refer to Figure 4-1.

The sheens did not move as a homogenous substance, instead fracturing as it moved through the waterway. Therefore, it is considered that the sheens were likely the result of a natural source (e.g. bacteria). Noting this, it was not considered necessary to have either sample further analysed for TRH or BTEXN compounds.

A sheen was not identified at any other sampling event / location, refer to Appendix D.



Figure 4-1 Sheen observed at LHG-IS during the Event 24 sampling period

4.2. Temperature

Temperatures at each sampling location varied according to seasonal changes, refer to Figure 4-2 and Appendix D. The lowest temperature was recorded at YR2-IS (1.8°C), with the highest temperatures recorded at TR-RS and YK-RS (23.3°C).

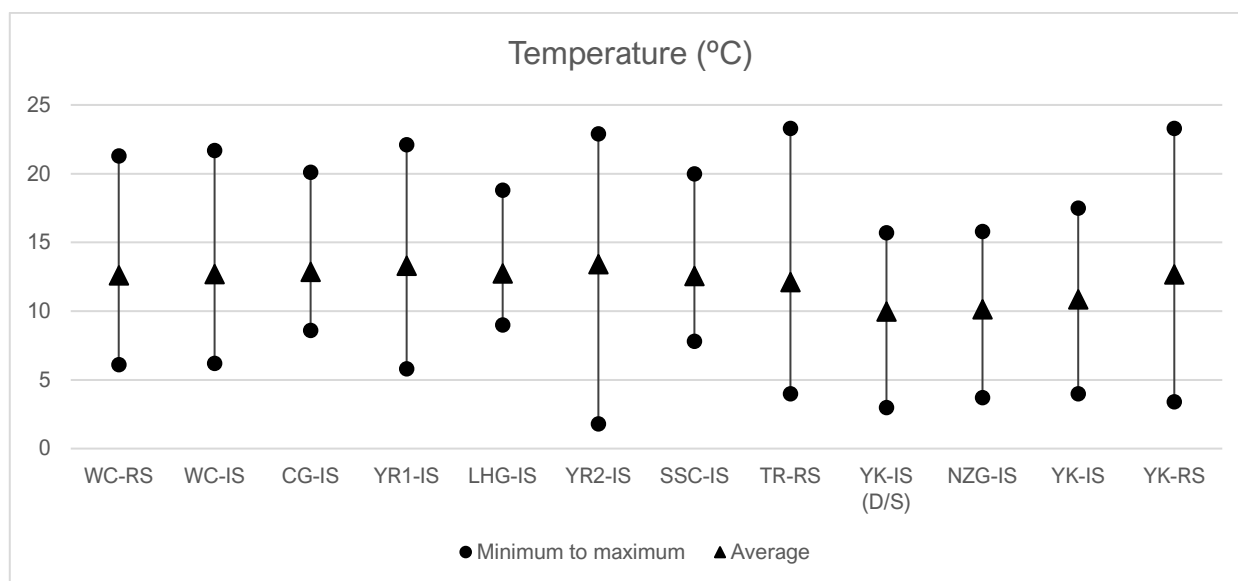


Figure 4-2 Temperature (°C) results for each sampling location

4.3. Dissolved Oxygen (%)

All sites recorded Dissolved Oxygen (DO%) readings that were notably less than the lower DGV value (90%), refer to Figure 4-3 and Appendix D. Similarly, the average DO% reading was also below the lower DGV across all sites, except TR-RS (91.1%). The upper DGV value was exceeded at two locations, CG-IS (116.9%) and TR-RS (111%).

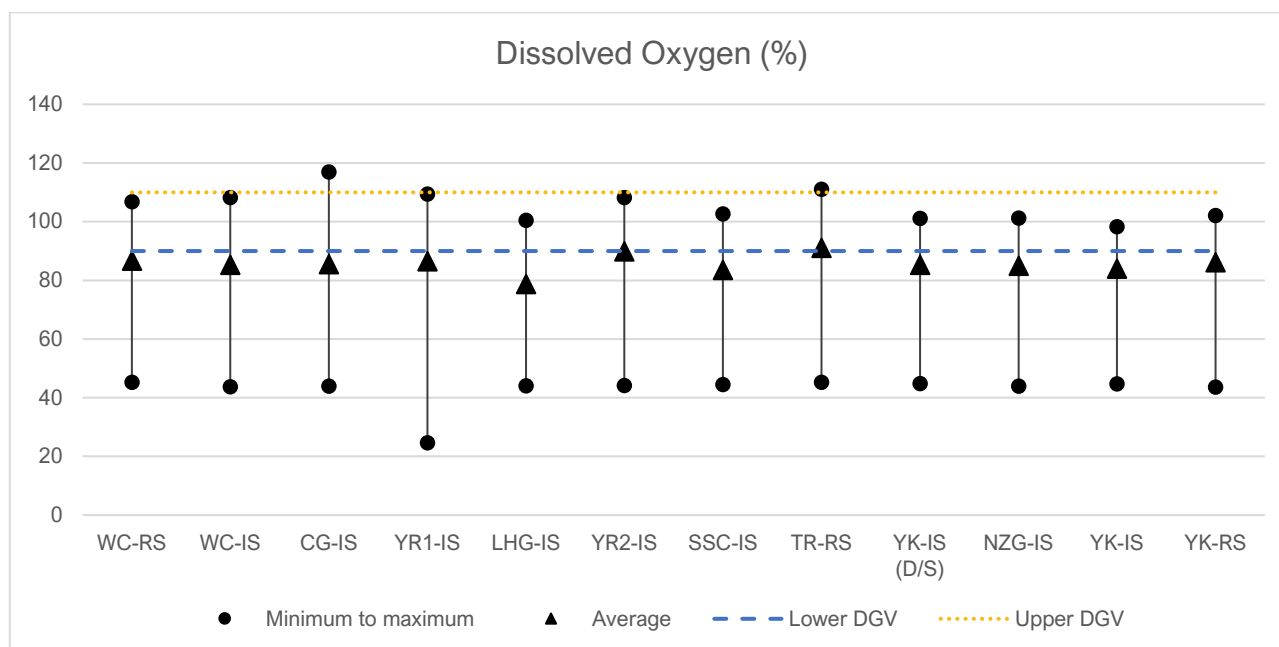


Figure 4-3 Dissolved Oxygen (DO%) results for each sampling location

4.4. Dissolved Oxygen (ppm)

Results for DO (ppm) ranged from 4.86 ppm (CG-IS) to 19.18 ppm (YR2-IS), refer to Figure 4-4 and Appendix D.

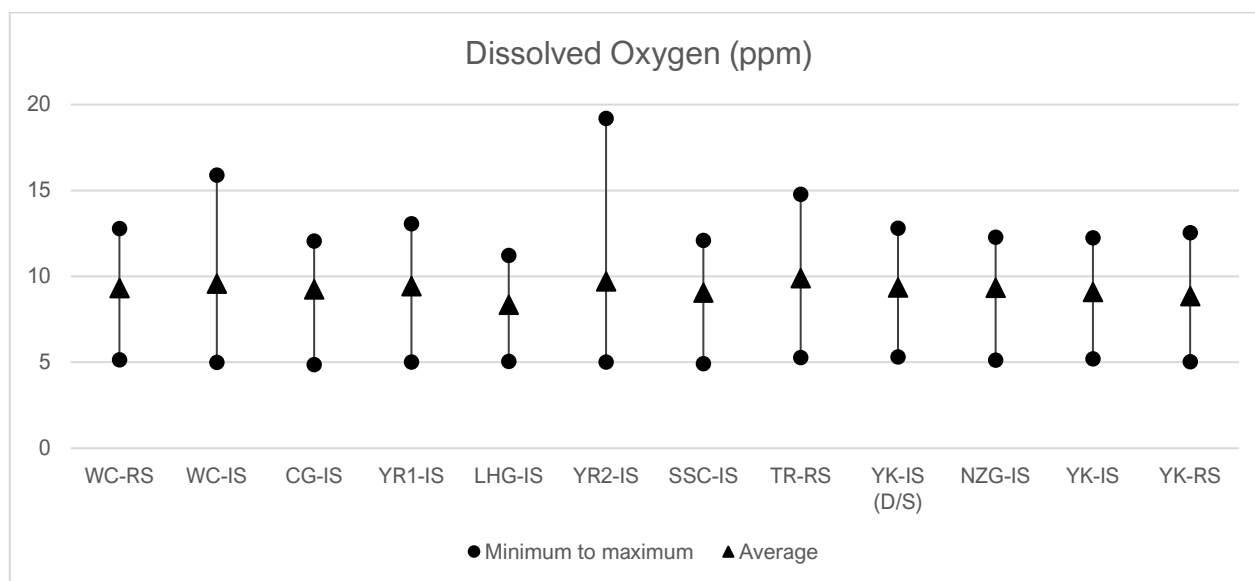


Figure 4-4 Dissolved Oxygen (ppm) results for each location

4.5. Specific conductance

Results for specific conductance (SPC, $\mu\text{S}/\text{cm}$) remained relatively consistent across the sampling events, refer to Figure 4-5 and Appendix D. LHG-IS and CG-IS recorded peak values of 627 $\mu\text{S}/\text{cm}$ and 583 $\mu\text{S}/\text{cm}$, respectively.

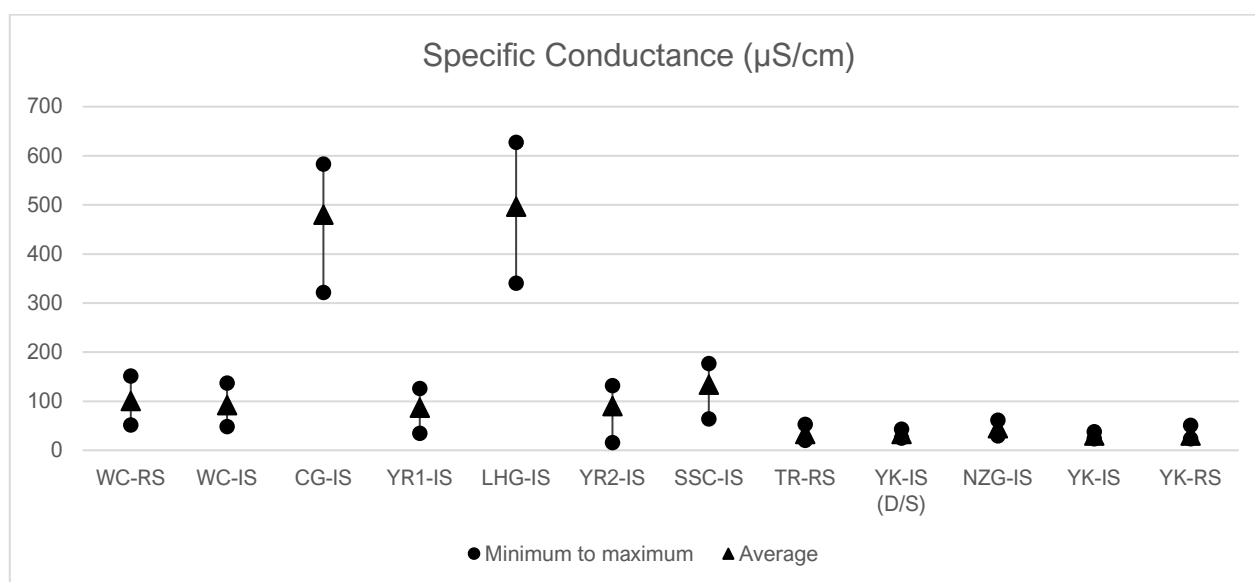


Figure 4-5 Specific conductance ($\mu\text{S}/\text{cm}$) results for each location

4.6. Electrical conductivity

Results for electrical conductivity (EC, $\mu\text{S}/\text{cm}$) ranged notably between sites, refer to Figure 4-6 and Appendix D. Results for CG-IS and LHG-IS generally fell below the upper DGV (350 $\mu\text{S}/\text{cm}$) limit, while results for TR-RS, YK-IS (D/S), NZG-IS, YK-IS and YK-RS generally fell below the lower DGV (30 $\mu\text{S}/\text{cm}$).

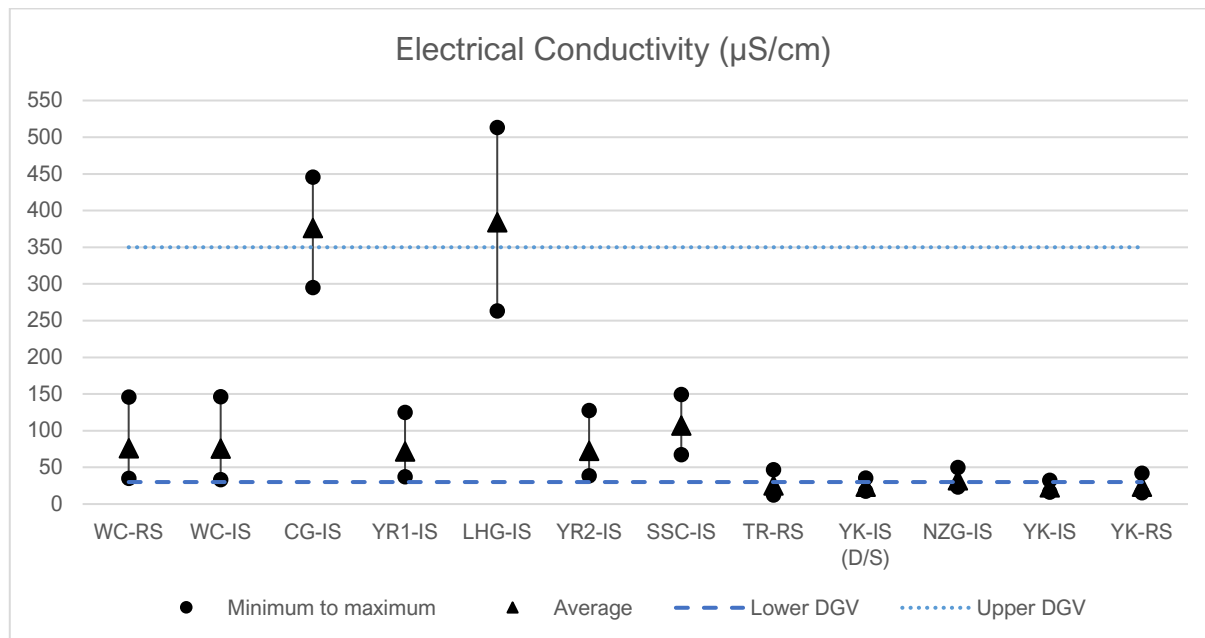


Figure 4-6 Electrical conductivity ($\mu\text{S}/\text{cm}$) results for each location

4.7. pH units

All sites, other than NZG-IS, had values that fell below or above the adopted DGV range (6.5 – 8.0 pH units), refer to Figure 4-7 and Appendix D. The average result for each sampling location fell within the adopted DGV range. A peak pH value was recorded at TR-RS (8.8 pH units) during Event 6. The lowest pH values were recorded at WC-RS (5.8 pH units) and WC-IS (5.73 pH units).

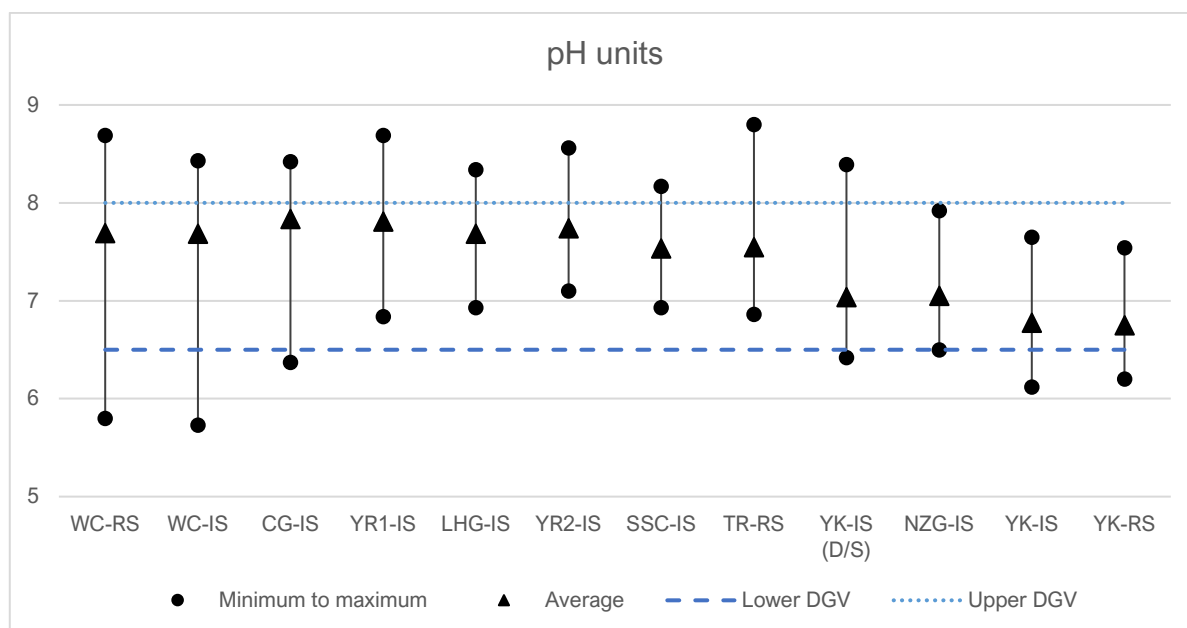


Figure 4-7 pH unit results for each location

4.8. Redox

Results for redox (mV) varied across the sampling locations, refer to Figure 4-8 and Appendix D. A peak value of 258.3 mV was recorded at YR2-IS during Event 6.

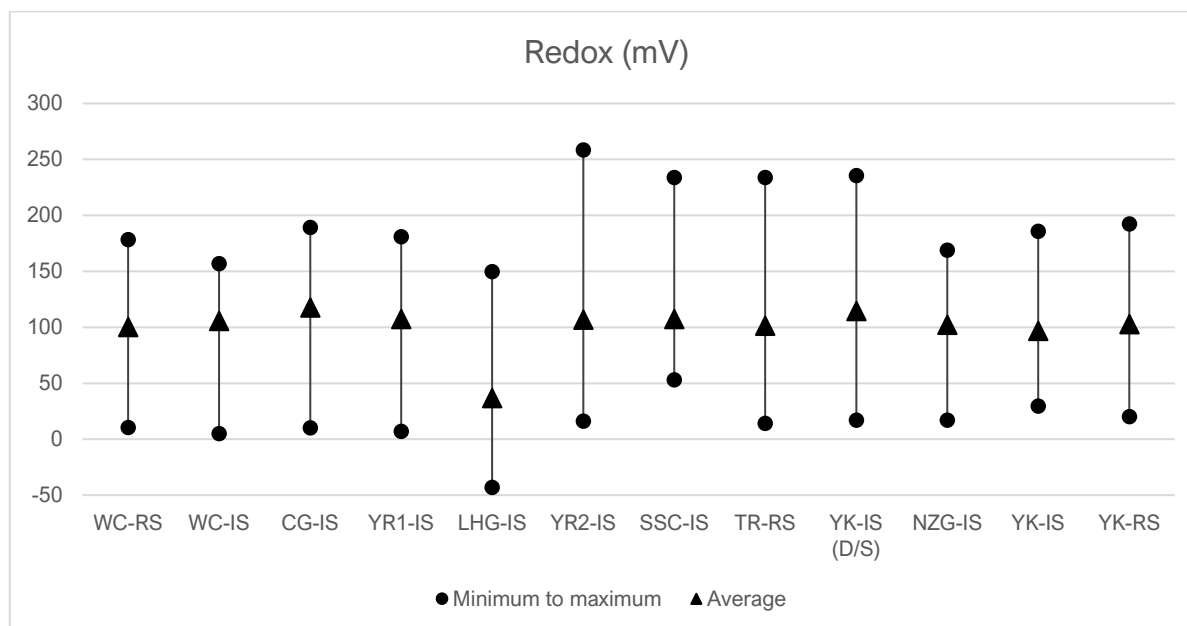


Figure 4-8 Redox (mV) results for each location

4.9. Turbidity

Turbidity (NTU) results exceeded the upper DGV trigger value (25 NTU) at most sampling locations, refer to Figure 4-9 and Appendix D. The average result for each sampling location was above the lower DGV at all location except for TR-RS (1.2 NTU). A peak result was recorded for CG-IS (785.48) during Event 8.

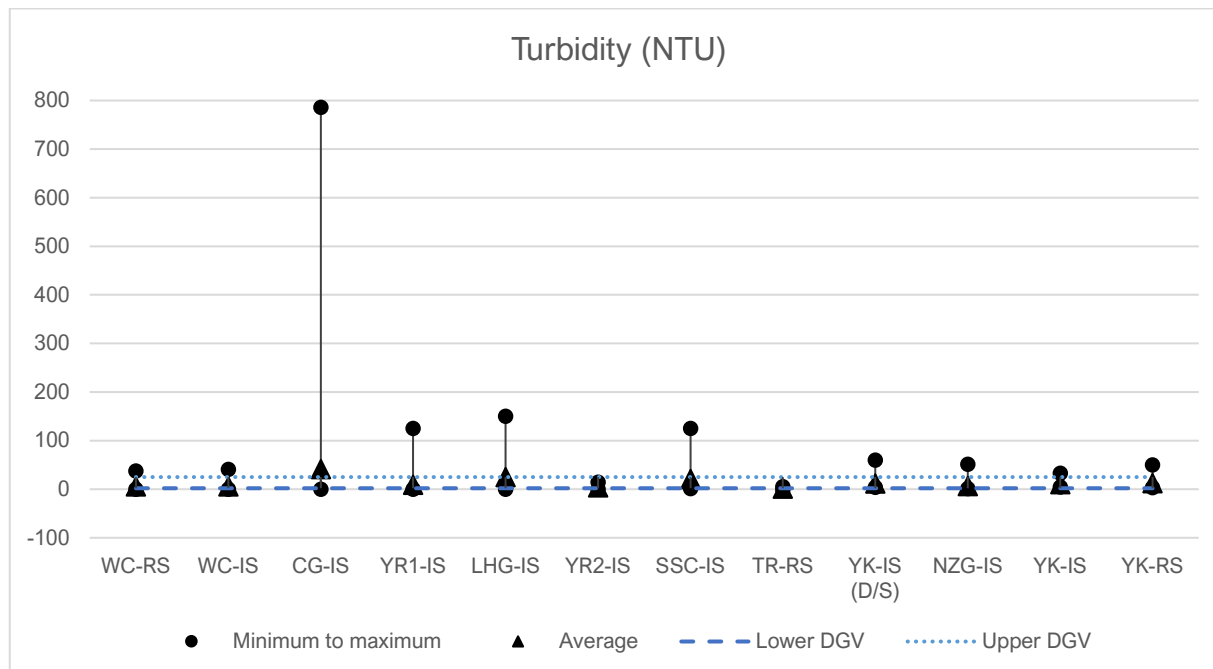


Figure 4-9 Turbidity (NTU) results for each location

4.10. Aluminium

DGV exceedances for Aluminium (0.027 mg/L) were recorded across all sampling locations, refer to Figure 4-10 and Appendix D. The average result for each sampling location was above the DGV trigger value across all sites. A peak reading of 1.73 mg/L was recorded at SSC-IS during Event 8.

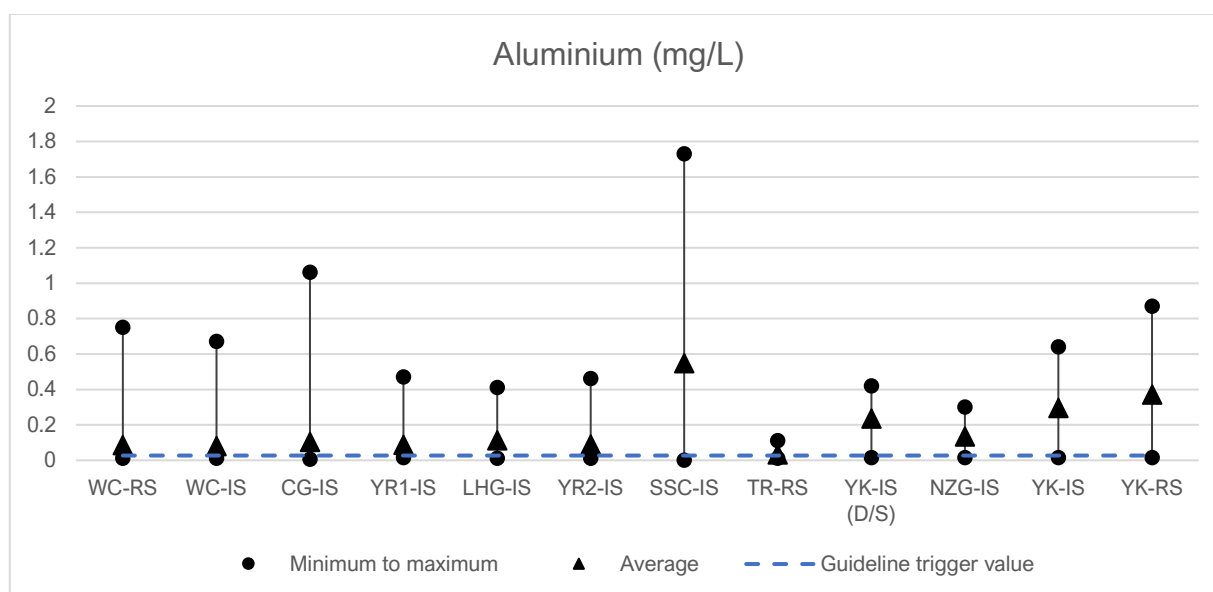


Figure 4-10 Aluminium (mg/L) results for each location

4.11. Arsenic

Results for arsenic were below the LOR (<0.0003 mg/L) and DGV (0.0008 mg/L) across all sampling events.

Refer to Appendix D for the results.

4.12. Cadmium

DGV exceedances for Cadmium (0.0006 mg/L) were recorded across all sampling locations, refer to Figure 4-11 and Appendix D. The average result for each sampling location was below the DGV trigger value across all sites. A peak reading of 0.003 mg/L was recorded at LHG-IS during Event 24.

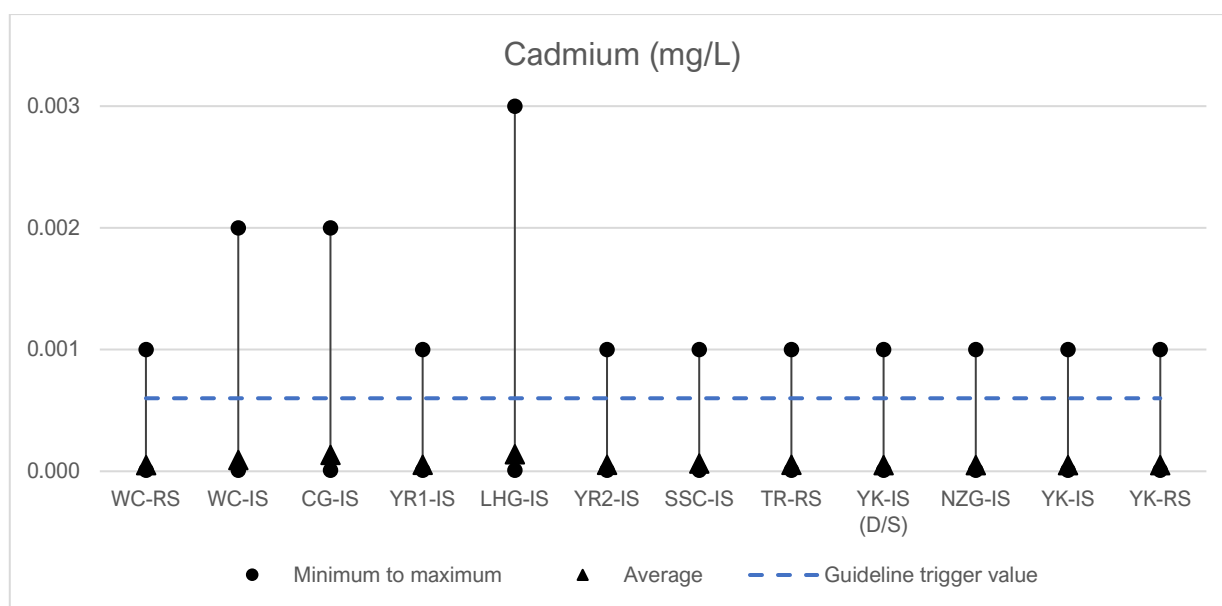


Figure 4-11 Cadmium (mg/L) results for each location

4.13. Chromium

DGV exceedances for Chromium (0.00001 mg/L) were recorded across all sampling locations, refer to Figure 4-11 and Appendix D. The average result for each sampling location for Chromium was above the DGV trigger value across all sites. A peak reading of 0.005 mg/L was recorded at YK-IS (D/S) during Event 19.

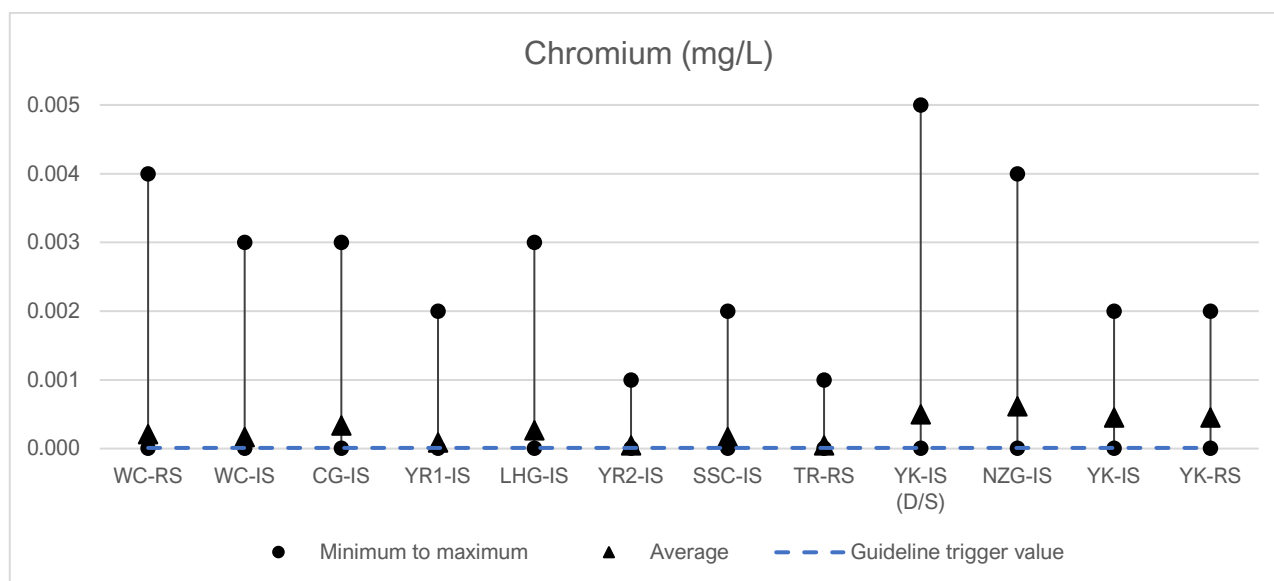


Figure 4-12 Chromium (mg/L) results for each location

4.14. Copper

DGV exceedances for copper (0.001 mg/L) were recorded across all sampling locations, refer to Figure 4-11 and Appendix D. The average result for each sampling location (other than LHG-IS) was below the DGV trigger value. A peak reading of 0.013 mg/L was recorded at LHG-IS during Event 16.

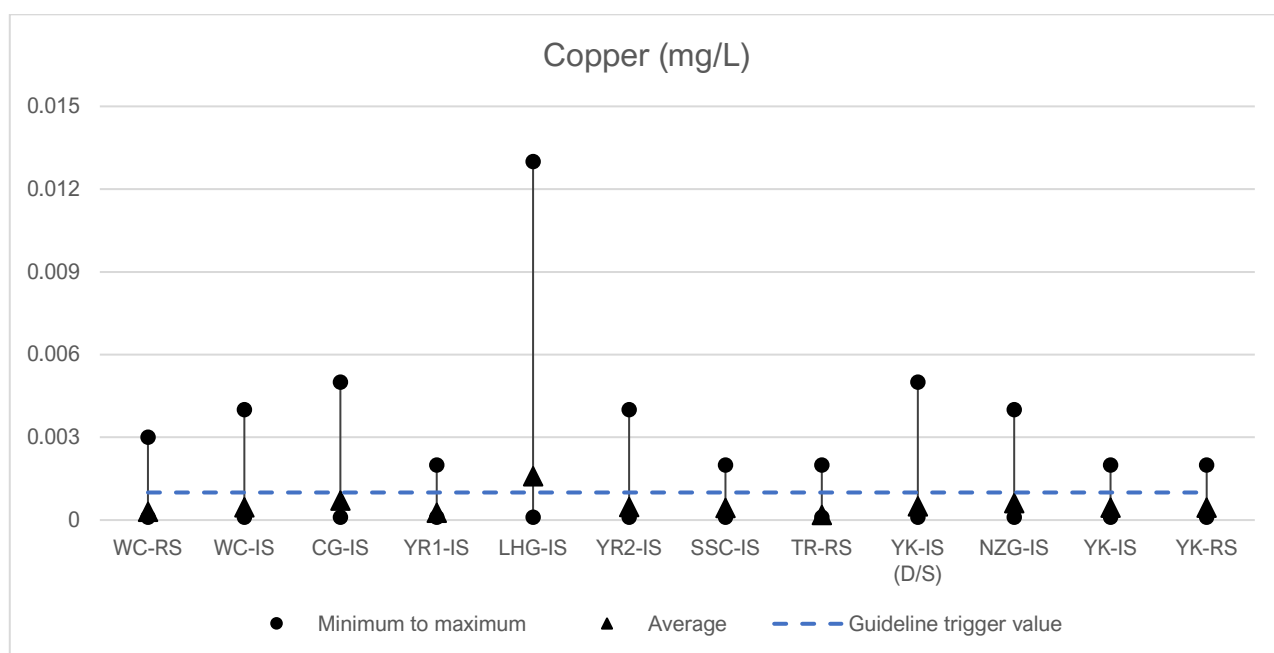


Figure 4-13 Copper (mg/L) results for each location

4.15. Cyanide

Results for cyanide were below the LOR (<0.002 mg/L) and DGV (0.004 mg/L) across all sampling events.

Refer to Appendix D for the results.

4.16. Iron

DGV exceedances for iron (0.3 mg/L) were recorded across multiple sampling locations, refer to Figure 4-14 and Appendix D. The average result for each sampling location was below the DGV trigger value across all sites. A peak reading of 0.77 mg/L was recorded at SSC-IS during Event 22.

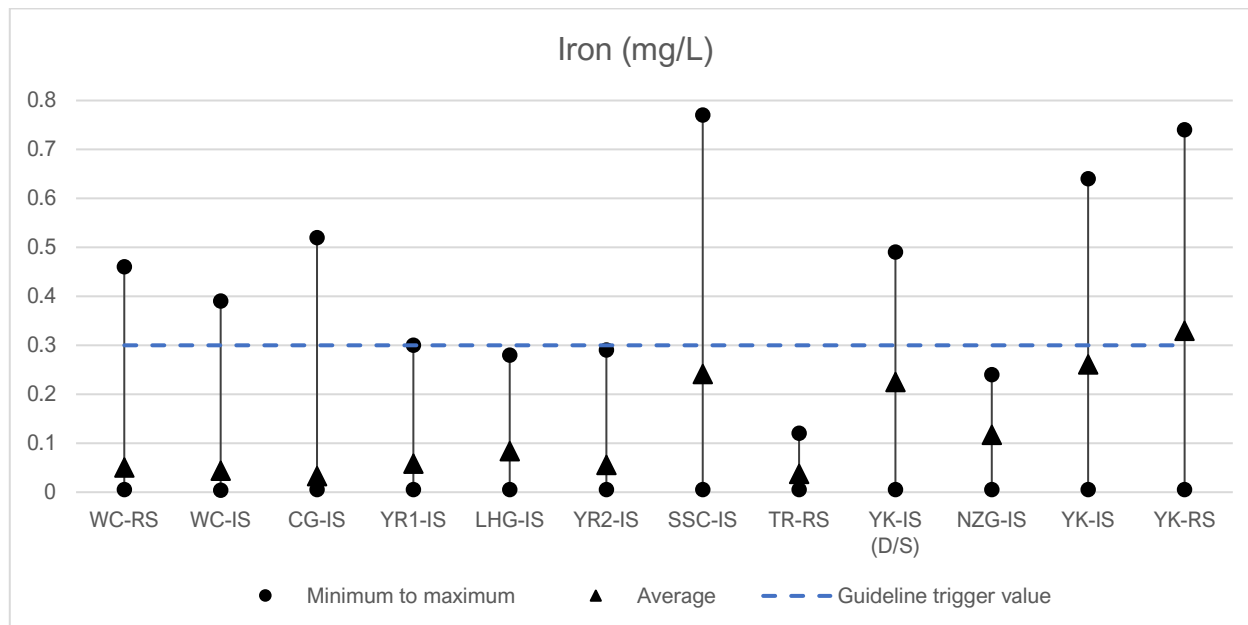


Figure 4-14 Iron (mg/L) results for each location

4.17. Lead

DGV exceedances for lead (0.001 mg/L) were recorded across multiple sampling locations, refer to Figure 4-15 and Appendix D. The average result for each sampling location was below the DGV trigger value across all sites, except for LHG-IS, TR-RS and NZG-IS. A peak reading of 0.02 mg/L was recorded at TR-RS during Event 19.

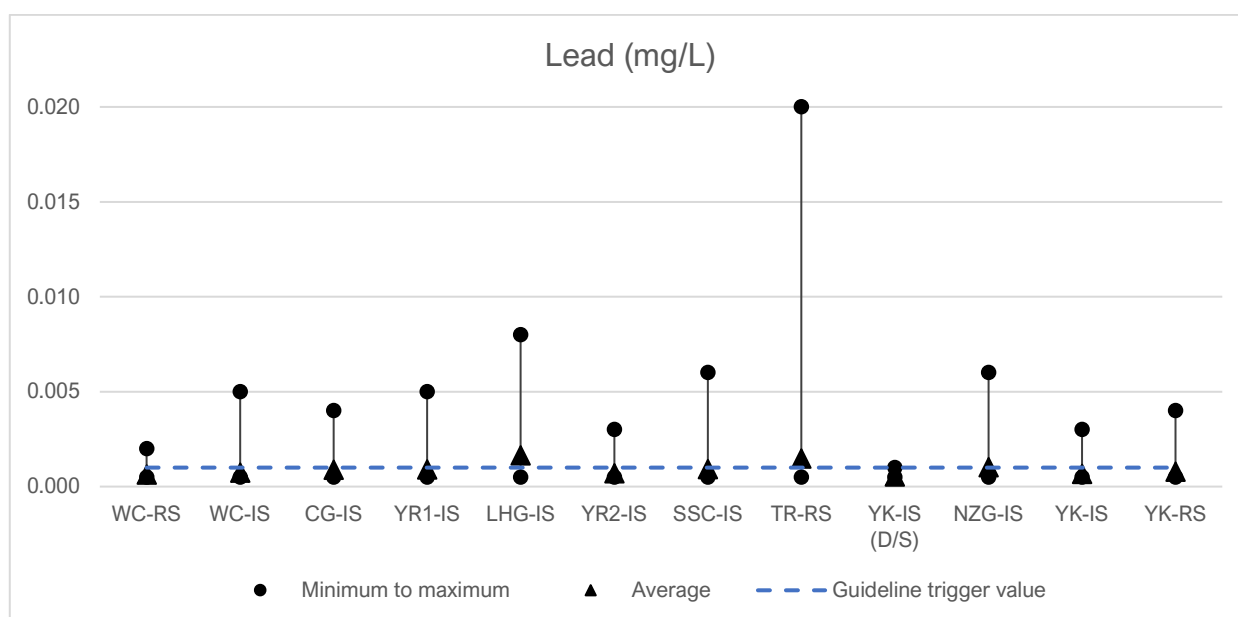


Figure 4-15 Lead (mg/L) results for each location

4.18. Manganese

Results for manganese were below the DGV (<1.2 mg/L) across all sampling events.

Refer to Appendix D for the results.

4.19. Mercury

Results for mercury were below the LOR (<0.00003 mg/L) and DGV (0.00006 mg/L) across all sampling events.

Refer to Appendix D for the results.

4.20. Nickel

Results for nickel were below the DGV (<0.008 mg/L) across all sampling events.

Refer to Appendix D for the results.

4.21. Total nitrogen

DGV exceedances for total nitrogen (0.25 mg/L) were recorded across multiple sampling locations, refer to Figure 4-16 and Appendix D. The average result for each sampling location was below the DGV trigger value, except for SSC-IS, TR-RS and YK-IS (D/S). A peak reading of 9 mg/L was recorded at YK-IS (D/S) during Event 13.

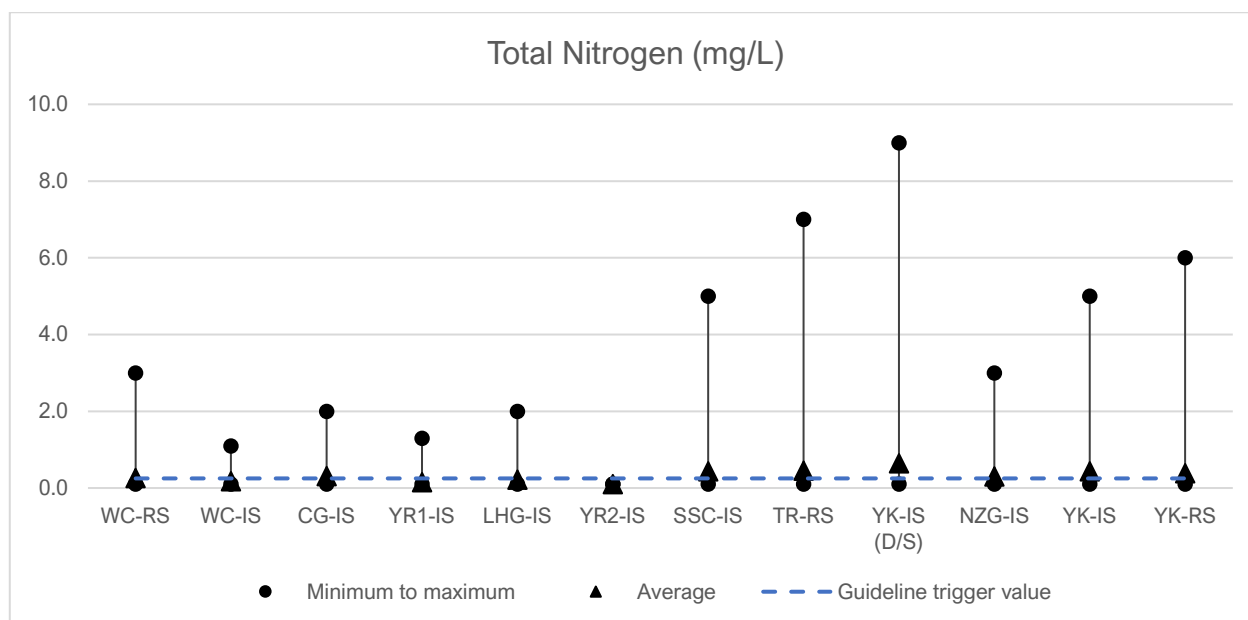


Figure 4-16 Total nitrogen (mg/L) results for each location

4.22. Nitrogen oxides

Generally, results for Nitrogen Oxides (mg/L) were below the LOR (<0.1 mg/L), refer to Figure 4-17 and Appendix D. A peak result of 1.1 mg/L was recorded at TR-RS during Event 2.

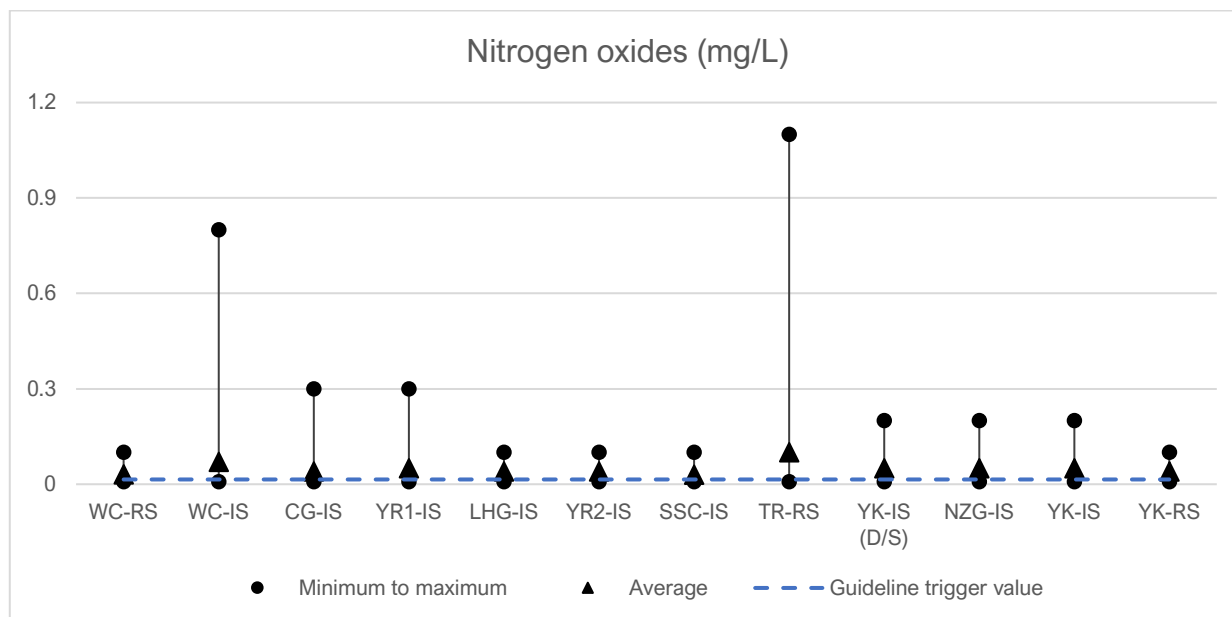


Figure 4-17 Nitrogen oxide (mg/L) results for each location

4.23. Total Kjeldahl nitrogen

Generally, results for total Kjeldahl nitrogen (TKN) were below the LOR (<0.2 mg/L), refer to Figure 4-18 and Appendix D. A peak result of 7 mg/L was recorded at YR2-IS during Event 12.

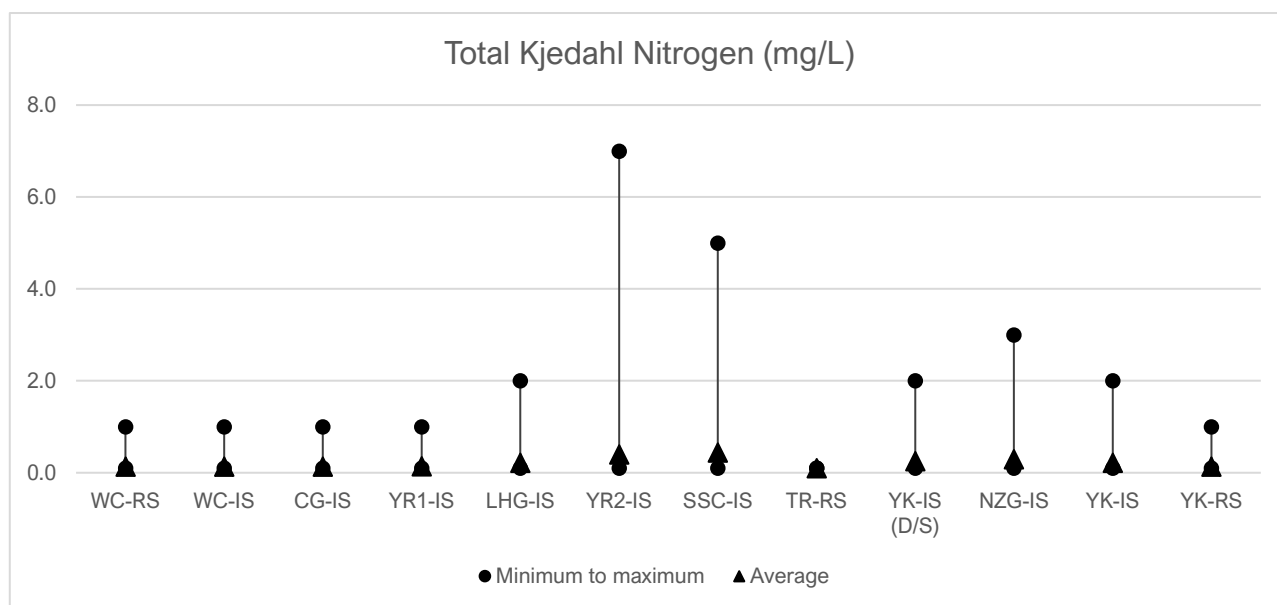


Figure 4-18 Total Kjeldahl nitrogen (mg/L) results for each location

4.24. Total phosphorous

DGV exceedances for total phosphorous (0.02 mg/L) were recorded across multiple sampling locations, refer to Figure 4-19 and Appendix D. The average result for each sampling location was on or below the DGV trigger value, except for WC-RS, CG-IS and YR1-IS. A peak reading of 0.5 mg/L was recorded at WC-RS during Event 14.

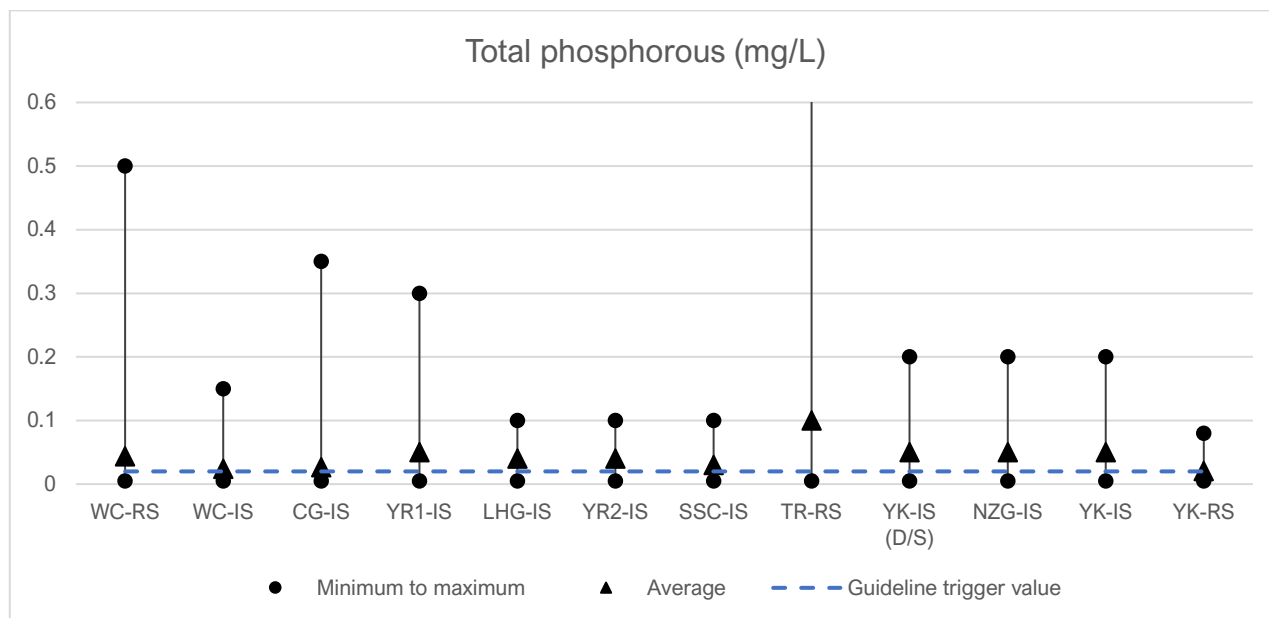


Figure 4-19 Total phosphorous (mg/L) results for each location

4.25. Reactive phosphorous

DGV exceedances for reactive phosphorous (0.015 mg/L) were recorded across every sampling location, refer to Figure 4-20 and Appendix D. The average result for each sampling location was below the DGV trigger value, except for WC-IS and YR1-IS. A peak reading of 0.09 mg/L was recorded at WC-IS during Event 18.

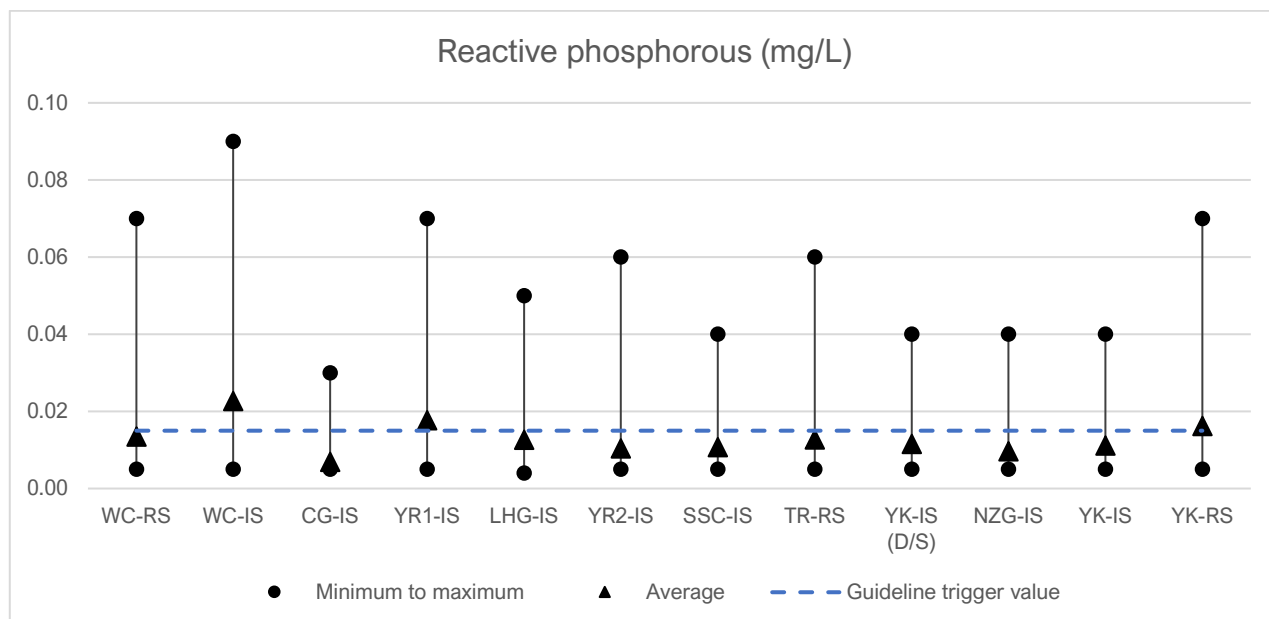


Figure 4-20 Reactive phosphorous (mg/L) results for each location

4.26. Silver

Results for silver were below the LOR and DGV (<0.00002 mg/L) across all sampling events.

Refer to Appendix D for the results.

4.27. Zinc

DGV exceedances for zinc (0.0024 mg/L) were recorded across every sampling location, refer to Figure 4-21 and Appendix D. The average result for each sampling location was on or below the DGV trigger value, except for WC-IS, CG-IS and LHG-IS. A peak reading of 0.042 mg/L was recorded at CG-IS during Event 24.

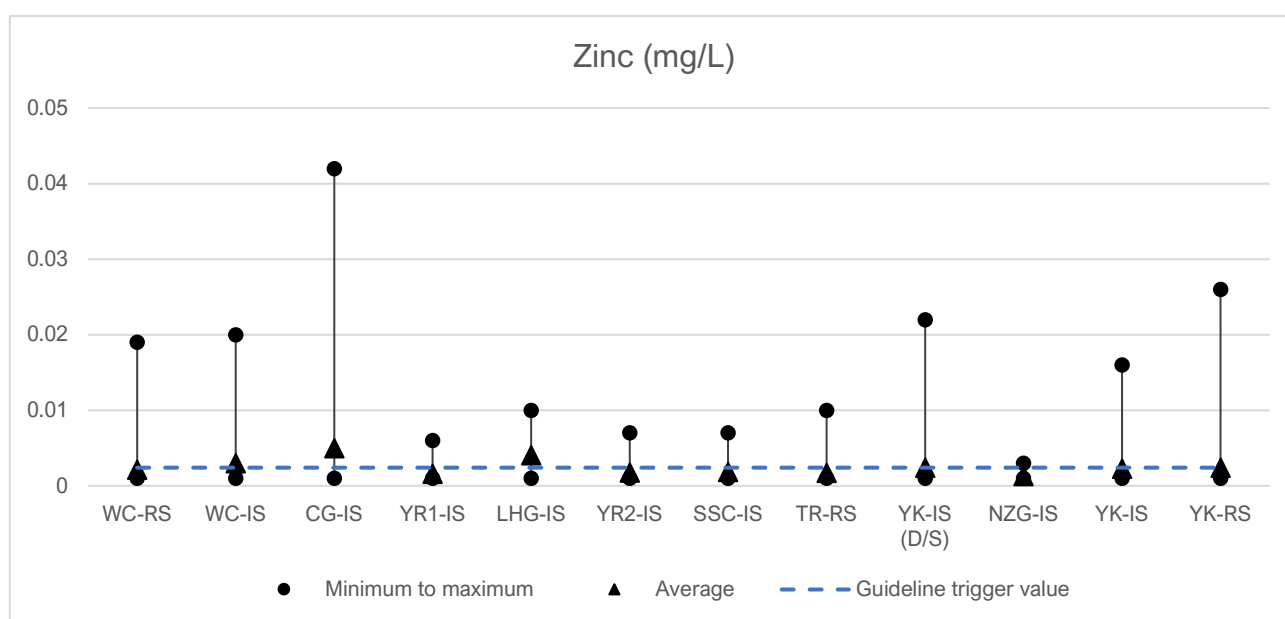


Figure 4-21 Zinc (mg/L) results for each location

4.28. Ammonia

Generally, results for Ammonia (mg/L) were below the LOR (<0.013 mg/L), refer to Figure 4-22 and Appendix D. A peak result of 1.8 mg/L was recorded at YK-IS during Event 21.

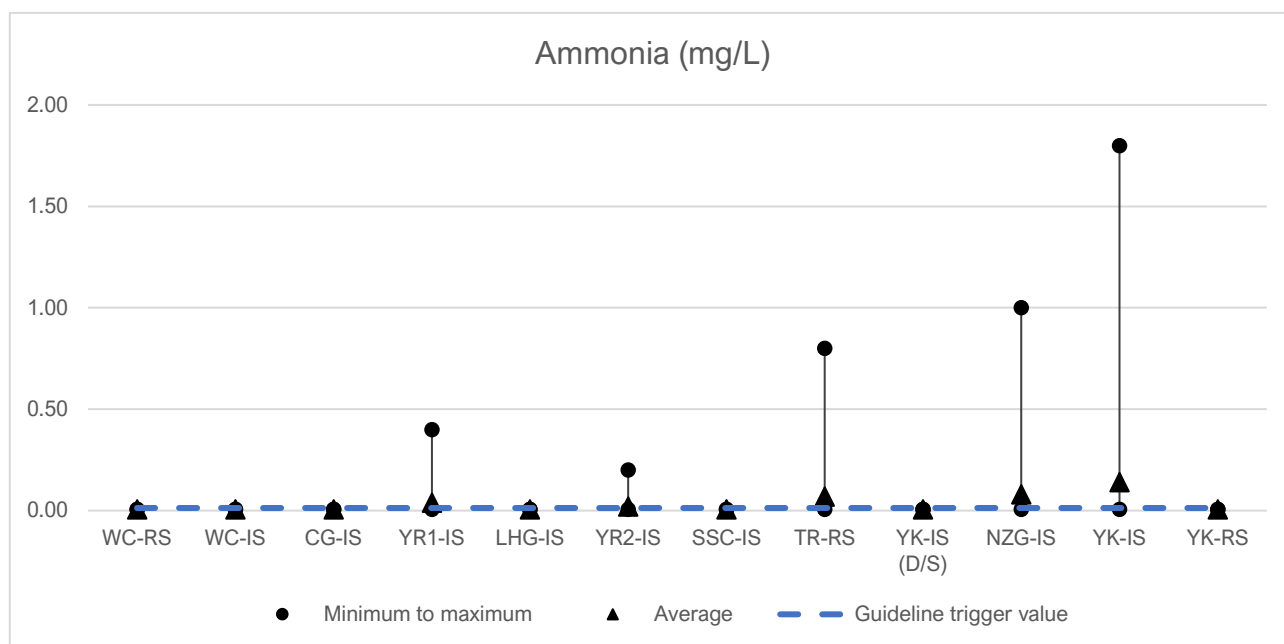


Figure 4-22 Ammonia (mg/L) results for each location

4.29. Total hardness

Generally, results for total hardness (mg/L) remained relatively consistent across the sampling locations, refer to Figure 4-23 and Appendix D. CG-IS was the most variable, with results varying from 66 – 272 mg/L.

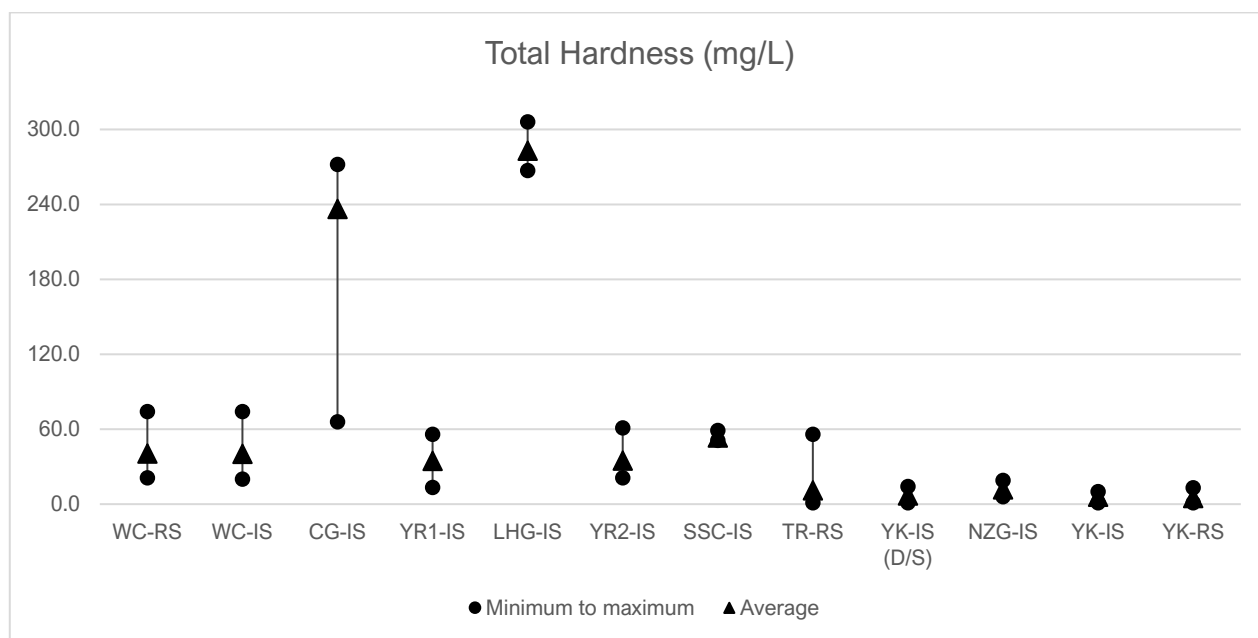


Figure 4-23 Total hardness (mg/L) results for each location

4.30. Total dissolved solids

Results for total dissolved solids (TDS, mg/L) varied between sampling locations and events, refer to Figure 4-24 and Appendix D. The greatest range was observed in WC-RS (1 - 343 mg/L).

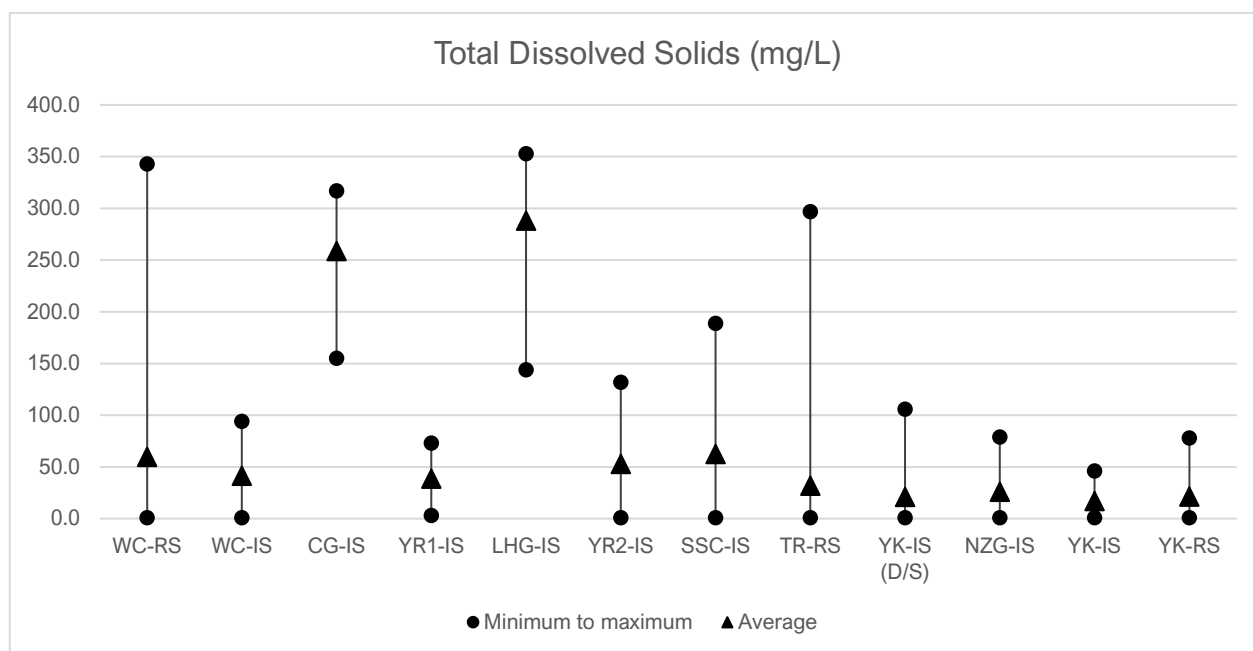


Figure 4-24 Total dissolved solids (mg/L) results for each location

4.31. Total suspended solids

DGV exceedances for total suspended solids (TSS, 0.2 mg/L) were recorded across every sampling location, refer to Figure 4-25 and Appendix D. The average result for each sampling location was above the DGV trigger value. A peak reading of 450 mg/L was recorded at CG-IS during Event 24.

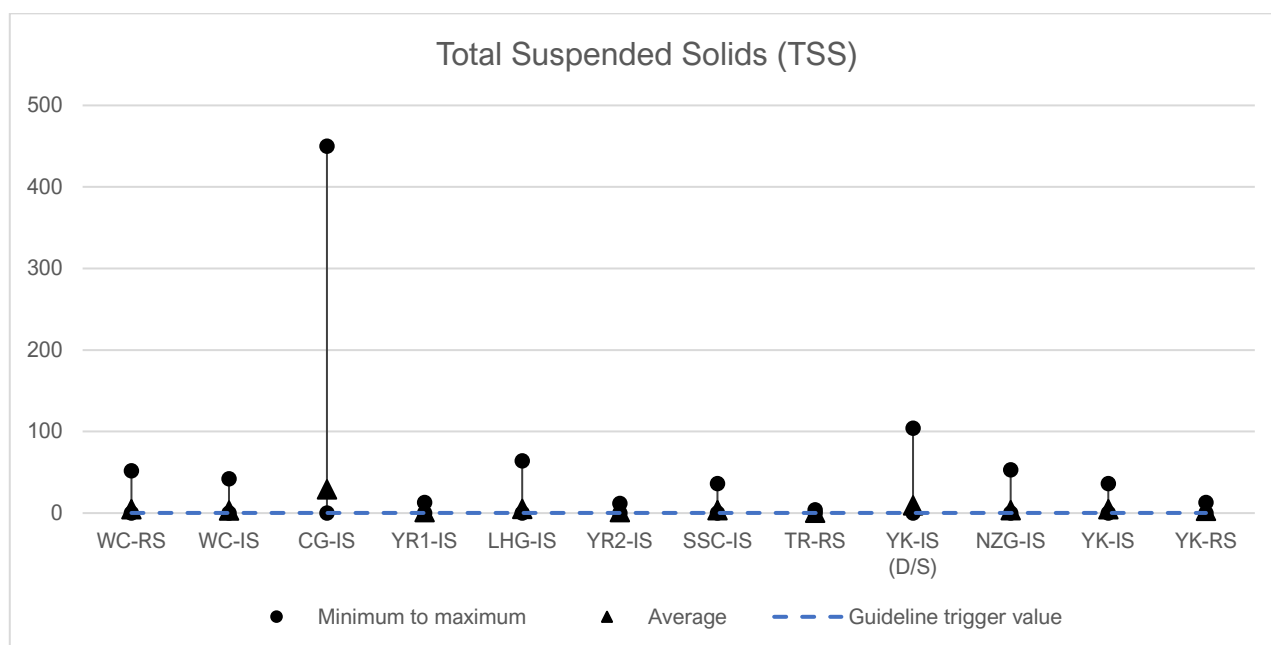


Figure 4-25 Total suspended solids (mg/L) results for each location

4.32. Comparison of reference sites to impact sites

Upon review of the data, the following observations were noted between the reference and impact sites (Table 4-1).

Table 4-1 Comparison of reference sites to impact sites

Reference site	Impact site	Comment
WC-RS	WC-IS	Results were generally consistent across the sampled analytes. Peak values for TDS of 94 mg/L (WC-RS) and 343 mg/L (WC-IS) were recorded; however, the average values for WC-RS (59.79 mg/L) and WC-IS (41.46 mg/L) indicate that in general, the two sites experience similar TDS loads.
WC-RS	CG-IS	Some variance (increase) between the peak results was identified for SPC, EC, turbidity, total hardness, TDS and TSS.
WC-RS	LHG-IS	Some variance (increase) between the peak results was identified for SPC, EC, copper, total hardness and TDS.
YK-RS	NZG-IS YK-IS YK-IS (d/s)	Some variance between the peak results was identified for iron and ammonia. Generally, the values for each site indicate that the three impact sites experience similar results to YK-RS for most parameters. Temperature is elevated at YK-RS compared to the other sites due to the ponding of the water body prior to movement through the culvert to the sampling site. During some event, TSS and turbidity were higher at YK-RS than the other three sites
TR-RS	YR1-IS YR2-IS SSC-IS	Some variance between the peak results was identified for lead, total nitrogen, nitrogen oxides, total Kjeldahl nitrogen and TDS. Generally, the average values for each site indicate that the two sites experience similar lead, total nitrogen, nitrogen oxides and total Kjeldahl nitrogen.
TR-RS	All impact sites	TR-RS had the lowest average for turbidity and total suspended solids.

5. Results summary and recommendations

5.1. Statistical summaries

A summary of the statistical results is provided in Appendix D. The results indicate the natural variability of water quality at each location by providing the range of data captured using the minimum and the maximum recordings.

Seasonality is observed in many of the data sets of the baseline data. Therefore, seasonality has been characterised in the data by providing separate statistical summaries on the drier months, December through to May, and the wetter months, June through to November, in accordance with the *ANZECC and ARMCANZ (2000) methodology and derivatives developed to 2018* of the Guidelines (ANZG, 2018).

5.2. Site specific guideline values

In accordance with the Guidelines (ANZG, 2018), SSGVs have been derived from the data collected during the pre-construction period over 24 months, from March 2022 to February 2024. SSGVs have been provided for three reference sites (WC-RS, TR-RS and YK-RS) using the median (or middle) value. Refer to Table 5-1 and Table 5-4 for the SSGVs.

Refer to Appendix D for the statistical analysis for all sampling locations.

5.3. Recommendations

Ongoing water quality monitoring will continue throughout the construction period, in accordance with the Project approval conditions. Should water quality monitoring results register exceedances to the SSGVs as identified in Table 5-1 to Table 5-4, further investigations will be carried out to determine the potential cause/s of the exceedance. The NSW EPA will be notified.



Table 5-1 Toxicant SSGVs for WC-RS, TR-RS and YK-IS for December – May (Summer / Autumn)

Parameter		Al	As	Cd	Cr	Cu	Cyanide	Fe	Pb	Mn	Hg	Ni	Ag	Zn	Ammonia	Nitrogen Oxides
Unit		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DGV		0.027	0.0008	0.0006	0.00001	0.001	0.004	0.3	0.001	1.2	0.0001	0.008	0.00002	0.0024	0.013	0.015
WC-RS	Min	0.01	0.0002	0.00001	0.00001	0.0001	0.001	0.01	0.001	0.001	0.00002	0.001	0.00001	0.001	0.007	0.008
	Max	0.05	0.0002	0.001	0.001	0.003	0.001	0.08	0.002	0.011	0.00003	0.002	0.00001	0.019	0.007	0.008
	Adopted SSGV (Median)	0.03	0.0003	0.00002	0.00001	0.0002	0.002	0.03	0.001	0.002	0.00003	0.001	0.00002	0.002	0.013	0.015
TR-RS	Min	0.010	0.0002	0.00001	0.00001	0.0001	0.001	0.01	0.001	0.001	0.00002	0.001	0.00001	0.001	0.007	0.008
	Max	0.060	0.0002	0.00100	0.001	0.0001	0.001	0.07	0.002	0.021	0.00002	0.001	0.00001	0.010	0.007	1.100
	Adopted SSGV (Median)	0.03	0.0003	0.00002	0.00001	0.0002	0.002	0.04	0.001	0.003	0.00003	0.001	0.00002	0.002	0.013	0.015
YK-RS	Min	0.015	0.0002	0.00001	0.00001	0.0001	0.001	0.005	0.001	0.001	0.00002	0.001	0.00001	0.001	0.007	0.008
	Max	0.870	0.0002	0.00100	0.001	0.002	0.001	0.740	0.002	0.021	0.00002	0.001	0.00001	0.003	0.007	0.100
	Adopted SSGV (Median)	0.36	0.0003	0.00002	0.00001	0.002	0.002	0.41	0.001	0.005	0.00003	0.001	0.00002	0.002	0.013	0.015

Table 5-2 Physico-chemical SSGVs for WC-RS, TR-RS and YK-IS for December – May (Summer / Autumn)

Parameter		Dissolved Oxygen	DO	Specific EC	EC	pH	Redox	Turbidity	TN	TP	Reactive Phosphorous	Total Hardness	Total Kjeda hl Nitrogen (TKN)	TDS	TSS
Unit		%	ppm	uS/cm	uS/cm	pH units	mV	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DGV		90-110	-	-	30-350	6.5-8	-	2-25	0.25	0.02	0.02	-	-	-	0.20
WC-RS	Min	61.30	6.87	86.80	36.00	7.38	57.00	0.05	0.10	0.01	0.01	22.00	0.10	1.00	0.10
	Max	106.80	11.00	151.00	145.80	8.44	159.40	36.96	3.00	0.50	0.02	74.00	0.10	343.00	52.00
	Adopted SSGV (median)	90-110	9.08	115.00	93.20	6.5-8	79.10	0.37	0.20	0.02	0.02	47.00	0.20	52.00	0.20
TR-RS	Min	76.00	6.61	20.00	15.00	6.86	14.00	1.88	0.10	0.01	0.01	1.00	0.10	1.00	0.10
	Max	102.30	10.46	52.30	46.70	7.87	153.00	5.08	7.00	0.02	6.00	56.00	10.00	43.00	10.00
	Adopted SSGV (median)	90-110	8.79	24.00	20.30	6.5-8	91.20	0.09	0.20	0.02	0.02	7.50	0.10	12.50	0.20
YK-RS	Min	71.40	6.13	23.50	18.00	6.40	20.00	3.09	0.10	0.01	0.01	1.00	0.10	1.00	0.10
	Max	102.10	10.91	50.90	41.90	7.54	142.00	36.03	6.00	0.04	0.02	10.00	1.00	78.00	13.00
	Adopted SSGV (median)	90-110	8.35	31.00	24.00	6.5-8	94.60	9.00	0.20	0.02	0.02	1.00	0.10	30.00	3.00

Table 5-3 Toxicant SSGVs for WC-RS, TR-RS and YK-IS for June – November (Winter / Spring)

Parameter		Al	As	Cd	Cr	Cu	Cyanide	Fe	Pb	Mn	Hg	Ni	Ag	Zn	Ammonia	Nitrogen Oxides
Unit		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DGV		0.027	0.0008	0.0006	0.00001	0.001	0.004	0.3	0.001	1.2	0.0001	0.008	0.00002	0.0024	0.013	0.015
WC-RS	Min	0.015	0.0002	0.00001	0.00001	0.0001	0.001	0.01	0.001	0.001	0.00002	0.001	0.00001	0.001	0.01	0.01
	Max	0.750	0.0002	0.00001	0.00400	0.0001	0.001	0.46	0.001	0.004	0.00002	0.001	0.00001	0.003	0.01	0.10
	Adopted SSGV (median)	0.040	0.0003	0.00002	0.00001	0.0002	0.002	0.02	0.001	0.002	0.00003	0.001	0.00002	0.002	0.013	0.015
TR-RS	Min	0.015	0.0002	0.00001	0.00001	0.0001	0.001	0.01	0.001	0.001	0.00002	0.001	0.00001	0.0010	0.007	0.008
	Max	0.110	0.0002	0.00001	0.00001	0.0020	0.001	0.12	0.020	0.005	0.00002	0.001	0.00001	0.0020	0.800	0.400
	Adopted SSGV (median)	0.015	0.0003	0.00002	0.00001	0.0002	0.002	0.02	0.001	0.002	0.00003	0.001	0.00002	0.002	0.013	0.015
YK-RS	Min	0.015	0.0002	0.00001	0.00001	0.0001	0.001	0.01	0.001	0.001	0.00002	0.001	0.00001	0.001	0.007	0.008
	Max	0.860	0.0002	0.00001	0.00001	0.0020	0.001	0.64	0.004	0.037	0.00002	0.001	0.00001	0.026	0.007	0.100
	Adopted SSGV (median)	0.320	0.0003	0.00002	0.00001	0.0002	0.002	0.23	0.001	0.003	0.00003	0.001	0.00002	0.002	0.013	0.015

Table 5-4 Physico-chemical SSGVs for WC-RS, TR-RS and YK-IS for June – November (Winter / Spring)

Parameter		Dissolved Oxygen	DO	Specific EC	EC	pH	Redox	Turbidity	TN	TP	Reactive Phosphorous	Total Hardness	Total Kjeda hl Nitrogen (TKN)	TDS	TSS
	Unit	%	ppm	uS/cm	uS/cm	pH units	mV	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
DGV		90-110	-	-	30-350	6.5-8	-	2-25	0.25	0.02	0.015	-	-	-	0.2
WC-RS	Min	45.20	5.13	51.30	34.90	5.80	10.40	1.60	0.10	0.01	0.01	21.00	0.10	1.00	0.10
	Max	102.10	12.78	136.90	111.70	8.69	178.40	25.22	1.00	0.08	0.07	48.00	1.00	178.00	26.00
	Adopted SSGV (median)	89.70	10.28	88.00	60.85	6.5-8	98.40	5.12	0.20	0.02	0.015	30.00	0.20	39.00	1.00
TR-RS	Min	45.30	5.27	20.55	12.30	6.92	37.10	0.00	0.10	0.01	0.01	6.00	0.10	1.00	0.10
	Max	111.00	14.78	52.90	42.50	8.80	233.90	4.15	0.40	0.05	0.06	10.00	0.10	297.00	4.00
	Adopted SSGV (median)	95.50	11.53	38.70	26.20	6.5-8	95.40	1.56	0.20	0.02	0.015	8.00	0.20	15.00	0.20
YK-RS	Min	43.60	5.02	24.90	15.40	6.20	44.20	3.41	0.10	0.01	0.01	1.00	0.10	1.00	0.10
	Max	99.10	12.53	37.20	35.90	7.09	192.40	49.93	0.10	0.08	0.07	13.00	0.10	42.00	9.00
	Adopted SSGV (median)	88.70	10.20	27.90	20.50	6.5-8	106.10	7.87	0.20	0.02	0.02	7.00	0.20	10.00	0.20

The relevant SSGV for each impact site is provided in Table 5-5. Talbingo Reservoir is located downstream of Yorkers Creek and Yarrangobilly River. Although there is baseline water quality data for the reservoir, it has not been used as a reference site. Wallaces Creek has been assigned as the reference site for the impact sites at Lobs Hole, and Yorkers Creek reference site has been assigned for the impact sites in Bago State Forest.

Table 5-5 Relevant reference sites to impact sites

Reference site	Impact sites
Wallaces Creek (WC-RS)	WC-IS, LHG-IS, CG-IS, SSC-IS, YR1-IS, YR2-IS
Yorkers Creek (YK-RS)	NZG-IS, YK-IS, YK-IS (D/S)

Refer to Table 5-6 for the steps for reporting water quality monitoring results, and to the TARP (Figure 5-1), which is included in the Soil and Water Management Plan (UGL, 2023), following any exceedances of the SSGVs.

Table 5-6 Steps in reporting water quality

Step	Action
1.	Compare and describe water quality result to the SSGV. Refer to Table 5-5 for the relevant reference site.
2.	If results exceed the SSGV: 1. Take a water quality measurement upstream and downstream from the impact site. 2. Compare and describe the result to the seasonal maximum value of the SSGV. 3. Compare and describe the result to the seasonal natural variability of the site baseline data.
3.	If an exceedance in the SSGV is recorded, ensure the TARP is followed, refer to Figure 5-1.

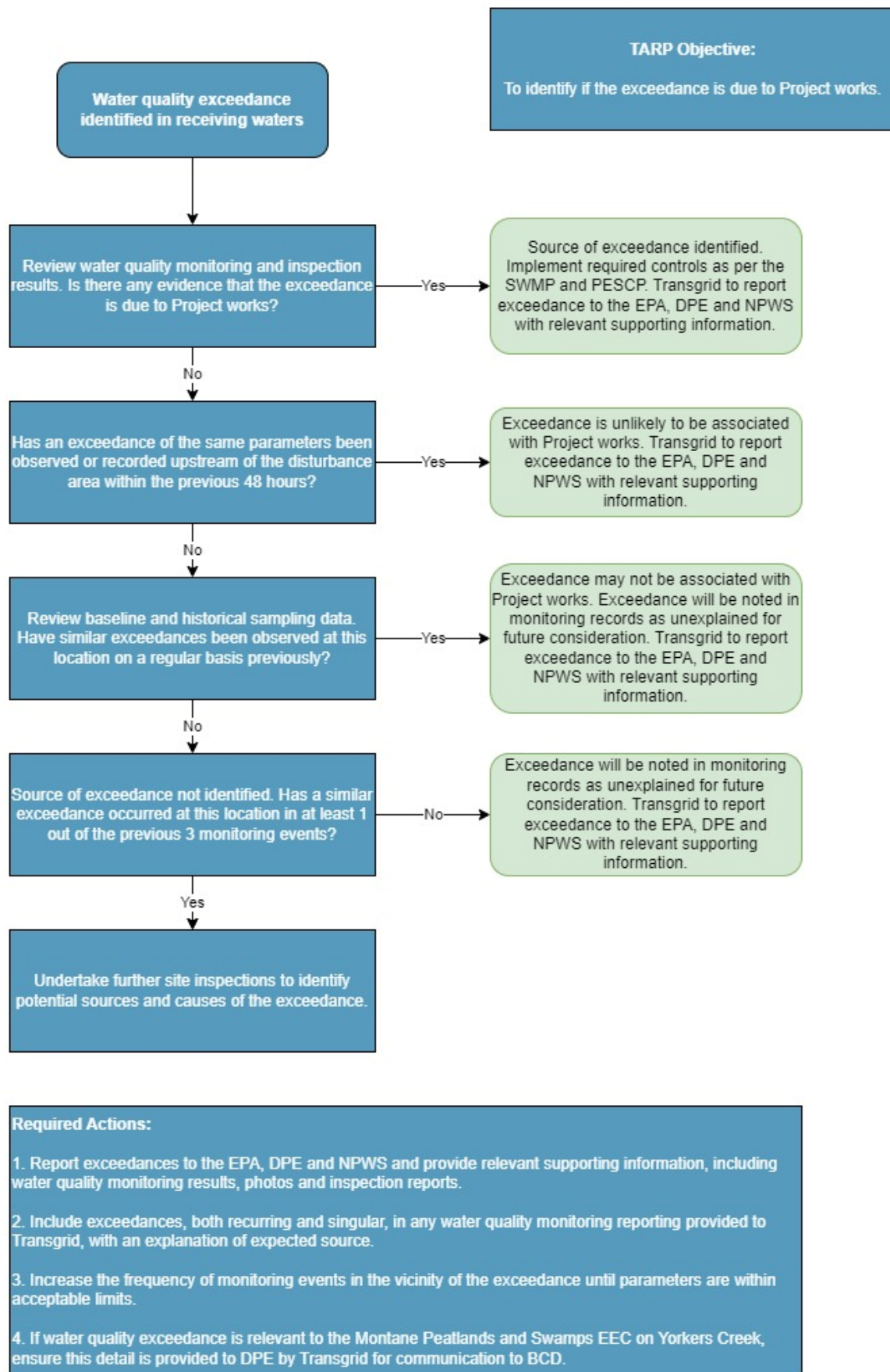
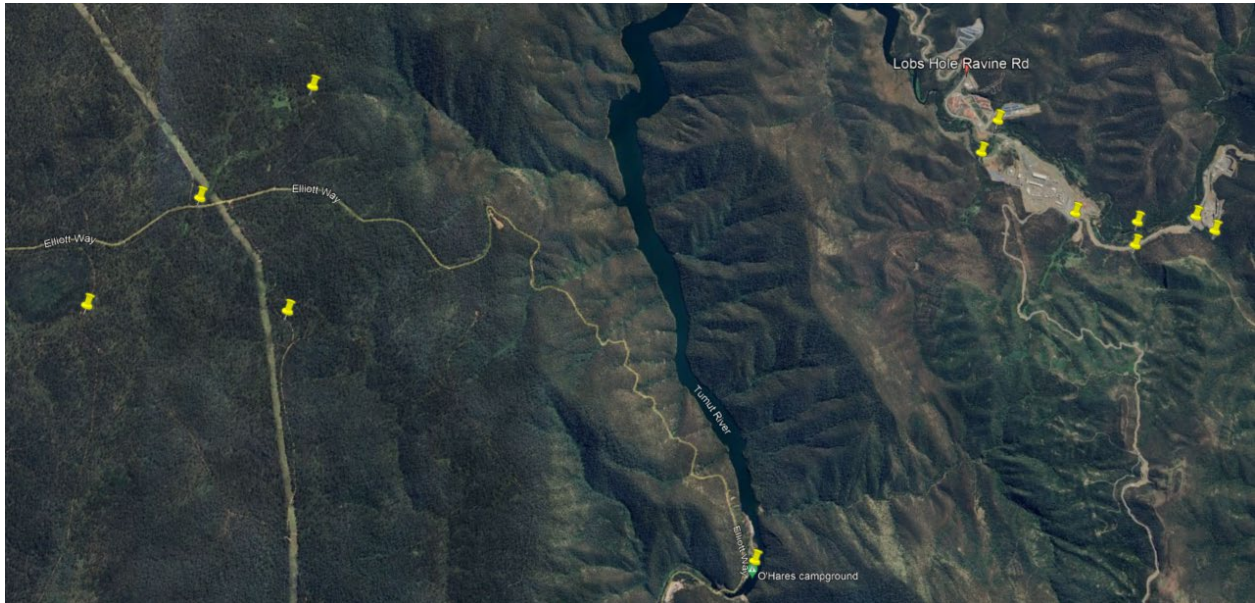


Figure 5-1 Water quality TARP

6. References

- ANZG. (2018). *Australian and New Zealand guidelines for fresh and marine water quality*. Australia and New Zealand Guidelines.
- B., C. M. (1989). Observations Less than the Analytical Limit Detection: A New Approach. *Journal of the Air and Waste Management Association*, 39:3, 328-329.
- Google. (2024). Google Earth Pro.
- Jacobs. (2020). *Snowy 2.0 Transmission Connection Project Environmental Impact Statement*.
- NGH. (2022). *Pre-construction Water Quality Monitoring Program and Methodology - Snowy 2.0 Transmission Connection Project*.
- Transgrid. (2021a). *Snowy 2.0 Transmission Connection Project Submissions Report*.
- Transgrid. (2021b). *Snowy 2.0 Transmission Connection Project Amendment Report*.
- UGL. (2022). *Construction Environmental Management Plan - Soil and Water Management Plan*. NGH Pty Ltd.

Appendix A Monitoring locations



Water quality monitoring locations (Google, 2024)



Lobs Hole water quality monitoring points (Google, 2024)



Wallaces Creek (WC-RS) upstream of clean water drain from EVCT (Google, 2024)

Appendix B Monitoring location photographs



Wallaces Creek (WC-RS)



Wallaces Creek (WC-IS)



Yarrangobilly River (YR1-IS)



Yarrangobilly River (YR2-IS)



Cave Gully (CG-IS)



Lick Hole Gully (LHG-IS)



Sheep Station Creek (SSC-IS)



Talbingo Reservoir (TR-RS)



Yorkers Creek downstream (YK-IS (D/S))



Yorkers Creek (YK-IS)



New Zealand Gully (NZG-IS)



Yorkers Creek (YK-RS)

Appendix C Monitoring event information

Event	Date/s	Monitoring location												Comments
		WC-IS	WC-RS	YR1-IS	CG-IS	LHG-IS	SSC-IS	YR2-IS	TR-RS	YK-IS (D/S)	YK-IS	NZG-IS	YK-RS	
1	16/03/2022	X	X	X	X	X	DRY	X	X	X	X	X	X	Light rainfall during late morning. SSC-IS was dry. LHG-IS was too low for probe to sample. Lab sample bottles filled using the lid of the bottle.
2	27/04/2022 28/04/2022	X	X	X	X	X	DRY	X	X	X	X	X	X	Light rainfall throughout day of 28/04 (3 mm recorded). Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Organic sheen observed on the sediment within channel adjacent to WC-RS. SSC-IS was dry. LHG-IS was too low for probe to sample. Lab sample bottles filled using the lid of the bottle.
3	30/05/2022 10/06/2022	X	X	-	X	-	X	-	-	X	X	X	X	Overcast with snowfall. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Increased flow as a result of wet weather. Sampling dates split due to weather causing road closures. Precipitation recorded at 13 mm on 10/06/2022.

Event	Date/s	Monitoring location												Comments
		WC-IS	WC-RS	YR1-IS	CG-IS	LHG-IS	SSC-IS	YR2-IS	TR-RS	YK-IS (D/S)	YK-IS	NZG-IS	YK-RS	
														TR-RS was inaccessible due to the snow. YR1-IS, YR2-IS and LHG-IS were skipped due to the timing of the last convoy out of Lobs Hole. YR1-IS and YR2-IS would have monthly data recorded at the Snowy 2.0 EPL points.
4	28/06/2022 29/06/2022	X	X	X	X	X	X	X	X	X	X	X	X	Generally, water flow was observed to be slightly turbid. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Flow increased as a result of wet weather or snow melt.
5	27/07/2022 28/07/2022	X	X	X	X	X	X	X	X	X	X	X	X	Generally, water flows observed to be clear. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Increased flow level as a result of wet weather or snow melt.
6	30/08/2022 31/08/2022	X	X	X	X	X	X	X	X	X	X	X	X	Generally, water flows observed to be clear. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Increased flow level as a result of wet weather or snow melt.

Event	Date/s	Monitoring location												Comments
		WC-IS	WC-RS	YR1-IS	CG-IS	LHG-IS	SSC-IS	YR2-IS	TR-RS	YK-IS (D/S)	YK-IS	NZG-IS	YK-RS	
7	11/10/2022 12/10/2022	X	X	X	X	X	X	X	X	X	X	X	X	Generally, water flows observed to be clear. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS.
8	26/10/2022 27/10/2022	X	X	X	X	X	X	X	X	X	X	X	X	Generally, water flows observed to be turbid. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Elevated flow level as a result of wet weather or snow melt compared to E1 and E2.
9	23/11/2022 24/11/2022	X	X	X	X	X	X	X	X	X	X	X	X	Generally, water flows observed to be turbid. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Elevated flow level as a result of wet weather or snow melt compared to E1 and E2.
10	15/12/2022 16/12/2022	X	X	X	X	X	X	X	X	X	X	X	X	Weather was recorded as rainy during the event. Generally, water flows observed to be relatively clear. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Elevated flow level as a result of wet weather or snow melt compared to E1 and E2.

Event	Date/s	Monitoring location												Comments
		WC-IS	WC-RS	YR1-IS	CG-IS	LHG-IS	SSC-IS	YR2-IS	TR-RS	YK-IS (D/S)	YK-IS	NZG-IS	YK-RS	
11	18/01/2023 19/01/2023	X	X	X	X	X	X	X	X	X	X	X	X	Generally, water flows observed to be clear. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Flows observed to have decreased in comparison to recent events.
12	22/02/2023 23/02/2023	X	X	X	X	X	DRY	X	X	X	X	X	X	Rainfall occurred during the event. Generally, low water flows observed to be clear. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Flows observed to have decreased in comparison to recent events. SSC-IS was dry so no samples obtained.
13	15/03/2023 16/03/2023	X	X	X	X	X	DRY	X	X	X	X	X	X	Generally, low water flows observed to be clear. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Flows observed to have decreased in comparison to recent events. SSC-IS was dry so no samples obtained. No data was obtained for Dissolved Oxygen (%) or Specific Conductance (µS/cm) due to technical issues with Water Quality Meter.
14	26/04/2023	X	X	X	X	X	X	X	X	X	X	X	X	Generally, low water flows observed to be clear.

Event	Date/s	Monitoring location												Comments
		WC-IS	WC-RS	YR1-IS	CG-IS	LHG-IS	SSC-IS	YR2-IS	TR-RS	YK-IS (D/S)	YK-IS	NZG-IS	YK-RS	
	27/04/2023													Water was observed to be cloudy at YK-IS. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Flows observed to have decreased in comparison to recent events. Seeping flows present at SSC-IS. Seepage not connected to the Yarrangobilly River.
15	06/06/2023 07/06/2023	X	X	X	X	X	X	X	X	X	X	X	X	Generally, shallow water flows observed to be clear. Algae observed at WC-RS, CG-IS and SSC-IS. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS.
16	28/06/2023 29/06/2023	X	X	X	X	X	X	X	X	X	X	X	X	Light rain recorded during the event. Generally, water flows observed to be clear. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. Flows observed to have increased in comparison to recent events.
17	26/07/2023 27/07/2023	X	X	X	X	X	X	X	X	X	X	X	X	Clear, low fast flows largely observed. Turbid (cloudy) flows noted at SSC-IS, YK-IS (D/S) and YK-IS. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. TR-RS at

Event	Date/s	Monitoring location												Comments
		WC-IS	WC-RS	YR1-IS	CG-IS	LHG-IS	SSC-IS	YR2-IS	TR-RS	YK-IS (D/S)	YK-IS	NZG-IS	YK-RS	
														its lowest level since E1.
18	28/08/2023 29/08/2023	X	X	X	X	X	X	X	X	X	X	X	X	Moderate to fast clear flows observed at most locations. Turbid (cloudy) flows noted at YK-IS (D/S), YK-IS and YK-RS. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. TR-RS replenished since E17.
19	27/09/2023 28/09/2023	X	X	X	X	X	X	X	X	X	X	X	X	Moderate to fast clear flows observed at most locations. Turbid (cloudy) flows noted at YK-IS (D/S), YK-IS and YK-RS. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. SSC-IS water level decreased since E18.
20	30/10/2023 31/10/2023	X	X	X	X	X	X	X	X	X	X	X	X	Light showers recorded on 31/10/2023. Moderate to fast clear flows observed at most locations. Algae noted at CG-IS. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS.
21	23/11/2023 24/11/2023	X	X	X	X	X	DRY	X	X	X	X	X	X	Ligh rain recorded on 23/11/2023. Moderate to fast clear flows observed at most locations. Algae

Event	Date/s	Monitoring location												Comments
		WC-IS	WC-RS	YR1-IS	CG-IS	LHG-IS	SSC-IS	YR2-IS	TR-RS	YK-IS (D/S)	YK-IS	NZG-IS	YK-RS	
														noted at CG-IS. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. SSC-IS was dry so no samples obtained.
22	13/12/2023	X	X	X	X	X	X	X	X	X	X	X	X	Slow to moderate clear low flows observed at most locations. Algae coverage increased at CG-IS. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS.
23	30/01/2024	X	X	X	X	X	X	X	X	X	X	X	X	Clear, low flows observed at most locations. Algae coverage has decreased at CG-IS while aquatic vegetation increased. Bank erosion from hooved animals observed at NZG-IS, YK-IS and YK-RS. A section of the bank at NZG-IS had collapsed into the stream.
24	22/02/2024	X	X	X	X	X	DRY	X	X	X	X	X	X	Clear, low flows observed at most locations. Algae coverage decreased at CG-IS while aquatic vegetation increased. A potential hydrocarbon sheen detected at LHG-IS, potentially high tannin levels, resulting from a mob of kangaroos passing through the stream prior to sampling. Bank erosion from hooved



Event	Date/s	Monitoring location												Comments
		WC-IS	WC-RS	YR1-IS	CG-IS	LHG-IS	SSC-IS	YR2-IS	TR-RS	YK-IS (D/S)	YK-IS	NZG-IS	YK-RS	
														animals observed at NZG-IS, YK-IS and YK-RS. A section of the bank at NZG-IS had collapsed into the stream. SSC-IS was dry so no samples obtained.



220013 Pre-construction WQM			Sheen/ oil/ grease	Temp. (°C)	Dissolved Oxygen (DO %)	DO (ppm)	Specific EC (SPC uS/cm)	EC (uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Al (mg/L)	As (mg/L)	Cd (mg/L)	Cr (mg/L)	Cu (mg/L)	Cyanide (mg/L)	Fe (mg/L)	Pb (mg/L)	Mn (mg/L)	Hg (mg/L)	Ni (mg/L)	TN (mg/L)	TP (mg/L)	Ag (mg/L)	Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides	Reactive Phosphorous	Total Hardness (CaCO3)	Total Kjeda hl Nitrogen (TKN)	TDS (mg/L)	TSS (mg/L)
	Average			12.68	86.13	8.85	30.26	23.39	6.75	102.73	12.52	0.37	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.01	0.00	0.00	0.38	0.02	0.00	0.00	0.01	0.04	0.02	4.77	0.14	21.25	2.89
	Count			24.00	22.00	24.00	22.00	24.00	24.00	24.00	23.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	13.00	24.00	13.00	13.00	24.00	24.00	24.00
	St. Dev			5.73	13.66	1.85	5.80	6.59	0.35	38.27	11.23	0.28	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.01	0.00	0.00	1.21	0.02	0.00	0.01	0.00	0.03	0.02	4.46	0.18	18.72	3.59
	Median			12.85	88.90	8.70	29.30	21.45	6.65	102.60	8.25	0.36	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.10	0.02	0.00	0.00	0.01	0.05	0.01	1.00	0.10	19.00	0.10

Appendix E Laboratory certificates

NGH Environmental
35 Kincaid Street
Wagga Wagga NSW 2650
Attention: Nicola Smith

Thursday, April 28, 2022



NATA Accredited Laboratory
Number: 9597

Accredited for compliance with
ISO/IEC 17025 - Testing

REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 20/04/2022

Report Number: 2203-0069

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For all enquiries related to this report please quote document number: 2203-0069

Facility:	Order #	Date Analysis Commenced
		17-March-2022

Sample Type	Collected By	Date Received
Water	N. Smith	17-March-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Mar-0189	YK-IS 16.03.22 3.23pm	Aluminium (dissolved)	0.41 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.0002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.49 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.011 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nitrogen, total	2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000
		Total Dissolved Solids	20 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	2 mg/L	LTM-W-034	2
		Total Suspended Solids	8 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Mar-0190	YK-RS 16.03.22 3.32pm	Aluminium (dissolved)	0.35 mg/L	APHA 3030 B/3120 B	0.03
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NGH Environmental

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Facility:	Order #	Date Analysis Commenced
		17-March-2022

Sample Type	Collected By	Date Received
Water	N. Smith	17-March-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Mar-0190	YK-RS 16.03.22 3.32pm	Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.0002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.45 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000
		Total Dissolved Solids	20 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	0.2
		Total Suspended Solids	<2 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Mar-0191	YK-IS (DIS) 16.03.22 1.33pm	Aluminium (dissolved)	0.26 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003

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Report Number: 2203-0069

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For all enquiries related to this report please quote document number: 2203-0069

Facility:	Order #	Date Analysis Commenced
		17-March-2022

Sample Type	Collected By	Date Received
Water	N. Smith	17-March-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Mar-0191	YK-IS (DIS) 16.03.22 1.33pm	Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.0002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.39 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nitrogen, total	2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000
		Total Dissolved Solids	22 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	2 mg/L	LTM-W-034	2
		Total Suspended Solids	<2 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Mar-0192	NZG-IS 16.03.22 2.53pm	Aluminium (dissolved)	0.14 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000

NGH Environmental
35 Kincaid Street
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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 20/04/2022

Report Number: 2203-0069

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For all enquiries related to this report please quote document number: 2203-0069

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		17-March-2022

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	17-March-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Mar-0192	NZG-IS 16.03.22 2.53pm	Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.0002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.21 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nitrogen, total	3 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000
		Total Dissolved Solids	43 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	3 mg/L	LTM-W-034	2
		Total Suspended Solids	<2 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Mar-0193	TR-RS 16.03.22 1.03pm	Aluminium (dissolved)	<0.02 mg/L	APHA 3030 B/3120 B	0.02
		Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000

NGH Environmental

35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith

Thursday, April 28, 2022



NATA Accredited Laboratory
Number: 9597

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REPLACEMENT LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		17-March-2022

Sample Type	Collected By	Date Received
Water	N. Smith	17-March-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Mar-0193	TR-RS 16.03.22 1.03pm	Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.0002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000
		Total Dissolved Solids	43 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	0.2
		Total Suspended Solids	<2 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Mar-0194	WC-RS 16.03.22 8.45am	Aluminium (dissolved)	<0.02 mg/L	APHA 3030 B/3120 B	0.02
		Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.0002

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35 Kincaid Street

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Facility:	Order #	Date Analysis Commenced
		17-March-2022

Sample Type	Collected By	Date Received
Water	N. Smith	17-March-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Mar-0194	WC-RS 16.03.22 8.45am	Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.011 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nitrogen, total	3 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000
		Total Dissolved Solids	12 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	3 mg/L	LTM-W-034	2
		Total Suspended Solids	<2 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Mar-0195	LHG-IS 16.03.22 10.30am	Aluminium (dissolved)	<0.02 mg/L	APHA 3030 B/3120 B	0.02
		Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002

NGH Environmental
35 Kincaid Street
Wagga Wagga NSW 2650
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Thursday, April 28, 2022



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Facility:	Order #	Date Analysis Commenced
		17-March-2022

Sample Type	Collected By	Date Received
Water	N. Smith	17-March-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Mar-0195	LHG-IS 16.03.22 10.30am	Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nitrogen, total	2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000
		Total Dissolved Solids	348 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	2 mg/L	LTM-W-034	2
		Total Suspended Solids	<2 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Mar-0196	CG-IS 16.03.22 9.20am	Aluminium (dissolved)	<0.02 mg/L	APHA 3030 B/3120 B	0.02
		Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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Facility:	Order #	Date Analysis Commenced
		17-March-2022

Sample Type	Collected By	Date Received
Water	N. Smith	17-March-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Mar-0196	CG-IS 16.03.22 9.20am	Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000
		Total Dissolved Solids	317 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	0.2
		Total Suspended Solids	<2 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Mar-0197	YR1-IS 16.03.22 9.44am	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.0002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001

NGH Environmental

Thursday, April 28, 2022

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		17-March-2022

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	17-March-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Mar-0197	YR1-IS 16.03.22 9.44am	Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000
		Total Dissolved Solids	69 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	0.2
		Total Suspended Solids	<2 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Mar-0198	YR2-IS 16.03.22 10.52am	Aluminium (dissolved)	<0.02 mg/L	APHA 3030 B/3120 B	0.02
		Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.0002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001

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35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



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Facility:	Order #	Date Analysis Commenced
		17-March-2022

Sample Type	Collected By	Date Received
Water	N. Smith	17-March-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Mar-0198	YR2-IS 16.03.22 10.52am	Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000
		Total Dissolved Solids	74 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	0.2
		Total Suspended Solids	2 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Mar-0198	WC-IS 16.03.22 9.00am	Aluminium (dissolved)	<0.02 mg/L	APHA 3030 B/3120 B	0.02
		Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.0002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.011 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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Facility:	Order #	Date Analysis Commenced
		17-March-2022

Sample Type	Collected By	Date Received
Water	N. Smith	17-March-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Mar-0199	WC-IS 16.03.22 9.00am	Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000
		Total Dissolved Solids	80 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	0.2
		Total Suspended Solids	3 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Mar-0200	DUP01 16.03.22	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.0002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001

NGH Environmental

Thursday, April 28, 2022

35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



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		17-March-2022

Sample Type	Collected By	Date Received
Water	N. Smith	17-March-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Mar-0200	DUP01 16.03.22	Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000
		Total Dissolved Solids	69 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	0.2
		Total Suspended Solids	<2 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Mar-0201	Water Blank 16.03.22	Aluminium (dissolved)	<0.02 mg/L	APHA 3030 B/3120 B	0.02
		Arsenic (dissolved)	<0.0003 mg/L	APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.0002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.0000

NGH Environmental
35 Kincaid Street
Wagga Wagga NSW 2650
Attention: Nicola Smith

Thursday, April 28, 2022



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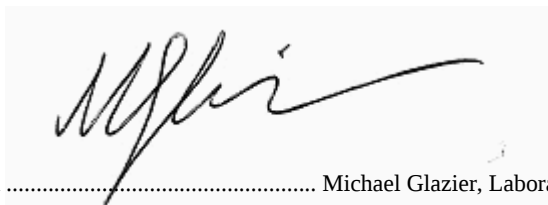
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			17-March-2022		
<u>Sample Type</u>	<u>Collected By</u>		<u>Date Received</u>		
Water	N. Smith		17-March-2022		
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Mar-0201	Water Blank 16.03.22				
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Suspended Solids	<2 mg/L	APHA 2540 D	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.



Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

NGH Environmental
Suite 1/39 Fitzmaurice Street
Wagga Wagga NSW 2650
Attention: Nicole Isles

Friday, August 19, 2022



NATA Accredited Laboratory
Number: 9597

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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 16/06/2022

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Facility:	Order #	Date Analysis Commenced
		29-April-2022

Sample Type	Collected By	Date Received
Water	Client	29-April-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Apr-0276	WC-RS 28.04.22 8.41am	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Apr-0277	WC-IS 28.04.22 9.00am
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NGH Environmental
Suite 1/39 Fitzmaurice Street
Wagga Wagga NSW 2650
Attention: Nicole Isles

Friday, August 19, 2022



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REPLACEMENT LABORATORY ANALYSIS REPORT

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For all enquiries related to this report please quote document number: 2204-0099

Facility:	Order #	Date Analysis Commenced
		29-April-2022

Sample Type	Collected By	Date Received
Water	Client	29-April-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Apr-0277	WC-IS 28.04.22 9.00am	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	0.8 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	0.8 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	63 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Apr-0278	CG-IS 28.04.22 9.22am
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Wagga Wagga NSW 2650
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Friday, August 19, 2022



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For all enquiries related to this report please quote document number: 2204-0099

Facility:	Order #	Date Analysis Commenced
		29-April-2022

Sample Type	Collected By	Date Received
Water	Client	29-April-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Apr-0278	CG-IS 28.04.22 9.22am	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	293 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Apr-0279	YR1-IS 28.04.22 9.43am
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NGH Environmental

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Wagga Wagga NSW 2650

Attention: Nicole Isles

Friday, August 19, 2022



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Facility:	Order #	Date Analysis Commenced
		29-April-2022

Sample Type	Collected By	Date Received
Water	Client	29-April-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Apr-0279	YR1-IS 28.04.22 9.43am	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	50 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Apr-0280	LHG-IS 28.04.22 10.10am
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Facility:	Order #	Date Analysis Commenced
		29-April-2022

Sample Type	Collected By	Date Received
Water	Client	29-April-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Apr-0280	LHG-IS 28.04.22 10.10am	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	353 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Apr-0281	YR2-IS 28.04.22 10.50am
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Facility:	Order #	Date Analysis Commenced
		29-April-2022

Sample Type	Collected By	Date Received
Water	Client	29-April-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Apr-0281	YR2-IS 28.04.22 10.50am	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	39 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Apr-0282	TR-RS 28.04.22 1.08pm				

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REPLACEMENT LABORATORY ANALYSIS REPORT

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For all enquiries related to this report please quote document number: 2204-0099

Facility:	Order #	Date Analysis Commenced
		29-April-2022

Sample Type	Collected By	Date Received
Water	Client	29-April-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Apr-0282	TR-RS 28.04.22 1.08pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	1.1 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	1.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	12 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Apr-0283	YK-IS (d/s) 27.04.22 4.37pm
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Facility:	Order #	Date Analysis Commenced
		29-April-2022

Sample Type	Collected By	Date Received
Water	Client	29-April-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Apr-0283	YK-IS (d/s) 27.04.22 4.37pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.15 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	0.2 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	14 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Apr-0284	NZG-IS 27.04.22 5.15pm
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NGH Environmental

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Friday, August 19, 2022



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REPLACEMENT LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		29-April-2022

Sample Type	Collected By	Date Received
Water	Client	29-April-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Apr-0284	NZG-IS 27.04.22 5.15pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	52 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Apr-0285	YK-IS 27.04.22 5.30pm
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Friday, August 19, 2022



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Facility:	Order #	Date Analysis Commenced
		29-April-2022

Sample Type	Collected By	Date Received
Water	Client	29-April-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Apr-0285	YK-IS 27.04.22 5.30pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.20 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	24 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	7 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Apr-0286	YK-RS 28.04.22 1.31pm
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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 16/06/2022

Report Number: 2204-0099

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For all enquiries related to this report please quote document number: 2204-0099

Facility:	Order #	Date Analysis Commenced
		29-April-2022

Sample Type	Collected By	Date Received
Water	Client	29-April-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Apr-0286	YK-RS 28.04.22 1.31pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.19 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	30 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	6 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Apr-0287 DUP01
28.04.22

NGH Environmental
Suite 1/39 Fitzmaurice Street
Wagga Wagga NSW 2650
Attention: Nicole Isles

Friday, August 19, 2022



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REPLACEMENT LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		29-April-2022

Sample Type	Collected By	Date Received
Water	Client	29-April-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Apr-0287	DUP01 28.04.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Apr-0288	Water Blank 27.04.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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<u>Facility:</u>		<u>Order #</u>	<u>Date Analysis Commenced</u>		
			29-April-2022		
<u>Sample Type</u>	<u>Collected By</u>		<u>Date Received</u>		
Water	Client		29-April-2022		
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Apr-0288	Water Blank 27.04.22	Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

NGH Environmental
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		29-April-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-April-2022
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
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Attention: Nicole Isles

Friday, August 19, 2022



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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 09/07/2022

Report Number: 2205-0097

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For all enquiries related to this report please quote document number: 2205-0097

Facility:	Order #	Date Analysis Commenced
		31-May-2022

Sample Type	Collected By	Date Received
Water	N. Smith	31-May-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22May-0311	YK-DS 30.05.22 2.31pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.17 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	44 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	104 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	0.010 mg/L	APHA 3030 B/3120 B	0.002

22May-0312	YK-IS 30.05.22 2.31pm
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Facility:	Order #	Date Analysis Commenced
		31-May-2022

Sample Type	Collected By	Date Received
Water	N. Smith	31-May-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22May-0312	YK-IS 30.05.22 2.31pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.08 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	46 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	36 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22May-0313 YK-RS
30.05.22 2.31pm

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Facility:	Order #	Date Analysis Commenced
		31-May-2022

Sample Type	Collected By	Date Received
Water	N. Smith	31-May-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22May-0313	YK-RS 30.05.22 2.31pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.05 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	40 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	3 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	0.010 mg/L	APHA 3030 B/3120 B	0.002

22May-0314 NZG-IS
30.05.22 2.31pm

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Facility:	Order #	Date Analysis Commenced
		31-May-2022

Sample Type	Collected By	Date Received
Water	N. Smith	31-May-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22May-0314	NZG-IS 30.05.22 2.31pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.12 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	48 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	53 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22May-0315 DUP01
30.05.22 2.31pm

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Facility:	Order #	Date Analysis Commenced
		31-May-2022

Sample Type	Collected By	Date Received
Water	N. Smith	31-May-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22May-0315	DUP01 30.05.22 2.31pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22May-0316	Water Blank 30.05.22 2.31pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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Facility:	Order #	Date Analysis Commenced
		31-May-2022

Sample Type	Collected By	Date Received
Water	N. Smith	31-May-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22May-0316	Water Blank 30.05.22 2.31pm				
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	17 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

NGH Environmental
Suite 1/39 Fitzmaurice Strret
Wagga Wagga NSW 2650
Attention: Nicole Isles

Friday, August 19, 2022

NATA Accredited Laboratory
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REPLACEMENT LABORATORY ANALYSIS REPORT

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		31-May-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	31-May-2022
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 12/07/2022

Report Number: 2206-0046

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For all enquiries related to this report please quote document number: 2206-0046

Facility:	Order #	Date Analysis Commenced
		14-June-2022

Sample Type	Collected By	Date Received
Water	Client	14-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0103	WC-RS 10.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.08 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	50 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	52 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0104 WC-IS
10.06.22

NGH Environmental

Suite 1/39 Fitzmaurice Street

Wagga Wagga NSW 2650

Attention: Nicole Isles

Friday, August 19, 2022



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For all enquiries related to this report please quote document number: 2206-0046

Facility:	Order #	Date Analysis Commenced
		14-June-2022

Sample Type	Collected By	Date Received
Water	Client	14-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0104	WC-IS 10.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	41 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	42 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0105 DUP01
10.06.22

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Facility:	Order #	Date Analysis Commenced
		14-June-2022

Sample Type	Collected By	Date Received
Water	Client	14-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0105	DUP01 10.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Jun-0106	CG-IS 10.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		14-June-2022

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	14-June-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Jun-0106	CG-IS 10.06.22	Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	270 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	40 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0107	SSC-IS 10.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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<u>Facility:</u>		<u>Order #</u>	<u>Date Analysis Commenced</u>		
			14-June-2022		
<u>Sample Type</u>	<u>Collected By</u>		<u>Date Received</u>		
Water	Client		14-June-2022		
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Jun-0107	SSC-IS 10.06.22	Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	84 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	8 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

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Friday, August 19, 2022

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REPLACEMENT LABORATORY ANALYSIS REPORT

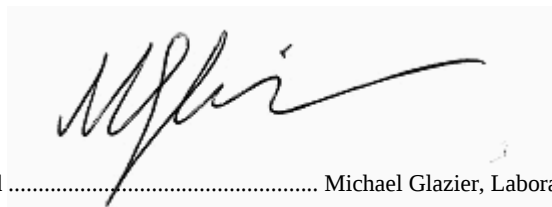
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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		14-June-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	14-June-2022
<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>
	Date/Time sample taken	
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>



Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

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Attention: Nicole Isles

Wednesday, September 28, 2022



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Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0255	WC-RS 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	19 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0256 WC-IS
28.06.22

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Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0256	WC-IS 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.04 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	27 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0257	YR1-IS 28.06.22
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Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0257	YR1-IS 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	33 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0258	CG-IS 28.06.22
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Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0258	CG-IS 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.05 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	266 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0259 LHG-IS
28.06.22

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Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0259	LHG-IS 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	294 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0260 YR2-IS
28.06.22

NGH Environmental

Suite 1/39 Fitzmaurice Street

Wagga Wagga NSW 2650

Attention: Nicole Isles

Wednesday, September 28, 2022



NATA Accredited Laboratory
Number: 9597

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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 24/08/2022

Report Number: 2206-0100

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For all enquiries related to this report please quote document number: 2206-0100

Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0260	YR2-IS 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	38 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0261	SSC-IS 28.06.22
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NGH Environmental

Suite 1/39 Fitzmaurice Street

Wagga Wagga NSW 2650

Attention: Nicole Isles

Wednesday, September 28, 2022



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REPLACEMENT LABORATORY ANALYSIS REPORT

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Report Number: 2206-0100

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For all enquiries related to this report please quote document number: 2206-0100

Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0261	SSC-IS 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	69 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0262 TR-RS
28.06.22

NGH Environmental

Suite 1/39 Fitzmaurice Street

Wagga Wagga NSW 2650

Attention: Nicole Isles

Wednesday, September 28, 2022



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REPLACEMENT LABORATORY ANALYSIS REPORT

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For all enquiries related to this report please quote document number: 2206-0100

Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0262	TR-RS 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	7 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0263	YK-IS(DIS) 28.06.22
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NGH Environmental
Suite 1/39 Fitzmaurice Street
Wagga Wagga NSW 2650
Attention: Nicole Isles

Wednesday, September 28, 2022



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REPLACEMENT LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0263	YK-IS(DIS) 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	18 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0264 YK-IS
28.06.22

NGH Environmental

Suite 1/39 Fitzmaurice Street

Wagga Wagga NSW 2650

Attention: Nicole Isles

Wednesday, September 28, 2022



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REPLACEMENT LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0264	YK-IS 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	15 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0265	NZG-IS 28.06.22
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NGH Environmental

Suite 1/39 Fitzmaurice Street

Wagga Wagga NSW 2650

Attention: Nicole Isles

Wednesday, September 28, 2022



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Number: 9597

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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 24/08/2022

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For all enquiries related to this report please quote document number: 2206-0100

Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0265	NZG-IS 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	22 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0266 YK-RS
28.06.22

NGH Environmental
Suite 1/39 Fitzmaurice Street
Wagga Wagga NSW 2650
Attention: Nicole Isles

Wednesday, September 28, 2022



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REPLACEMENT LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0266	YK-RS 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	14 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	4 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jun-0267
DUP01
28.06.22

NGH Environmental
Suite 1/39 Fitzmaurice Street
Wagga Wagga NSW 2650
Attention: Nicole Isles

Wednesday, September 28, 2022



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REPLACEMENT LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jun-0267	DUP01 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Jun-0268	Water Blank 28.06.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

NGH Environmental
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Wagga Wagga NSW 2650
Attention: Nicole Isles

Wednesday, September 28, 2022



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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 24/08/2022

Report Number:2206-0100

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For all enquiries related to this report please quote document number: 2206-0100

Facility:	Order #	Date Analysis Commenced
		29-June-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-June-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Jun-0268	Water Blank 28.06.22				
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

NGH Environmental
Suite 1/39 Fitzmaurice Strret
Wagga Wagga NSW 2650
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Wednesday, September 28, 2022

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REPLACEMENT LABORATORY ANALYSIS REPORT

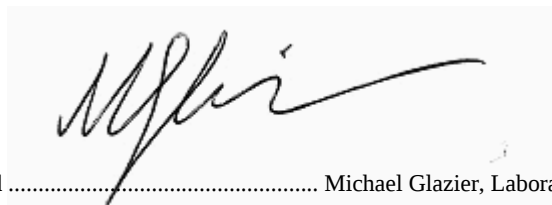
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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		29-June-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	29-June-2022
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>



Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

NGH Environmental

Suite 1/39 Fitzmaurice Street

Wagga Wagga NSW 2650

Attention: Nicole Isles

Wednesday, September 28, 2022



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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 19/08/2022

Report Number: 2207-0086

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For all enquiries related to this report please quote document number: 2207-0086

Facility:	Order #	Date Analysis Commenced
		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0278	WC-RS 27.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	56 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jul-0279	WC-IS 27.07.22
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NGH Environmental
Suite 1/39 Fitzmaurice Street
Wagga Wagga NSW 2650
Attention: Nicole Isles

Wednesday, September 28, 2022



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Facility:	Order #	Date Analysis Commenced
		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0279	WC-IS 27.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	48 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jul-0280 CG-IS
27.07.22

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		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0280	CG-IS 27.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	293 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jul-0281	YR1-IS 27.07.22
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		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0281	YR1-IS 27.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	53 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jul-0282	LHG-IS 27.07.22
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		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0282	LHG-IS 27.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.010 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	319 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jul-0283 YR2-IS
27.07.22

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		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0283	YR2-IS 27.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	57 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jul-0284 SSC-IS
27.07.22

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Wednesday, September 28, 2022



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		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0284	SSC-IS 27.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	84 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jul-0285	TR-RS 28.07.22
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Facility:	Order #	Date Analysis Commenced
		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0285	TR-RS 28.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	20 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jul-0286	YK-IS(d/s) 28.07.22
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Facility:	Order #	Date Analysis Commenced
		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0286	YK-IS(d/s) 28.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	31 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	8 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jul-0287	NZG-IS 28.07.22
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Facility:	Order #	Date Analysis Commenced
		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0287	NZG-IS 28.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	34 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	4 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jul-0288 YK-IS
28.07.22

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Facility:	Order #	Date Analysis Commenced
		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0288	YK-IS 28.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	30 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	11 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jul-0289	YK-RS 28.07.22
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NGH Environmental

Suite 1/39 Fitzmaurice Street

Wagga Wagga NSW 2650

Attention: Nicole Isles

Wednesday, September 28, 2022



NATA Accredited Laboratory
Number: 9597

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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 19/08/2022

Report Number: 2207-0086

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For all enquiries related to this report please quote document number: 2207-0086

Facility:	Order #	Date Analysis Commenced
		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0289	YK-RS 28.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	25 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Jul-0290	DUP01 27.07.22
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		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0290	DUP01 27.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Jul-0293	Water Blank 27.07.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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		29-July-2022

Sample Type	Collected By	Date Received
Water	N. Smith	29-July-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Jul-0293	Water Blank 27.07.22				
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	4 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

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		29-July-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	29-July-2022
<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>
	Date/Time sample taken	
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

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Monday, September 19, 2022



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LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		01-September-2022

Sample Type	Collected By	Date Received
Water	N. Smith	01-September-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Sep-0003	WC-RS 30.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	44 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	6 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Sep-0004 WC-IS
30.08.22

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		01-September-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	01-September-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Sep-0004	WC-IS 30.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	47 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	6 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Sep-0005	CG-IS 30.08.22				

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		01-September-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	01-September-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Sep-0005	CG-IS 30.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.04 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	293 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	55 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Sep-0006	YRI-RS 30.08.22				

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Facility:	Order #	Date Analysis Commenced
		01-September-2022

Sample Type	Collected By	Date Received
Water	N. Smith	01-September-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Sep-0006	YRI-RS 30.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	36 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	13 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Sep-0007 LHG-IS
30.08.22

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Facility:	Order #	Date Analysis Commenced
		01-September-2022

Sample Type	Collected By	Date Received
Water	N. Smith	01-September-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Sep-0007	LHG-IS 30.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	268 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	6 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Sep-0008 YR2-RS
30.08.22

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Facility:	Order #	Date Analysis Commenced
		01-September-2022

Sample Type	Collected By	Date Received
Water	N. Smith	01-September-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Sep-0008	YR2-RS 30.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	47 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	12 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Sep-0009 SSC-IS
30.08.22

NGH Environmental
Suite 1/39 Fitzmaurice Street
Wagga Wagga NSW 2650
Attention: Nicole Isles

Monday, September 19, 2022



NATA Accredited Laboratory
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LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		01-September-2022

Sample Type	Collected By	Date Received
Water	N. Smith	01-September-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Sep-0009	SSC-IS 30.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	81 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	3 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Sep-0010	TR-RS 31.08.22
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Facility:	Order #	Date Analysis Commenced
		01-September-2022

Sample Type	Collected By	Date Received
Water	N. Smith	01-September-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Sep-0010	TR-RS 31.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.08 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	27 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Sep-0011	YK-IS(d/s) 31.08.22
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Facility:	Order #	Date Analysis Commenced
		01-September-2022

Sample Type	Collected By	Date Received
Water	N. Smith	01-September-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Sep-0011	YK-IS(d/s) 31.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.04 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	24 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	6 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Sep-0012	NZG-IS 31.08.22
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Facility:	Order #	Date Analysis Commenced
		01-September-2022

Sample Type	Collected By	Date Received
Water	N. Smith	01-September-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Sep-0012	NZG-IS 31.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	31 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	6 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Sep-0013 YK-IS
31.08.22

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Facility:	Order #	Date Analysis Commenced
		01-September-2022

Sample Type	Collected By	Date Received
Water	N. Smith	01-September-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Sep-0013	YK-IS 31.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	19 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Sep-0014 YK-RS
31.08.22

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Facility:	Order #	Date Analysis Commenced
		01-September-2022

Sample Type	Collected By	Date Received
Water	N. Smith	01-September-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Sep-0014	YK-RS 31.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	18 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Sep-0015 DUP01
30.08.22

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Facility:	Order #	Date Analysis Commenced
		01-September-2022

Sample Type	Collected By	Date Received
Water	N. Smith	01-September-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Sep-0015	DUP01 30.08.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Sep-0016	Water Blank	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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<u>Facility:</u>		<u>Order #</u>	<u>Date Analysis Commenced</u>		
			01-September-2022		
<u>Sample Type</u>	<u>Collected By</u>		<u>Date Received</u>		
Water	N. Smith		01-September-2022		
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Sep-0016	Water Blank				
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

NGH Environmental
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		01-September-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	01-September-2022
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
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This report replaces any previously issued report

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Thursday, January 19, 2023



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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 09/11/2022

Report Number: 2210-0036

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For all enquiries related to this report please quote document number: 2210-0036

Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0097	WC-RS 11.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	53 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	6 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0098 WC-IS
11.10.22

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Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0098	WC-IS 11.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	4 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	3 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0098 CG-IS
11.10.22

NGH Environmental
Suite 1/39 Fitzmaurice Strret
Wagga Wagga NSW 2650
Attention: Nicole Isles

Thursday, January 19, 2023



NATA Accredited Laboratory
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REPLACEMENT LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0099	CG-IS 11.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	243 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	4 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0100 YR1-RS
11.10.22

NGH Environmental
Suite 1/39 Fitzmaurice Street
Wagga Wagga NSW 2650
Attention: Nicole Isles

Thursday, January 19, 2023



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Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0100	YR1-RS 11.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	38 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	3 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0101 LHG-IS
11.10.22

NGH Environmental

Suite 1/39 Fitzmaurice Street

Wagga Wagga NSW 2650

Attention: Nicole Isles

Thursday, January 19, 2023



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Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0101	LHG-IS 11.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	271 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0102 YR2-RS
11.10.22

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		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0102	YR2-RS 11.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	67 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0103 SSC-IS
11.10.22

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Thursday, January 19, 2023



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Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0103	SSC-IS 11.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.25 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	96 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0104 TR-RS
12.10.22

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Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0104	TR-RS 12.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	52 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	4 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0105	YK-IS(d/s) 12.10.22
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NGH Environmental

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Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0105	YK-IS(d/s) 12.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	43 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	18 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0106	NZG-IS 12.10.22
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Suite 1/39 Fitzmaurice Street
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Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0106	NZG-IS 12.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	44 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	9 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0107 YK-IS
12.10.22

NGH Environmental
Suite 1/39 Fitzmaurice Street
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Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0107	YK-IS 12.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.09 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	39 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	11 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0108 YK-RS
12.10.22

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Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0108	YK-RS 12.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.12 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	40 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	9 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0109 DUP01
12.10.22

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Attention: Nicole Isles

Thursday, January 19, 2023



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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 09/11/2022

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For all enquiries related to this report please quote document number: 2210-0036

Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0109	DUP01 12.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Oct-0110	Water Blank 12.10.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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Facility:	Order #	Date Analysis Commenced
		13-October-2022

Sample Type	Collected By	Date Received
Water	Client	13-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0110	Water Blank 12.10.22				
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	13 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>			
		13-October-2022			
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>			
Water	Client	13-October-2022			
<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
	Date/Time sample taken				

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
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This report replaces any previously issued report

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Thursday, January 19, 2023



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REPLACEMENT LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		28-October-2022

Sample Type	Collected By	Date Received
Water	N. Smith	28-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0277	WC-RS 26.10.22 2.09pm	Aluminium (dissolved)	0.079 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.08 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	39 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0278	WC-IS 26.10.22 2.18pm
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Facility:	Order #	Date Analysis Commenced
		28-October-2022

Sample Type	Collected By	Date Received
Water	N. Smith	28-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0278	WC-IS 26.10.22 2.18pm	Aluminium (dissolved)	0.076 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	4 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0279	CG-IS 26.10.22 2.38pm
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		28-October-2022

Sample Type	Collected By	Date Received
Water	N. Smith	28-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0279	CG-IS 26.10.22 2.38pm	Aluminium (dissolved)	0.088 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	35 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0280	YRI-IS 26.10.22 2.51pm
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Facility:	Order #	Date Analysis Commenced
		28-October-2022

Sample Type	Collected By	Date Received
Water	N. Smith	28-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0280	YRI-IS 26.10.22 2.51pm	Aluminium (dissolved)	1.06 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.52 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.011 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.35 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	277 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	450 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0281	LGH-IS 26.10.22 3.07pm
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Facility:	Order #	Date Analysis Commenced
		28-October-2022

Sample Type	Collected By	Date Received
Water	N. Smith	28-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0281	LGH-IS 26.10.22 3.07pm	Aluminium (dissolved)	0.41 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.11 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.07 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	273 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	64 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0282	YR2-IS 26.10.22 3.40pm
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Facility:	Order #	Date Analysis Commenced
		28-October-2022

Sample Type	Collected By	Date Received
Water	N. Smith	28-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0282	YR2-IS 26.10.22 3.40pm	Aluminium (dissolved)	0.10 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	48 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0283	SSC-IS 26.10.22 3.29pm
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Facility:	Order #	Date Analysis Commenced
		28-October-2022

Sample Type	Collected By	Date Received
Water	N. Smith	28-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0283	SSC-IS 26.10.22 3.29pm	Aluminium (dissolved)	1.73 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.69 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.011 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	81 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	36 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0284	TR-RS 27.10.22 11.54am
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Attention: Nicole Isles

Thursday, January 19, 2023



NATA Accredited Laboratory
Number: 9597

Accredited for compliance with
ISO/IEC 17025 - Testing

REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 23/11/2022

Report Number: 2210-0090

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For all enquiries related to this report please quote document number: 2210-0090

Facility:	Order #	Date Analysis Commenced
		28-October-2022

Sample Type	Collected By	Date Received
Water	N. Smith	28-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0284	TR-RS 27.10.22 11.54am	Aluminium (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	37 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0285	YK-IS(d/s)	27.10.22 12.20pm
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NGH Environmental
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		28-October-2022

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	28-October-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Oct-0285	YK-IS(d/s) 27.10.22 12.20pm	Aluminium (dissolved)	0.16 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	27 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0286	NZG-IS 27.10.22 12.41pm
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		28-October-2022

Sample Type	Collected By	Date Received
Water	N. Smith	28-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0286	NZG-IS 27.10.22 12.41pm	Aluminium (dissolved)	0.10 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	27 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	4 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0287	YK-IS 27.10.22 12.53pm
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		28-October-2022

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	28-October-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Oct-0287	YK-IS 27.10.22 12.53pm	Aluminium (dissolved)	0.18 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	27 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0288	TK-RS 27.10.22 1.04pm	
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		28-October-2022

Sample Type	Collected By	Date Received
Water	N. Smith	28-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0288	TK-RS 27.10.22 1.04pm	Aluminium (dissolved)	0.18 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Oct-0289 DUP01
26.10.22

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		28-October-2022

Sample Type	Collected By	Date Received
Water	N. Smith	28-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0289	DUP01 26.10.22	Aluminium (dissolved)	1.79 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.73 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.011 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
22Oct-0290	Water Blank 26.10.22	Aluminium (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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Facility:	Order #	Date Analysis Commenced
		28-October-2022

Sample Type	Collected By	Date Received
Water	N. Smith	28-October-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Oct-0290	Water Blank 26.10.22				
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

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		28-October-2022			
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>			
Water	N. Smith	28-October-2022			
<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
	Date/Time sample taken				

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

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LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		25-November-2022

Sample Type	Collected By	Date Received
Water	N. Smith	25-November-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Nov-0209	WC-RS 23.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	0.36 mg/L	APHA 3030 B/3120 B	0.03
		Cadmium (dissolved)	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Chromium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.002 mg/L	* APHA 4500-CN E	0.002
		Lead (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Mercury	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Nickel (dissolved)	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nitrogen, total	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrate/Nitrite as N	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Phosphorus, Total	<0.1 mg/L	LTM-W-014	0.1
		Silver (dissolved)	0.02 mg/L	LTM-W-030	0.01
		Total Dissolved Solids	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Kjeldahl Nitrogen	24 mg/L	LTM-W-035	2
		Total Suspended Solids	<0.2 mg/L	LTM-W-034	2
		Zinc (dissolved)	<0.2 mg/L	APHA 2540 D	0.2
			<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Nov-0210 WC-IS
23.11.22

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		25-November-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	25-November-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Nov-0210	WC-IS 23.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	0.36 mg/L	APHA 3030 B/3120 B	0.03
			<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	6 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Nov-0211	CG-IS 23.11.22				

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Facility:	Order #	Date Analysis Commenced
		25-November-2022

Sample Type	Collected By	Date Received
Water	N. Smith	25-November-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Nov-0211	CG-IS 23.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	0.44 mg/L	APHA 3030 B/3120 B	0.03
		Cadmium (dissolved)	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Chromium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.002 mg/L	* APHA 4500-CN E	0.002
		Lead (dissolved)	0.09 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Mercury	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Nickel (dissolved)	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nitrogen, total	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrate/Nitrite as N	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Phosphorus, Total	<0.1 mg/L	LTM-W-014	0.1
		Silver (dissolved)	0.02 mg/L	LTM-W-030	0.01
		Total Dissolved Solids	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Kjeldahl Nitrogen	232 mg/L	LTM-W-035	2
		Total Suspended Solids	<0.2 mg/L	LTM-W-034	2
		Zinc (dissolved)	26 mg/L	APHA 2540 D	0.2
			<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Nov-0212 YR1-IS
23.11.22

NGH Environmental
Suite 1/39 Fitzmaurice Strret
Wagga Wagga NSW 2650
Attention: Nicole Isles

Wednesday, December 14, 2022



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LABORATORY ANALYSIS REPORT

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		25-November-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	25-November-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Nov-0212	YR1-IS 23.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	0.30 mg/L	APHA 3030 B/3120 B	0.03
			<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	30 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Nov-0213 LHG-IS
23.11.22

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Wednesday, December 14, 2022



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Facility:	Order #	Date Analysis Commenced
		25-November-2022

Sample Type	Collected By	Date Received
Water	N. Smith	25-November-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Nov-0213	LHG-IS 23.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	0.18 mg/L	APHA 3030 B/3120 B	0.03
			<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	200 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Nov-0214 YR2-IS
23.11.22

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Wednesday, December 14, 2022



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Facility:	Order #	Date Analysis Commenced
		25-November-2022

Sample Type	Collected By	Date Received
Water	N. Smith	25-November-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Nov-0214	YR2-IS 23.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	0.29 mg/L	APHA 3030 B/3120 B	0.03
			<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	22 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Nov-0215 SSC-IS
23.11.22

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		25-November-2022

Sample Type	Collected By	Date Received
Water	N. Smith	25-November-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Nov-0215	SSC-IS 23.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	1.58 mg/L	APHA 3030 B/3120 B	0.03
		Cadmium (dissolved)	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Chromium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.002 mg/L	* APHA 4500-CN E	0.002
		Lead (dissolved)	0.56 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Mercury	0.019 mg/L	APHA 3030 B/3120 B	0.001
		Nickel (dissolved)	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nitrogen, total	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrate/Nitrite as N	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Phosphorus, Total	<0.1 mg/L	LTM-W-014	0.1
		Silver (dissolved)	0.01 mg/L	LTM-W-030	0.01
		Total Dissolved Solids	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Kjeldahl Nitrogen	47 mg/L	LTM-W-035	2
		Total Suspended Solids	<0.2 mg/L	LTM-W-034	2
		Zinc (dissolved)	<0.2 mg/L	APHA 2540 D	0.2
			<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Nov-0216 TR-RS
24.11.22

NGH Environmental
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Wednesday, December 14, 2022



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Facility:	Order #	Date Analysis Commenced
		25-November-2022

Sample Type	Collected By	Date Received
Water	N. Smith	25-November-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Nov-0216	TR-RS 24.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	0.08 mg/L	APHA 3030 B/3120 B	0.03
		Cadmium (dissolved)	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Chromium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.002 mg/L	* APHA 4500-CN E	0.002
		Lead (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Mercury	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Nickel (dissolved)	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nitrogen, total	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrate/Nitrite as N	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Phosphorus, Total	<0.1 mg/L	LTM-W-014	0.1
		Silver (dissolved)	<0.01 mg/L	LTM-W-030	0.01
		Total Dissolved Solids	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Kjeldahl Nitrogen	<2 mg/L	LTM-W-035	2
		Total Suspended Solids	<0.2 mg/L	LTM-W-034	2
		Zinc (dissolved)	<0.2 mg/L	APHA 2540 D	0.2
			<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Nov-0217 YK-IS (d/s)
24.11.22

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Wednesday, December 14, 2022



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Facility:	Order #	Date Analysis Commenced
		25-November-2022

Sample Type	Collected By	Date Received
Water	N. Smith	25-November-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Nov-0217	YK-IS (d/s) 24.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	0.26 mg/L	APHA 3030 B/3120 B	0.03
		Cadmium (dissolved)	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Chromium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.002 mg/L	* APHA 4500-CN E	0.002
		Lead (dissolved)	0.10 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Mercury	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Nickel (dissolved)	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nitrogen, total	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrate/Nitrite as N	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Phosphorus, Total	<0.1 mg/L	LTM-W-014	0.1
		Silver (dissolved)	0.01 mg/L	LTM-W-030	0.01
		Total Dissolved Solids	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Kjeldahl Nitrogen	<2 mg/L	LTM-W-035	2
		Total Suspended Solids	<0.2 mg/L	LTM-W-034	2
		Zinc (dissolved)	<0.2 mg/L	APHA 2540 D	0.2
			<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Nov-0218 NZG-IS
24.11.22

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Wednesday, December 14, 2022



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Facility:	Order #	Date Analysis Commenced
		25-November-2022

Sample Type	Collected By	Date Received
Water	N. Smith	25-November-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Nov-0218	NZG-IS 24.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	0.19 mg/L	APHA 3030 B/3120 B	0.03
			<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	13 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Nov-0219 YK-IS
24.11.22

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		25-November-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	25-November-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Nov-0219	YK-IS 24.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	0.28 mg/L	APHA 3030 B/3120 B	0.03
			<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.12 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Nov-0220	YK-RS 24.11.22				

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Facility:	Order #	Date Analysis Commenced
		25-November-2022

Sample Type	Collected By	Date Received
Water	N. Smith	25-November-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Nov-0220	YK-RS 24.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	0.32 mg/L	APHA 3030 B/3120 B	0.03
		Cadmium (dissolved)	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Chromium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	<0.002 mg/L	* APHA 4500-CN E	0.002
		Lead (dissolved)	0.16 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Mercury	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Nickel (dissolved)	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nitrogen, total	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrate/Nitrite as N	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Phosphorus, Total	<0.1 mg/L	LTM-W-014	0.1
		Silver (dissolved)	0.02 mg/L	LTM-W-030	0.01
		Total Dissolved Solids	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Kjeldahl Nitrogen	<2 mg/L	LTM-W-035	2
		Total Suspended Solids	<0.2 mg/L	LTM-W-034	2
		Zinc (dissolved)	<0.2 mg/L	APHA 2540 D	0.2
			<0.002 mg/L	APHA 3030 B/3120 B	0.002

22Nov-0221 DUP01
23.11.22

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Facility:	Order #	Date Analysis Commenced
		25-November-2022

Sample Type	Collected By	Date Received
Water	N. Smith	25-November-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Nov-0221	DUP01 23.11.22				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	0.35 mg/L	APHA 3030 B/3120 B	0.03
			<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
22Nov-0222	Water Blank				
		Aluminium (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	
		Arsenic	<0.03 mg/L	APHA 3030 B/3120 B	0.03
			<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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		25-November-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	25-November-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Nov-0222	Water Blank				
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	25-November-2022
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>

Signed Michael Glazier, Laboratory Manager.

*All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
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This report replaces any previously issued report*

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		16-December-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0182	WC-RS 15.12.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	74 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Turbidity	1 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.019 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0183	WC-IS 15.12.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	68 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Turbidity	1 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.020 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0184	CG-IS 15.12.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	299 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Turbidity	<1 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.042 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0185	YR1-IS 15.12.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.15 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	67 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Turbidity	2 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.002

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Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0186	LHG-IS 15.12.22	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.10 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.017 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	310 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Turbidity	<1 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.002

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Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0187	YR2-IS 15.12.22	Aluminium (dissolved)	0.22 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.16 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	63 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Turbidity	1 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002

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Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0188	SSC-IS 15.12.22	Aluminium (dissolved)	0.30 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.14 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	189 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Turbidity	2 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.002

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Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0189	TR-RS 16.12.22	Aluminium (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	37 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Turbidity	<1 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.002

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Attention: Nicole Isles

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		16-December-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0190	YK-RS (d/s) 16.12.22	Aluminium (dissolved)	0.25 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.23 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	30 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	8 mg/L	APHA 2540 D	0.2
		Turbidity	4 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002

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		16-December-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0191	NZG-IS 16.12.22	Aluminium (dissolved)	0.17 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.15 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	39 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	7 mg/L	APHA 2540 D	0.2
		Turbidity	4 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

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		16-December-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0192	YK-IS 16.12.22	Aluminium (dissolved)	0.33 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.26 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	35 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	6 mg/L	APHA 2540 D	0.2
		Turbidity	7 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

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		16-December-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0193	YK-RS 16.12.22	Aluminium (dissolved)	0.36 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.31 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.009 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	31 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	7 mg/L	APHA 2540 D	0.2
		Turbidity	10 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

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		16-December-2022

Sample Type	Collected By	Date Received
Water	C. Hobbs	16-December-2022

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
22Dec-0194	DUP01 15.12.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.09 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Turbidity	1 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.002

22Dec-0195	WATER BLANK 15.12.22	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002

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		16-December-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	16-December-2022

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
22Dec-0195	WATER BLANK 15.12.22				
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Turbidity	<1 NTU	APHA 2130 B	1
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

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		16-December-2022
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	16-December-2022
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
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Facility:	Order #	Date Analysis Commenced
		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0213	WC-RS 18.01.23	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	52 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0214 WC-IS
18.01.23

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		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0214	WC-IS 18.01.23	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	43 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0215 CG-IS
18.01.23

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		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0215	CG-IS 18.01.23	Aluminium (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	288 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0216 YR1-IS
18.01.23

NGH Environmental
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Attention: Nicole Isles

Friday, February 10, 2023



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		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0216	YR1-IS 18.01.23	Aluminium (dissolved)	0.22 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.16 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	50 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0217 LHG-IS
18.01.23

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Facility:	Order #	Date Analysis Commenced
		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0217	LHG-IS 18.01.23	Aluminium (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	311 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0218 YR2-IS
18.01.23

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Facility:	Order #	Date Analysis Commenced
		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0218	YR2-IS 18.01.23	Aluminium (dissolved)	0.10 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	92 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	3 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0219 SSC-IS
18.01.23

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		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0219	SSC-IS 18.01.23	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	38 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0220 TR-RS
19.01.23

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		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0220	TR-RS 19.01.23	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.09 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	3 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0221	YK-IS (d/s) 19.01.23
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		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0221	YK-IS (d/s) 19.01.23	Aluminium (dissolved)	0.42 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.47 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	12 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	9 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0222 NZG-IS
19.01.23

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Facility:	Order #	Date Analysis Commenced
		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0222	NZG-IS 19.01.23	Aluminium (dissolved)	0.23 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.22 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	79 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0223 YK-IS
19.01.23

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Facility:	Order #	Date Analysis Commenced
		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0223	YK-IS 19.01.23	Aluminium (dissolved)	0.36 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.40 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	7 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0224 YK-RS
19.01.23

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Facility:	Order #	Date Analysis Commenced
		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0224	YK-RS 19.01.23	Aluminium (dissolved)	0.37 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	0.54 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	78 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	5 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0225
DUP01
18.01.23

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Facility:	Order #	Date Analysis Commenced
		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0225	DUP01 18.01.23	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jan-0226	WATER BLANK	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic	<0.0003 mg/L	Analysis by Melbourne (acc no: 992)	
		Cadmium (dissolved)	<0.00002 mg/L	APHA 3030 B/3120 B	0.002
		Chromium (dissolved)	<0.00001 mg/L	APHA 3030 B/3120 B	0.002
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

NGH Environmental
Suite 1/39 Fitzmaurice Strret
Wagga Wagga NSW 2650
Attention: Nicole Isles

Friday, February 10, 2023



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LABORATORY ANALYSIS REPORT

Report Number: 2301-0063

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For all enquiries related to this report please quote document number: 2301-0063

Facility:	Order #	Date Analysis Commenced
		19-January-2023

Sample Type	Collected By	Date Received
Water	Client	19-January-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jan-0226	WATER BLANK				
		Lead (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury	<0.00003 mg/L	Analysis by ALS Melbourne (acc no: 992)	
		Nickel (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.01
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	2
		Nitrate/Nitrite as N	<0.1 mg/L	LTM-W-014	0.1
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 E/3120 B	0.002
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	LTM-W-034	2
		Total Suspended Solids	<0.2 mg/L	APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		19-January-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	19-January-2023

<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
	Date/Time sample taken				

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

NGH Environmental

Monday, March 11, 2024

35 Kincaid Street

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Attention: Nicola Smith



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		24-February-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0178	WC-RS 22.02.23	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	22.1 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	66 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.65 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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		24-February-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0178	WC-RS 22.02.23	Total Suspended Solids	5 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Feb-0179	WC-IS 22.02.23	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	22.2 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	66 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.59 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.06 mg/L	LTM-W-030	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0179	WC-IS 22.02.23	Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	80 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Feb-0180	CG-IS 22.02.23	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	87.3 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	241 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.58 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0180	CG-IS 22.02.23	Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	292 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
23Feb-0181	YR1-RS 22.02.23	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	19.2 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	56 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0181	YR1-RS 22.02.23	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	12 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Feb-0182	LHG-IS 22.02.23	Aluminium (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	100 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0182	LHG-IS 22.02.23	Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	273 mg/L	LTM-W-038	2
		Iron (dissolved)	0.13 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.58 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.073 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.03 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	280 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	7 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
23Feb-0183	YR2-RS 22.02.23	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0183	YR2-RS 22.02.23				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	19.3 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	56 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0184	TR-RS 23.02.23	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	5.38 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	21 mg/L	LTM-W-038	2
		Iron (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	7.0 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	7.0 mg/L	* LTM-W-034	0.2

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Monday, March 11, 2024

35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0184	TR-RS 23.02.23	Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Feb-0185	YK-IS(d/s) 23.02.23	Aluminium (dissolved)	0.28 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.40 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	11 mg/L	LTM-W-038	2
		Iron (dissolved)	0.37 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0185	YK-IS(d/s) 23.02.23	Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	28 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Feb-0186	NZG-IS 23.02.23	Aluminium (dissolved)	0.12 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.82 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	17 mg/L	LTM-W-038	2
		Iron (dissolved)	0.14 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0186	NZG-IS 23.02.23	Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	4 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Feb-0187	YK-IS 23.02.23	Aluminium (dissolved)	0.30 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.08 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	10 mg/L	LTM-W-038	2
		Iron (dissolved)	0.39 mg/L	APHA 3030 B/3120 B	0.01

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Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0187	YK-IS 23.02.23	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	5 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Feb-0188	YK-RS 23.02.23	Aluminium (dissolved)	0.36 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0188	YK-RS 23.02.23	Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	10 mg/L	LTM-W-038	2
		Iron (dissolved)	0.41 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	13 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Feb-0189	DUP01 22.02.23	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0189	DUP01 22.02.23	Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Feb-0190	Water Blank	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Feb-0190	Water Blank				
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	24-February-2023
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

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		17-March-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	17-March-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0173	WC-RS 15.03.23				
		Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	25.4 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	74 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.68 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	129 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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Water	N. Smith	17-March-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0173	WC-RS 15.03.23	Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Turbidity	<1 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
23Mar-0174	WC-IS 15.03.23	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	25.2 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	74 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.65 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02

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Water	N. Smith	17-March-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0174	WC-IS 15.03.23	Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	94 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Turbidity	<1 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
23Mar-0175	CG-IS 15.03.23	Aluminium (dissolved)	0.11 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	84.6 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	234 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.59 mg/L	APHA 3030 B/3120 B	2

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Water	N. Smith	17-March-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0175	CG-IS 15.03.23	Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	271 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	2 mg/L	* APHA 2540 D	0.2
		Turbidity	<1 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.002
23Mar-0176	YR1-IS 15.03.23	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	21.1 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

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<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0176	YR1-IS 15.03.23	Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	53 mg/L	LTM-W-038	2
		Iron (dissolved)	0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	73 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Turbidity	<1 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Mar-0177	LHG-IS 15.03.23	Aluminium (dissolved)	0.13 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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Water	N. Smith	17-March-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0177	LHG-IS 15.03.23				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	99.2 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	270 mg/L	LTM-W-038	2
		Iron (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.43 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.080 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	3 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	293 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	3 mg/L	* APHA 2540 D	0.2
		Turbidity	<1 NTU	APHA 2130 B	1

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Water	N. Smith	17-March-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0177	LHG-IS 15.03.23	Zinc (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.002
23Mar-0178	YR2-IS 15.03.23	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	0.2 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	21.3 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	61 mg/L	LTM-W-038	2
		Iron (dissolved)	0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01

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Water	N. Smith	17-March-2023

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23Mar-0178	YR2-IS 15.03.23	Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	72 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Turbidity	<1 NTU	APHA 2130 B	1
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Mar-0179	TR-RS 16.03.23	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.27 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	6 mg/L	LTM-W-038	2
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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Water	N. Smith	17-March-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Mar-0179	TR-RS 16.03.23	Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	41 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Turbidity	<1 NTU	APHA 2130 B	1
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Mar-0180	YK-IS(d/s) 16.03.23	Aluminium (dissolved)	0.26 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.25 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	6 mg/L	LTM-W-038	2

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Water	N. Smith	17-March-2023

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23Mar-0180	YK-IS(d/s) 16.03.23	Iron (dissolved)	0.31 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	9 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	9 mg/L	* APHA 2540 D	0.2
		Turbidity	12 NTU	APHA 2130 B	1
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Mar-0181	NZG-IS 16.03.23	Aluminium (dissolved)	0.11 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000

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35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



NATA Accredited Laboratory
Number: 9597

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REPLACEMENT LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		17-March-2023

Sample Type	Collected By	Date Received
Water	N. Smith	17-March-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0181	NZG-IS 16.03.23				
		Calcium (dissolved)	4.17 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	10 mg/L	LTM-W-038	2
		Iron (dissolved)	0.14 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Turbidity	2 NTU	APHA 2130 B	1
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

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		17-March-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	17-March-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0182	YK-IS 16.03.23	Aluminium (dissolved)	0.32 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	5 mg/L	LTM-W-038	2
		Iron (dissolved)	0.35 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	5 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	17-March-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0182	YK-IS 16.03.23	Total Suspended Solids	5 mg/L	* APHA 2540 D	0.2
		Turbidity	6 NTU	APHA 2130 B	1
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Mar-0183	YK-RS 16.03.23	Aluminium (dissolved)	0.36 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.37 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	6 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	17-March-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0183	YK-RS 16.03.23	Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.04 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	6 mg/L	* APHA 2540 D	0.2
		Turbidity	9 NTU	APHA 2130 B	1
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Mar-0184	DUP01 15.03.23	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	17-March-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0185	Water Blank				
		Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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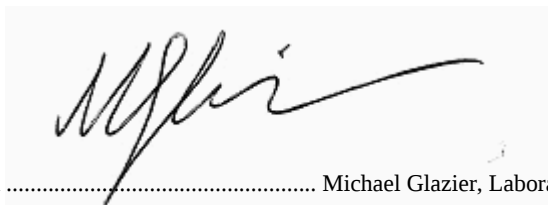
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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	17-March-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Mar-0185	Water Blank				
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Turbidity	<1 NTU	APHA 2130 B	1
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.



Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

NGH Environmental

Monday, March 11, 2024

35 Kincaid Street

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REPLACEMENT LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		28-April-2023

Sample Type	Collected By	Date Received
Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0507	WC-RS 26.03.23				
		Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	15.8 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	48 mg/L	LTM-W-038	2
		Iron (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.21 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.50 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	79 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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		28-April-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0507	WC-RS 26.03.23	Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Apr-0508	WC-IS 26.03.23	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	15.5 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	48 mg/L	LTM-W-038	2
		Iron (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.15 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0508	WC-IS 26.03.23	Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	57 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Apr-0509	CG-IS 26.03.23	Aluminium (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	89.1 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	246 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.61 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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35 Kincaid Street

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Attention: Nicola Smith



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		28-April-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0509	CG-IS 26.03.23	Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	273 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
23Apr-0510	YR1-IS 26.03.23	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	14.0 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	42 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0510	YR1-IS 26.03.23	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	58 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Apr-0511	LHG-IS 26.03.23	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	97.4 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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Sample Type	Collected By	Date Received
Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0511	LHG-IS 26.03.23	Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	267 mg/L	LTM-W-038	2
		Iron (dissolved)	0.13 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.69 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.039 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	319 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
23Apr-0512	YR2-IS 26.03.23	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0512	YR2-IS 26.03.23				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	14.5 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	44 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	59 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

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Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0513	SSC-IS 26.03.23	Aluminium (dissolved)	0.18 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	13.0 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	54 mg/L	LTM-W-038	2
		Iron (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.14 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.05 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	71 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0513	SSC-IS 26.03.23	Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Apr-0514	TR-RS 27.03.23	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	7 mg/L	LTM-W-038	2
		Iron (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0514	TR-RS 27.03.23	Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	9 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Apr-0515	YK-IS (d/s) 27.03.23	Aluminium (dissolved)	0.27 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	10 mg/L	LTM-W-038	2
		Iron (dissolved)	0.27 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0515	YK-IS (d/s) 27.03.23	Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	25 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Apr-0516	NZG-IS 27.03.23	Aluminium (dissolved)	0.26 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.17 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	14 mg/L	LTM-W-038	2
		Iron (dissolved)	0.20 mg/L	APHA 3030 B/3120 B	0.01

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		28-April-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0516	NZG-IS 27.03.23	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.06 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	32 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Apr-0517	YK-IS 27.03.23	Aluminium (dissolved)	0.34 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

NGH Environmental

Monday, March 11, 2024

35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



NATA Accredited Laboratory
Number: 9597

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		28-April-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0517	YK-IS 27.03.23	Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	9 mg/L	LTM-W-038	2
		Iron (dissolved)	0.29 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	21 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Apr-0518	YK-RS 27.03.23	Aluminium (dissolved)	0.39 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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		28-April-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0518	YK-RS 27.03.23				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	8 mg/L	LTM-W-038	2
		Iron (dissolved)	0.32 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	25 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	28-April-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Apr-0519	DUP01 26.03.23	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Apr-0520	Water Blank	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002

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Monday, March 11, 2024



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		28-April-2023

Sample Type	Collected By	Date Received
Water	N. Smith	28-April-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Apr-0520	Water Blank				
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.



Charles Sturt
University

ENVIRONMENTAL AND ANALYTICAL
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		28-April-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	N. Smith	28-April-2023
<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>
	Date/Time sample taken	
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
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CRICOS Provider Numbers for Charles Sturt University are 00005F (NSW), 01947G (VIC) and 02960B (ACT). ABN: 83 878 708 551

NGH Environmental

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REPLACEMENT LABORATORY ANALYSIS REPORT

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Facility:	Order #	Date Analysis Commenced
		08-June-2023

Sample Type	Collected By	Date Received
Water	C, Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0051	WC-RS 06.06.23 1.30pm	Aluminium (dissolved)	0.11 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	9.01 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	29 mg/L	LTM-W-038	2
		Iron (dissolved)	0.09 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

NGH Environmental

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		08-June-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C, Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0051	WC-RS 06.06.23 1.30pm	Total Suspended Solids	4 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0052	WC-IS 06.06.23 1.30pm	Aluminium (dissolved)	0.10 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	8.87 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	28 mg/L	LTM-W-038	2
		Iron (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01

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		08-June-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C, Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0052	WC-IS 06.06.23 1.30pm	Phosphorus, Total	0.13 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0053	CG-IS 06.06.23 1.30pm	Aluminium (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	92.2 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	250 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	4.85 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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		08-June-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C, Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0053	CG-IS 06.06.23 1.30pm	Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.10 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	161 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	112 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0054	YR1-IS 06.06.23 1.30pm	Aluminium (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	11.3 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	34 mg/L	LTM-W-038	2
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01

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		08-June-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C, Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0054	YR1-IS 06.06.23 1.30pm	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	21 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0055	LHG-IS 06.06.23 1.30pm	Aluminium (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	98.5 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C, Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0055	LHG-IS 06.06.23 1.30pm	Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	268 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.47 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.04 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	316 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002

23Jun-0056	YR2-IS 06.06.23 1.30pm	Aluminium (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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		08-June-2023

Sample Type	Collected By	Date Received
Water	C, Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0056	YR2-IS 06.06.23 1.30pm				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	11.5 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	35 mg/L	LTM-W-038	2
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	56 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C, Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0057	SSC-IS 06.06.23 1.30pm	Aluminium (dissolved)	0.11 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	13.0 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	52 mg/L	LTM-W-038	2
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	4.87 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	1.0 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	83 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	1.0 mg/L	* LTM-W-034	0.2

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C, Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0057	SSC-IS 06.06.23 1.30pm	Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0058	TR-RS 07.06.23 1.30pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	6 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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		08-June-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C, Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0058	TR-RS 07.06.23 1.30pm	Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0059	YK-IS(d/s) 07.06.23 1.30pm	Aluminium (dissolved)	0.34 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	9 mg/L	LTM-W-038	2
		Iron (dissolved)	0.31 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0059	YK-IS(d/s) 07.06.23 1.30pm	Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.06 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0060	NZG-IS 07.06.23 1.30pm	Aluminium (dissolved)	0.21 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.07 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	13 mg/L	LTM-W-038	2
		Iron (dissolved)	0.18 mg/L	APHA 3030 B/3120 B	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0060	NZG-IS 07.06.23 1.30pm	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	8 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0061	YK-IS 07.06.23 1.30pm	Aluminium (dissolved)	0.42 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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Monday, March 11, 2024

35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



NATA Accredited Laboratory
Number: 9597

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		08-June-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0061	YK-IS 07.06.23 1.30pm	Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	8 mg/L	LTM-W-038	2
		Iron (dissolved)	0.37 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	6 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0062	YK-RS 07.06.23 1.30pm	Aluminium (dissolved)	0.47 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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Facility:	Order #	Date Analysis Commenced
		08-June-2023

Sample Type	Collected By	Date Received
Water	C. Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0062	YK-RS 07.06.23 1.30pm				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	7 mg/L	LTM-W-038	2
		Iron (dissolved)	0.41 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.012 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.06 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	10 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

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		08-June-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0063	DUP01 06.06.23 1.30pm	Aluminium (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jun-0064	Water Blank	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002

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Sample Type	Collected By	Date Received
Water	C. Hobbs	08-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0064	Water Blank				
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

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		08-June-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	C. Hobbs	08-June-2023
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

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Facility:	Order #	Date Analysis Commenced
		30-June-2023

Sample Type	Collected By	Date Received
Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0227	WC-RS 28.06.23				
		Aluminium (dissolved)	0.75 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	5.81 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	21 mg/L	LTM-W-038	2
		Iron (dissolved)	0.46 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.07 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.05 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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		30-June-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0227	WC-RS 28.06.23	Total Suspended Solids	26 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0228	WC-IS 28.06.23	Aluminium (dissolved)	0.67 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	5.52 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	20 mg/L	LTM-W-038	2
		Iron (dissolved)	0.39 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.07 mg/L	LTM-W-030	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0228	WC-IS 28.06.23	Phosphorus, Total	0.15 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	9 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	17 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0229	CG-IS 28.06.23	Aluminium (dissolved)	0.16 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	93.5 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	254 mg/L	LTM-W-038	2
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.12 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0229	CG-IS 28.06.23	Nickel (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.03 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	242 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0230	YR1-IS 28.06.23	Aluminium (dissolved)	0.47 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	6.40 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	22 mg/L	LTM-W-038	2
		Iron (dissolved)	0.30 mg/L	APHA 3030 B/3120 B	0.01

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Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0230	YR1-IS 28.06.23	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.04 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	6 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	8 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0231	LHG-IS 28.06.23	Aluminium (dissolved)	0.38 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	104 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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		30-June-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0231	LHG-IS 28.06.23	Copper (dissolved)	0.013 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	280 mg/L	LTM-W-038	2
		Iron (dissolved)	0.19 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	4.89 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.013 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.006 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.05 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	228 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	10 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.008 mg/L	APHA 3030 B/3120 B	0.002

23Jun-0232	YR2-IS 28.06.23	Aluminium (dissolved)	0.46 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0232	YR2-IS 28.06.23	Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	6.89 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	23 mg/L	LTM-W-038	2
		Iron (dissolved)	0.29 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.06 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.05 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	11 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	6 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

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Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0233	SSC-IS 28.06.23	Aluminium (dissolved)	1.49 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	12.5 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	51 mg/L	LTM-W-038	2
		Iron (dissolved)	0.72 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	4.91 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.04 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.05 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	24 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0233	SSC-IS 28.06.23	Total Suspended Solids	2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0234	TR-RS 29.06.23	Aluminium (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	8 mg/L	LTM-W-038	2
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.03 mg/L	LTM-W-030	0.01

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Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0234	TR-RS 29.06.23	Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	3 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0235	YK-IS(d/s) 29.06.23	Aluminium (dissolved)	0.40 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	9 mg/L	LTM-W-038	2
		Iron (dissolved)	0.27 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0235	YK-IS(d/s) 29.06.23	Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.04 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.05 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	5 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0236	NZG-IS 29.06.23	Aluminium (dissolved)	0.30 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.49 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	11 mg/L	LTM-W-038	2
		Iron (dissolved)	0.21 mg/L	APHA 3030 B/3120 B	0.01

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Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0236	NZG-IS 29.06.23	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.04 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	9 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0237	YK-IS 29.06.23	Aluminium (dissolved)	0.39 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0237	YK-IS 29.06.23	Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	9 mg/L	LTM-W-038	2
		Iron (dissolved)	0.26 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.04 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.05 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	9 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	5 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jun-0238	YK-RS 29.06.23	Aluminium (dissolved)	0.34 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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Facility:	Order #	Date Analysis Commenced
		30-June-2023

Sample Type	Collected By	Date Received
Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0238	YK-RS 29.06.23				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	9 mg/L	LTM-W-038	2
		Iron (dissolved)	0.28 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.013 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.04 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	6 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	5 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

NGH Environmental

Monday, March 11, 2024

35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



NATA Accredited Laboratory
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REPLACEMENT LABORATORY ANALYSIS REPORT

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-June-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0239	DUP01 28.06.23	Aluminium (dissolved)	0.60 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.34 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jun-0240	Water Blank	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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		30-June-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	30-June-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jun-0240	Water Blank				
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

*** NATA Accreditation does not cover the performance of this service.**

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REPLACEMENT LABORATORY ANALYSIS REPORT

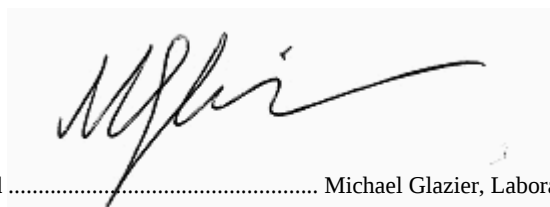
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		30-June-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	30-June-2023
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>



Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

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		28-July-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	28-July-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jul-0264	WC-RS 26.07.23	Aluminium (dissolved)	0.11 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	10.6 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	34 mg/L	LTM-W-038	2
		Iron (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	1.0 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.06 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	178 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	1 mg/L	* LTM-W-034	0.2

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		28-July-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	28-July-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jul-0264	WC-RS 26.07.23	Total Suspended Solids	2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jul-0265	WC-IS 26.07.23	Aluminium (dissolved)	0.10 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	10.4 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	34 mg/L	LTM-W-038	2
		Iron (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	1.1 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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		28-July-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	28-July-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jul-0265	WC-IS 26.07.23	Phosphorus, Total	0.07 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	44 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	1 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jul-0266	CG-IS 26.07.23	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	96.6 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	262 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	4.96 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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		28-July-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	28-July-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jul-0266	CG-IS 26.07.23	Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	1.3 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.3 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	232 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	1 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
23Jul-0267	YR1-RS 26.07.23	Aluminium (dissolved)	0.10 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	10.6 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	33 mg/L	LTM-W-038	2
		Iron (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.01

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		28-July-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	28-July-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jul-0267	YR1-RS 26.07.23	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	1.3 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.3 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.18 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	41 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	1 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jul-0268	LHG-IS 26.07.23	Aluminium (dissolved)	0.09 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	104 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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		28-July-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	28-July-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jul-0268	LHG-IS 26.07.23	Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	281 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	4.91 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	1.0 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	272 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	1 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	5 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.002
23Jul-0269	YR2-RS 26.07.23	Aluminium (dissolved)	0.10 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01



Charles Sturt
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Monday, March 11, 2024



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Sample Type	Collected By	Date Received
Water	Client	28-July-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jul-0269	YR2-RS 26.07.23				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	10.9 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	34 mg/L	LTM-W-038	2
		Iron (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.17 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	51 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

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CRICOS Provider Numbers for Charles Sturt University are 00005F (NSW), 01947G (VIC) and 02960B (ACT). ABN: 83 878 708 551

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		28-July-2023

Sample Type	Collected By	Date Received
Water	Client	28-July-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jul-0270	SSC-IS 26.07.23	Aluminium (dissolved)	0.74 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	13.4 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	54 mg/L	LTM-W-038	2
		Iron (dissolved)	0.30 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.04 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	7 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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Sample Type	Collected By	Date Received
Water	Client	28-July-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jul-0270	SSC-IS 26.07.23	Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jul-0271	TR-RS 27.07.23	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.05 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	8 mg/L	LTM-W-038	2
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	0.4 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.4 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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		28-July-2023

Sample Type	Collected By	Date Received
Water	Client	28-July-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Jul-0271	TR-RS 27.07.23	Phosphorus, Total	0.05 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	5 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jul-0272	YK-IS(d/s) 27.07.23	Aluminium (dissolved)	0.32 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	9 mg/L	LTM-W-038	2
		Iron (dissolved)	0.25 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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Water	Client	28-July-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jul-0272	YK-IS(d/s) 27.07.23	Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	1.1 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	12 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	1 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	5 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jul-0273	NZG-IS 27.07.23	Aluminium (dissolved)	0.15 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.38 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	14 mg/L	LTM-W-038	2
		Iron (dissolved)	0.16 mg/L	APHA 3030 B/3120 B	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	28-July-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jul-0273	NZG-IS 27.07.23	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	1.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.2 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.07 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	23 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	1 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jul-0274	YK-IS 27.07.23	Aluminium (dissolved)	0.25 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	28-July-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jul-0274	YK-IS 27.07.23	Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	8 mg/L	LTM-W-038	2
		Iron (dissolved)	0.20 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.2 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	5 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Jul-0275	YK-RS 27.07.23	Aluminium (dissolved)	0.28 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	28-July-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jul-0275	YK-RS 27.07.23				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	8 mg/L	LTM-W-038	2
		Iron (dissolved)	0.23 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.009 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	16 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

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Water	Client	28-July-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Jul-0276	DUP01 27.07.23	Aluminium (dissolved)	0.40 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.30 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.011 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Jul-0277	WATER BLANK	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002

NGH Environmental
35 Kincaid Street
Wagga Wagga NSW 2650
Attention: Nicola Smith

Monday, March 11, 2024



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LABORATORY ANALYSIS REPORT

Report Number: 2307-0092

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For all enquiries related to this report please quote document number: 2307-0092

Facility:		Order #	Date Analysis Commenced		
			28-July-2023		
Sample Type		Collected By	Date Received		
Water		Client	28-July-2023		
EAL ID	Client ID.	Test	Result (units)	Method Reference	Limit of Reporting
Date/Time sample taken					
23Jul-0277	WATER BLANK				
		Total Hardness as CaCO3	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.



Charles Sturt
University

ENVIRONMENTAL AND ANALYTICAL
LABORATORIES

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NGH Environmental
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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		28-July-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	28-July-2023
<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>
	Date/Time sample taken	
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

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CRICOS Provider Numbers for Charles Sturt University are 00005F (NSW), 01947G (VIC) and 02960B (ACT). ABN: 83 878 708 551

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-August-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0210	WC-RS 28.08.23 2.15pm	Aluminium (dissolved)	0.19 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	9.23 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	30 mg/L	LTM-W-038	2
		Iron (dissolved)	0.09 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.03 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	5 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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		30-August-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0210	WC-RS 28.08.23 2.15pm	Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
23Aug-0211	WC-IS 28.08.23 2.26pm	Aluminium (dissolved)	0.18 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	9.32 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	31 mg/L	LTM-W-038	2
		Iron (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.09 mg/L	LTM-W-030	0.01

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		30-August-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0211	WC-IS 28.08.23 2.26pm	Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	21 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
23Aug-0212	CG-IS 28.08.23 2.44pm	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	101 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	272 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.004 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	4.81 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-August-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0212	CG-IS 28.08.23 2.44pm	Nickel (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	224 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.002
23Aug-0213	YR1-RS 28.08.23 2.54pm	Aluminium (dissolved)	0.17 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	10.2 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	32 mg/L	LTM-W-038	2
		Iron (dissolved)	0.09 mg/L	APHA 3030 B/3120 B	0.01

NGH Environmental
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Facility:	Order #	Date Analysis Commenced
		30-August-2023

Sample Type	Collected By	Date Received
Water	M. Wyburn	30-August-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Aug-0213	YR1-RS 28.08.23 2.54pm	Lead (dissolved)	0.005 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.07 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	4 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Aug-0214	LHG-IS 28.08.23 3.09pm	Aluminium (dissolved)	0.14 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	112 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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		30-August-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0214	LHG-IS 28.08.23 3.09pm	Copper (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	304 mg/L	LTM-W-038	2
		Iron (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.007 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.82 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.009 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.004 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	312 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.008 mg/L	APHA 3030 B/3120 B	0.002

23Aug-0215	YR2-RS 28.08.23 3.28pm	Aluminium (dissolved)	0.17 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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		30-August-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0215	YR2-RS 28.08.23 3.28pm				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	10.7 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	34 mg/L	LTM-W-038	2
		Iron (dissolved)	0.09 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	132 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.002

NGH Environmental

Monday, March 11, 2024

35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



NATA Accredited Laboratory
Number: 9597

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		30-August-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0216	SSC-IS 28.08.23 3.38pm	Aluminium (dissolved)	0.40 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	14.6 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	59 mg/L	LTM-W-038	2
		Iron (dissolved)	0.15 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.006 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.50 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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		30-August-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0216	SSC-IS 28.08.23 3.38pm	Total Suspended Solids	6 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
23Aug-0217	TR-RS 29.08.23 12.45pm	Aluminium (dissolved)	0.11 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.23 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	10 mg/L	LTM-W-038	2
		Iron (dissolved)	0.10 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.06 mg/L	LTM-W-030	0.01

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		30-August-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0217	TR-RS 29.08.23 12.45pm	Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	71 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Aug-0218	YK-IS (d/s) 29.08.23 1.10pm	Aluminium (dissolved)	0.36 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.28 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	14 mg/L	LTM-W-038	2
		Iron (dissolved)	0.24 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.012 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0218	YK-IS (d/s) 29.08.23 1.10pm	Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.03 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	19 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.022 mg/L	APHA 3030 B/3120 B	0.002
23Aug-0219	NZG-IS 29.08.23 1.29pm	Aluminium (dissolved)	0.22 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.48 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	16 mg/L	LTM-W-038	2
		Iron (dissolved)	0.14 mg/L	APHA 3030 B/3120 B	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0219	NZG-IS 29.08.23 1.29pm	Lead (dissolved)	0.004 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
23Aug-0220	YK-IS 29.08.23 1.40pm	Aluminium (dissolved)	0.48 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0220	YK-IS 29.08.23 1.40pm	Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	8 mg/L	LTM-W-038	2
		Iron (dissolved)	0.31 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.008 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.002
23Aug-0221	YK-RS 29.08.23 1.51pm	Aluminium (dissolved)	0.71 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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Sample Type	Collected By	Date Received
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0221	YK-RS 29.08.23 1.51pm				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.84 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	13 mg/L	LTM-W-038	2
		Iron (dissolved)	0.47 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.037 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.07 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	5 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.026 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0222	DUP01 29.08.23 1.51pm	Aluminium (dissolved)	0.72 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.49 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.021 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Zinc (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.002

23Aug-0223	WATER BLANK	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Aug-0223	WATER BLANK				
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

NGH Environmental
35 Kincaid Street
Wagga Wagga NSW 2650
Attention: Nicola Smith

Monday, March 11, 2024



NATA Accredited Laboratory
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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 03/10/2023

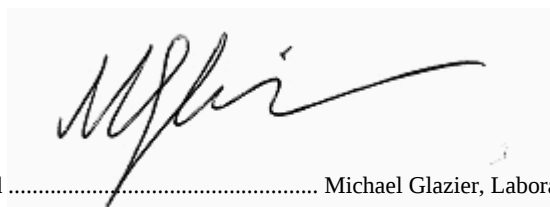
Report Number: 2308-0084

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-August-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-August-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
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Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

NGH Environmental

Tuesday, March 12, 2024

35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



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REPLACEMENT LABORATORY ANALYSIS REPORT

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		29-September-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0252	WC-RS 27.09.23 12.43pm	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	13.5 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.004 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	43 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.16 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.04 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	6 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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35 Kincaid Street

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		29-September-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0252	WC-RS 27.09.23 12.43pm	Total Suspended Solids	2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Sep-0253	WC-IS 27.09.23 12.52pm	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	13.3 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	42 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.13 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		29-September-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0253	WC-IS 27.09.23 12.52pm	Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	15 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Sep-0254	CG-IS 27.09.23 1.08pm	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	99.1 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	271 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.63 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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35 Kincaid Street

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		29-September-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0254	CG-IS 27.09.23 1.08pm	Nickel (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	155 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
23Sep-0255	YR1-RS 27.09.23 1.18pm	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	13.3 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	42 mg/L	LTM-W-038	2
		Iron (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.01

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		29-September-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0255	YR1-RS 27.09.23 1.18pm	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.08 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.07 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.38 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	3 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Sep-0256	LHG-IS 27.09.23 1.35pm	Aluminium (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	108 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.0000

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		29-September-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0256	LHG-IS 27.09.23 1.35pm	Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	296 mg/L	LTM-W-038	2
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.005 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	6.34 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.012 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	144 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
23Sep-0257	YR2-RS 27.09.23 1.57pm	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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		29-September-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0257	YR2-RS 27.09.23 1.57pm				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	13.7 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	34 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	10 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

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		29-September-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0258	SSC-IS 27.09.23 2.09pm	Aluminium (dissolved)	0.25 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	12.9 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	54 mg/L	LTM-W-038	2
		Iron (dissolved)	0.09 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.36 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	5 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.04 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	5 mg/L	* LTM-W-034	0.2

NGH Environmental

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35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



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		29-September-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0258	SSC-IS 27.09.23 2.09pm	Total Suspended Solids	5 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Sep-0259	TR-RS 28.09.23 12.52pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.04 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	8 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0259	TR-RS 28.09.23 12.52pm	Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	11 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Sep-0260	YK-IS(d/s) 28.09.23 1.13pm	Aluminium (dissolved)	0.34 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.007 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.26 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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		29-September-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0260	YK-IS(d/s) 28.09.23 1.13pm	Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	9 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Sep-0261	NZG-IS 28.09.23 1.36pm	Aluminium (dissolved)	0.19 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.04 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	8 mg/L	LTM-W-038	2
		Iron (dissolved)	0.14 mg/L	APHA 3030 B/3120 B	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0261	NZG-IS 28.09.23 1.36pm	Lead (dissolved)	0.004 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.04 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Sep-0262	YK-IS 28.09.23 1.52pm	Aluminium (dissolved)	0.49 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0262	YK-IS 28.09.23 1.52pm	Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.32 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.11 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Sep-0263	YK-RS 28.09.23 2.03pm	Aluminium (dissolved)	0.69 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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		29-September-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0263	YK-RS 28.09.23 2.03pm	Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.53 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.004 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.08 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	29-September-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0264	DUP01 28.09.23 12.52pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.004 mg/L	* APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Sep-0265	Water Blank 27.09.23	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002

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<u>Sample Type</u>	<u>Collected By</u>		<u>Date Received</u>		
Water	Client		29-September-2023		
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Sep-0265	Water Blank 27.09.23				
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

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		29-September-2023			
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>			
Water	Client	29-September-2023			
<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
	Date/Time sample taken				

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
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35 Kincaid Street
Wagga Wagga NSW 2650
Attention: Nicola Smith

Tuesday, March 12, 2024



NATA Accredited Laboratory
Number: 9597
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17025 - Testing

REPLACEMENT LABORATORY ANALYSIS REPORT

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		01-November-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0001	WC-RS 31.10.23 9.26am	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	10.7 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	27 mg/L	LTM-W-038	2
		Iron (dissolved)	0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	69 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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		01-November-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	Client	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0001	WC-RS 31.10.23 9.26am	Total Suspended Solids	1 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0002	WC-IS 31.10.23 9.36am	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	11.0 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	27 mg/L	LTM-W-038	2
		Iron (dissolved)	0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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		01-November-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wybum	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0002	WC-IS 31.10.23 9.36am	Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	72 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0003	CG-IS 31.10.23 9.54am	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	85.1 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	235 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.46 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000



Charles Sturt
University

ENVIRONMENTAL AND ANALYTICAL
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NGH Environmental

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Facility:	Order #	Date Analysis Commenced
		01-November-2023

Sample Type	Collected By	Date Received
Water	M. Wybum	01-November-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Nov-0003	CG-IS 31.10.23 9.54am	Nickel (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	257 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0004	YR1-RS 31.10.23 10.07am	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	12.3 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	31 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01

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CRICOS Provider Numbers for Charles Sturt University are 00005F (NSW), 01947G (VIC) and 02960B (ACT). ABN: 83 878 708 551

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		01-November-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wybum	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0004	YR1-RS 31.10.23 10.07am	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	67 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0005	LHG-IS 31.10.23 10.24am	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	102 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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Facility:	Order #	Date Analysis Commenced
		01-November-2023

Sample Type	Collected By	Date Received
Water	M. Wybum	01-November-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Nov-0005	LHG-IS 31.10.23 10.24am	Copper (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	280 mg/L	LTM-W-038	2
		Iron (dissolved)	0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	6.28 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	316 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.008 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0006	SSC-IS 31.10.23 8.38am	Aluminium (dissolved)	0.20 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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		01-November-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wybum	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0006	SSC-IS 31.10.23 8.38am				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	11.6 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	51 mg/L	LTM-W-038	2
		Iron (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.28 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.04 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	54 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	3 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Myburn	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0007	YR2-RS 31.10.23 8.50am	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	12.6 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	31 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	60 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Myburn	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0007	YR2-RS 31.10.23 8.50am	Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0008	TR-RS 31.10.23 1.00pm	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.61 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	6 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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		01-November-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wybum	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0008	TR-RS 31.10.23 1.00pm	Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	297 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0009	YK-IS (d/s) 31.10.23 1.27pm	Aluminium (dissolved)	0.26 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.20 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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		01-November-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wybum	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0009	YK-IS (d/s) 31.10.23 1.27pm	Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	106 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0010	YK-IS 31.10.23 1.45pm	Aluminium (dissolved)	0.35 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.24 mg/L	APHA 3030 B/3120 B	0.01

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		01-November-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wybum	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0010	YK-IS 31.10.23 1.45pm	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	46 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.016 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0011	NZG-IS 31.10.23 1.58pm	Aluminium (dissolved)	0.13 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.57 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wybum	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0011	NZG-IS 31.10.23 1.58pm	Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	6 mg/L	LTM-W-038	2
		Iron (dissolved)	0.10 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	24 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002

23Nov-0012	YK-RS 31.10.23 2.10pm	Aluminium (dissolved)	0.47 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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		01-November-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wybum	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0012	YK-RS 31.10.23 2.10pm				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.0002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.30 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	42 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

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		01-November-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wybum	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0013	DUP01 31.10.23 9.26am	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	10.6 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Total Hardness as CaCO3	26 mg/L	LTM-W-038	2
		Iron (dissolved)	0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	235 mg/L	LTM-W-035	2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002

23Nov-0014 Water Blank

Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wybum	01-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0014	Water Blank				
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	9 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2

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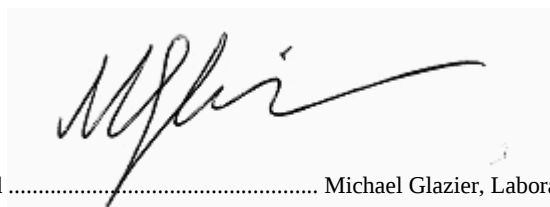
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		01-November-2023			
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>			
Water	M. Wybum	01-November-2023			
<u>EAL ID</u>	<u>Client ID.</u>	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
	Date/Time sample taken				
23Nov-0014	Water Blank				
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.



Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		24-November-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0236	WC-RS 24.11.23 8.19am	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	15.5 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	48 mg/L	LTM-W-038	2
		Iron (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.21 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	75 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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Attention: Nicola Smith



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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0236	WC-RS 24.11.23 8.19am	Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0237	WC-IS 24.11.23 8.29am	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	15.3 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	47 mg/L	LTM-W-038	2
		Iron (dissolved)	0.02 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.19 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.2 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0237	WC-IS 24.11.23 8.29am	Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	22 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0238	CG-IS 24.11.23 8.55am	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	90.8 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	250 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.60 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0238	CG-IS 24.11.23 8.55am	Nickel (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	215 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0239	YR1-RS 24.11.23 8.45am	Aluminium (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	0.4 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	14.6 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	36 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0239	YR1-RS 24.11.23 8.45am	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	12 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0240	LHG-IS 24.11.23 9.09am	Aluminium (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	106 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0240	LHG-IS 24.11.23 9.09am	Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	290 mg/L	LTM-W-038	2
		Iron (dissolved)	0.21 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	6.14 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.092 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	288 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	3 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0241	YR2-RS 24.11.23 9.33am	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0241	YR2-RS 24.11.23 9.33am				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	14.9 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	37 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	52 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0242	SSC-IS 24.11.23	Aluminium (dissolved)	dry mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	dry mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	dry mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	dry mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	dry mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	dry mg/L	LTM-W-038	2
		Iron (dissolved)	dry mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	dry mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	dry mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	dry mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	dry mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	dry mg/L	LTM-W-030	0.01
		Phosphorus, Total	dry mg/L	LTM-W-030	0.01
		Silver (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	dry mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	dry mg/L	* LTM-W-034	0.2

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Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0242	SSC-IS 24.11.23	Total Suspended Solids	dry mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	dry mg/L	APHA 3030 B/3120 B	0.002
23Nov-0243	TR-RS 24.11.23 1.36pm	Aluminium (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	0.8 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.75 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	9 mg/L	LTM-W-038	2
		Iron (dissolved)	0.12 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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		24-November-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0243	TR-RS 24.11.23 1.36pm	Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	15 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0244	YK-IS (d/s) 24.11.23 2.02pm	Aluminium (dissolved)	0.31 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.33 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

NGH Environmental

Tuesday, March 12, 2024

35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0244	YK-IS (d/s) 24.11.23 2.02pm	Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	1.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.2 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	20 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	1 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0245	NZG-IS 24.11.23 2.22pm	Aluminium (dissolved)	0.13 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	1.0 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.47 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	9 mg/L	LTM-W-038	2
		Iron (dissolved)	0.14 mg/L	APHA 3030 B/3120 B	0.01

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		24-November-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0245	NZG-IS 24.11.23 2.22pm	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.1 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	10 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0246	YK-IS 24.11.23 2.35pm	Aluminium (dissolved)	0.52 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	1.8 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0246	YK-IS 24.11.23 2.35pm	Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.41 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	1.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	0.2 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	4 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	1 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
23Nov-0247	YK-RS 24.11.23 2.47pm	Aluminium (dissolved)	0.86 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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		24-November-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0247	YK-RS 24.11.23 2.47pm				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.64 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.010 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	5 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002

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		24-November-2023

Sample Type	Collected By	Date Received
Water	M. Wyburn	24-November-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Nov-0248	DUP01 24.11.23 2.22pm	Aluminium (dissolved)	0.13 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	0.5 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.36 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Total Hardness as CaCO ₃	8 mg/L	LTM-W-038	2
		Iron (dissolved)	0.14 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	10 mg/L	LTM-W-035	2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

23Nov-0248 Water Blank

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		24-November-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	24-November-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0249	Water Blank				
		Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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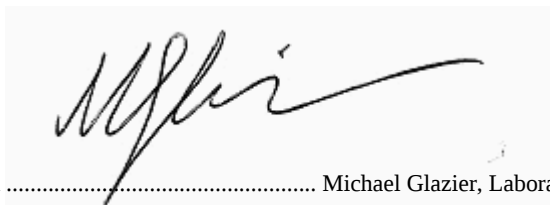
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			24-November-2023		
<u>Sample Type</u>		<u>Collected By</u>	<u>Date Received</u>		
Water		M. Wyburn	24-November-2023		
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Nov-0249	Water Blank				
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.



Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
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		13-December-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0136	WC-RS 13.12.23 7.48am	Aluminium (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	8.96 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	22 mg/L	LTM-W-038	2
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.08 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	343 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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		13-December-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0136	WC-RS 13.12.23 7.48am	Total Suspended Solids	2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Dec-0137	WC-IS 13.12.23 7.59am	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	8.91 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	22 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01

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Attention: Nicola Smith

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0137	WC-IS 13.12.23 7.59am	Phosphorus, Total	0.06 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	38 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Dec-0138	CG-IS 13.12.23 8.18am	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	90.8 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	248 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.08 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0138	CG-IS 13.12.23 8.18am	Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	287 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	3 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
23Dec-0139	YR1-IS 13.12.23 8.32am	Aluminium (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	10.8 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	27 mg/L	LTM-W-038	2
		Iron (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0139	YR1-IS 13.12.23 8.32am	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	50 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Dec-0140	LHG-IS 13.12.23 8.48am	Aluminium (dissolved)	0.16 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	101 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0140	LHG-IS 13.12.23 8.48am	Copper (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	277 mg/L	LTM-W-038	2
		Iron (dissolved)	0.14 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	6.06 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.022 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	334 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	4 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002

23Dec-0141	YR2-IS 13.12.23 9.06am	Aluminium (dissolved)	0.08 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0141	YR2-IS 13.12.23 9.06am				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	11.4 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	28 mg/L	LTM-W-038	2
		Iron (dissolved)	0.07 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	59 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

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Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0142	SSC-IS 13.12.23 9.18am	Aluminium (dissolved)	1.72 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	12.5 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	53 mg/L	LTM-W-038	2
		Iron (dissolved)	0.77 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.33 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	96 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0142	SSC-IS 13.12.23 9.18am	Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Dec-0143	TR-RS 13.12.23 10.42am	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0143	TR-RS 13.12.23 10.42am	Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	13 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Dec-0144	YK-IS (d/s) 13.12.23 11.09am	Aluminium (dissolved)	0.32 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.09 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	5 mg/L	LTM-W-038	2
		Iron (dissolved)	0.33 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

NGH Environmental

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35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



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		13-December-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0144	YK-IS (d/s) 13.12.23 11.09am	Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	24 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Dec-0145	NZG-IS 13.12.23 11.27am	Aluminium (dissolved)	0.16 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.22 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	8 mg/L	LTM-W-038	2
		Iron (dissolved)	0.18 mg/L	APHA 3030 B/3120 B	0.01

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		13-December-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0145	NZG-IS 13.12.23 11.27am	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	33 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Dec-0146	YK-IS 13.12.23 11.39am	Aluminium (dissolved)	0.51 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.35 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000

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		13-December-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0146	YK-IS 13.12.23 11.39am	Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	6 mg/L	LTM-W-038	2
		Iron (dissolved)	0.46 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.015 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	21 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Dec-0147	YK-RS 13.12.23 11.51am	Aluminium (dissolved)	0.87 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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		13-December-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0147	YK-RS 13.12.23 11.51am				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.74 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.021 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	32 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002

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		13-December-2023

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
23Dec-0148	DUP01 13.12.23 11.52	Aluminium (dissolved)	0.87 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.72 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.022 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
23Dec-0149	WATER BLANK 13.12.23	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002

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		13-December-2023
Sample Type	Collected By	Date Received
Water	M. Wyburn	13-December-2023

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
23Dec-0149	WATER BLANK 13.12.23				
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

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		13-December-2023
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	13-December-2023
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report

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Facility:	Order #	Date Analysis Commenced
		30-January-2024

Sample Type	Collected By	Date Received
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0265	WC-RS 30.01.24 7.02am	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	12.7 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	40 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.05 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.07 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	52 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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		30-January-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0265	WC-RS 30.01.24 7.02am	Total Suspended Solids	2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
24Jan-0266	WC-IS 30.01.24 7.11am	Aluminium (dissolved)	0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	12.8 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	40 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.06 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-January-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0266	WC-IS 30.01.24 7.11am	Phosphorus, Total	0.04 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	44 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
24Jan-0267	CG-IS 30.01.24 7.30am	Aluminium (dissolved)	0.10 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	88.9 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	246 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.004 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.81 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

NGH Environmental

Tuesday, March 12, 2024

35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



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		30-January-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0267	CG-IS 30.01.24 7.30am	Nickel (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	233 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.002
24Jan-0268	YR1-RS 30.01.24 7.42am	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	13.2 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	33 mg/L	LTM-W-038	2
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01

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		30-January-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0268	YR1-RS 30.01.24 7.42am	Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	12 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
24Jan-0269	LHG-IS 30.01.24 8.01am	Aluminium (dissolved)	0.25 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	104 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000

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		30-January-2024

Sample Type	Collected By	Date Received
Water	M. Wyburn	30-January-2024

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
24Jan-0269	LHG-IS 30.01.24 8.01am	Copper (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	286 mg/L	LTM-W-038	2
		Iron (dissolved)	0.28 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.008 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	6.38 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.086 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.004 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.04 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	312 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	3 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.002
24Jan-0270	YR2-IS 30.01.24 8.24am	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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		30-January-2024

Sample Type	Collected By	Date Received
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0270	YR2-IS 30.01.24 8.24am				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	13.3 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	33 mg/L	LTM-W-038	2
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	56 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0271	SSC-IS 30.01.24 8.39am	Aluminium (dissolved)	1.11 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	11.9 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	52 mg/L	LTM-W-038	2
		Iron (dissolved)	0.43 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	5.47 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	55 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0271	SSC-IS 30.01.24 8.39am	Total Suspended Solids	3 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
24Jan-0272	TR-RS 30.01.24 10.05am	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.58 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	9 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.021 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0272	TR-RS 30.01.24 10.05am	Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	20 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.010 mg/L	APHA 3030 B/3120 B	0.002
24Jan-0273	YK-IS(d/s) 30.01.24 10.29am	Aluminium (dissolved)	0.30 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.46 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	9 mg/L	LTM-W-038	2
		Iron (dissolved)	0.34 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.016 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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		30-January-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0273	YK-IS(d/s) 30.01.24 10.29am	Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.04 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	10 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	4 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.002
24Jan-0274	NZG-IS 30.01.24 10.41am	Aluminium (dissolved)	0.13 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	4.33 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	19 mg/L	LTM-W-038	2
		Iron (dissolved)	0.15 mg/L	APHA 3030 B/3120 B	0.01

NGH Environmental
35 Kincaid Street
Wagga Wagga NSW 2650
Attention: Nicola Smith

Tuesday, March 12, 2024



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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 11/02/2024

Report Number: 2401-0089

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For all enquiries related to this report please quote document number: 2401-0089

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-January-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0274	NZG-IS 30.01.24 10.41am	Lead (dissolved)	0.006 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.01 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.006 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	25 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
24Jan-0275	YK-IS 30.01.24 10.58am	Aluminium (dissolved)	0.41 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	4.01 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000



Charles Sturt
University

ENVIRONMENTAL AND ANALYTICAL
LABORATORIES

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NGH Environmental

35 Kincaid Street

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Attention: Nicola Smith

Tuesday, March 12, 2024



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Facility:	Order #	Date Analysis Commenced
		30-January-2024

Sample Type	Collected By	Date Received
Water	M. Wyburn	30-January-2024

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
24Jan-0275	YK-IS 30.01.24 10.58am	Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	10 mg/L	LTM-W-038	2
		Iron (dissolved)	0.43 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.029 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	10 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.009 mg/L	APHA 3030 B/3120 B	0.002
24Jan-0276	YK-RS 30.01.24 11.09am	Aluminium (dissolved)	0.61 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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CRICOS Provider Numbers for Charles Sturt University are 00005F (NSW), 01947G (VIC) and 02960B (ACT). ABN: 83 878 708 551

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Tuesday, March 12, 2024

35 Kincaid Street

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-January-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0276	YK-RS 30.01.24 11.09am				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.58 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.014 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	30 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-January-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0277	DUP01 30.01.24 8.24am	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
24Jan-0278	WATER BLANK 30.01.24	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002

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		30-January-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Jan-0278	WATER BLANK 30.01.24				
		Total Hardness as CaCO ₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

Note:

* NATA Accreditation does not cover the performance of this service.

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REPLACEMENT LABORATORY ANALYSIS REPORT

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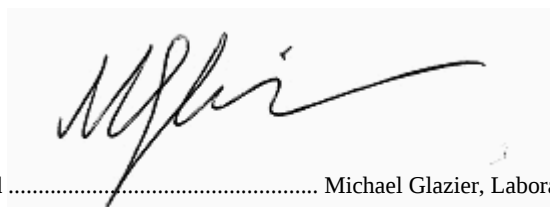
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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		30-January-2024
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	30-January-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
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Signed Michael Glazier, Laboratory Manager.

*All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
This report shall not be reproduced except in full.
This report replaces any previously issued report*

NGH Environmental

Tuesday, March 12, 2024

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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 01/03/2024

Report Number: 2402-0078

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		26-February-2024
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0198	WC-RS 22.02.24 7.52am	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	14.6 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	46 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.35 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	72 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

NGH Environmental

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35 Kincaid Street

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		26-February-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0198	WC-RS 22.02.24 7.52am	Total Suspended Solids	2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
24Feb-0199	WC-IS 22.02.24 8.03am	Aluminium (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	14.8 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	46 mg/L	LTM-W-038	2
		Iron (dissolved)	0.04 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.005 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	2.23 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01

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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		26-February-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0199	WC-IS 22.02.24 8.03am	Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	70 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
24Feb-0200	CG-IS 22.02.24 8.18am	Aluminium (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	84.8 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	237 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	6.23 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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Tuesday, March 12, 2024

35 Kincaid Street

Wagga Wagga NSW 2650

Attention: Nicola Smith



NATA Accredited Laboratory
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		26-February-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0200	CG-IS 22.02.24 8.18am	Nickel (dissolved)	0.005 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	299 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.009 mg/L	APHA 3030 B/3120 B	0.002
24Feb-0201	YR1-RS 22.02.24 8.31am	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	14.8 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	37 mg/L	LTM-W-038	2
		Iron (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0201	YR1-RS 22.02.24 8.31am	Lead (dissolved)	0.005 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	70 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
24Feb-0202	LHG-IS 22.02.24 8.46am	Aluminium (dissolved)	0.26 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	111 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0202	LHG-IS 22.02.24 8.46am	Copper (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	306 mg/L	LTM-W-038	2
		Iron (dissolved)	0.22 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.008 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	7.01 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.047 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.006 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.07 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	295 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	3 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.010 mg/L	APHA 3030 B/3120 B	0.002
24Feb-0203	YR2-IS 22.02.24 9.12am	Aluminium (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0203	YR2-IS 22.02.24 9.12am				
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	15.1 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.004 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	38 mg/L	LTM-W-038	2
		Iron (dissolved)	0.06 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.003 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.004 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	54 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.007 mg/L	APHA 3030 B/3120 B	0.002

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0204	TR-RS 22.02.24 10.55am				
		Aluminium (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	3.18 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	8 mg/L	LTM-W-038	2
		Iron (dissolved)	0.05 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	9 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0204	TR-RS 22.02.24 10.55am	Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
24Feb-0205	YK-IS (d/s) 22.02.24 11.36am	Aluminium (dissolved)	0.42 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	2.38 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	6 mg/L	LTM-W-038	2
		Iron (dissolved)	0.49 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.009 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0205	YK-IS (d/s) 22.02.24 11.36am	Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	22 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
24Feb-0206	NZG-IS 22.02.24 11.45am	Aluminium (dissolved)	0.18 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	4.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	10 mg/L	LTM-W-038	2
		Iron (dissolved)	0.24 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.005 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0206	NZG-IS 22.02.24 11.45am	Nickel (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	1.0 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.02 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	26 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	1.0 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
24Feb-0207	YK-IS 22.02.24 12.17pm	Aluminium (dissolved)	0.64 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.64 mg/L	APHA 3030 B/3120 B	0.01

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0207	YK-IS 22.02.24 12.17pm	Lead (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.014 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.03 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	24 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.003 mg/L	APHA 3030 B/3120 B	0.002
24Feb-0208	YK-RS 22.02.24 12.32pm	Aluminium (dissolved)	0.79 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000

NGH Environmental
35 Kincaid Street
Wagga Wagga NSW 2650
Attention: Nicola Smith

Tuesday, March 12, 2024



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<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
		26-February-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0208	YK-RS 22.02.24 12.32pm	Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO₃	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	0.72 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	0.002 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	0.021 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	1.0 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	0.02 mg/L	LTM-W-030	0.01
		Phosphorus, Total	0.04 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	38 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	1.0 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
24Feb-0209	DUP01 22.02.24 12.32pm	Aluminium (dissolved)	0.80 mg/L	APHA 3030 B/3120 B	0.03
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003

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		26-February-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0209	DUP01 22.02.24 12.32pm	Cadmium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Chromium (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
		Iron (dissolved)	0.72 mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Manganese (dissolved)	0.021 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Zinc (dissolved)	0.002 mg/L	APHA 3030 B/3120 B	0.002
24Feb-0210	WATER BLANK	Aluminium (dissolved)	<0.03 mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	<0.013 mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	<0.0003 mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	<0.00001 mg/L	* APHA 3030 B/3120 B	0.0000
		Copper (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	<0.002 mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO3	<2 mg/L	LTM-W-038	2
		Iron (dissolved)	<0.01 mg/L	APHA 3030 B/3120 B	0.01

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Facility:	Order #	Date Analysis Commenced
		26-February-2024

Sample Type	Collected By	Date Received
Water	M. Wyburn	26-February-2024

EAL ID	Client ID. Date/Time sample taken	Test	Result (units)	Method Reference	Limit of Reporting
24Feb-0210	WATER BLANK				
		Lead (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	<2.00 mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	<0.001 mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	<0.00003 mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	<0.001 mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	<0.2 mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	<0.015 mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	<0.01 mg/L	LTM-W-030	0.01
		Phosphorus, Total	<0.01 mg/L	LTM-W-030	0.01
		Silver (dissolved)	<0.00002 mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	<2 mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	<0.2 mg/L	* LTM-W-034	0.2
		Total Suspended Solids	<0.2 mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	<0.002 mg/L	APHA 3030 B/3120 B	0.002

24Feb-0221	SSC-IS 22.02.24				
		Aluminium (dissolved)	dry mg/L	APHA 3030 B/3120 B	0.03
		Ammonia as N	dry mg/L	* LTM-W-042	0.01
		Arsenic (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.0003
		Cadmium (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.0000
		Calcium (dissolved)	dry mg/L	APHA 3030 B/3120 B	2
		Chromium (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.0000

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		26-February-2024

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
24Feb-0221	SSC-IS 22.02.24	Copper (dissolved)	dry mg/L	APHA 3030 B/3120 B	0.002
		Cyanide	dry mg/L	* APHA 4500-CN E	0.002
		Total Hardness as CaCO ₃	dry mg/L	LTM-W-038	2
		Iron (dissolved)	dry mg/L	APHA 3030 B/3120 B	0.01
		Lead (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.001
		Magnesium (dissolved)	dry mg/L	APHA 3030 B/3120 B	2
		Manganese (dissolved)	dry mg/L	APHA 3030 B/3120 B	0.001
		Mercury (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.0000
		Nickel (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.001
		Nitrogen, total	dry mg/L	* APHA 4500-Norg B + 4110 B	0.2
		Nitrate/Nitrite as N	dry mg/L	* LTM-W-014	0.02
		Ortho-Phosphate as P	dry mg/L	LTM-W-030	0.01
		Phosphorus, Total	dry mg/L	LTM-W-030	0.01
		Silver (dissolved)	dry mg/L	* APHA 3030 B/3120 B	0.0000
		Total Dissolved Solids	dry mg/L	LTM-W-035	2
		Total Kjeldahl Nitrogen	dry mg/L	* LTM-W-034	0.2
		Total Suspended Solids	dry mg/L	* APHA 2540 D	0.2
		Zinc (dissolved)	dry mg/L	APHA 3030 B/3120 B	0.002

Note:

*** NATA Accreditation does not cover the performance of this service.**

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		26-February-2024
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Water	M. Wyburn	26-February-2024
<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>
		<u>Result (units)</u>
		<u>Method Reference</u>
		<u>Limit of Reporting</u>

Signed Michael Glazier, Laboratory Manager.

All samples analysed as received.
All soil results are reported on a dry basis.
The EAL takes no responsibility for the end use of results within this report.
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This report replaces any previously issued report

NGH Pty Ltd

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