



JULY 2026

MONTHLY CONSTRUCTION WATER QUALITY MONITORING REPORT

July 2026

Project No.: 3200-0645

Project: Transgrid Maragle 500/330 kV Substation

Private & Confidential

CONTENTS

1	BACKGROUND	7
2	INTRODUCTION	9
3	METHODOLOGY.....	10
4	BASELINE WATER QUALITY.....	16
4.1	WATER QUALITY OBJECTIVES	16
4.2	SITE SPECIFIC GUIDELINE VALUES.....	16
5	JULY 2026 MONITORING	17
5.1	OBSERVATIONS.....	18
5.2	RESULTS.....	25
5.2.1	KEY PHYSICAL AND CHEMICAL PARAMETERS.....	25
5.2.1.1	TEMPERATURE	26
5.2.1.2	PH.....	27
5.2.1.3	DISSOLVED OXYGEN	28
5.2.1.4	SPECIFIC CONDUCTANCE	29
5.2.1.5	ELECTRICAL CONDUCTIVITY	30
5.2.1.6	TURBIDITY	31
5.2.1.7	TOTAL SUSPENDED SOLIDS	32
5.2.1.8	TOTAL DISSOLVED SOLIDS.....	33
5.2.1.9	REDOX	34
5.2.1.10	NITROGEN OXIDES	35
5.2.1.11	AMMONIA.....	36
5.2.1.12	CYANIDE	37
5.2.1.13	TOTAL HARDNESS	38
5.2.1.14	TOTAL KJELDAHL NITROGEN	39
5.2.1.15	TOTAL NITROGEN.....	40
5.2.1.16	TOTAL PHOSPHORUS	41
5.2.1.17	REACTIVE PHOSPHORUS	42
5.2.2	DISSOLVED METALS	43
5.2.3	TOTAL METALS.....	44
6	DISCUSSION	45
7	CONCLUSION	45

TABLES

TABLE 1 SWQ MONITORING LOCATIONS OUTLINED IN THE METHODOLOGY (NGH, 2022).....	10
TABLE 2 SEASONAL SSGV (NGH, 2024) AND DGV (ANZG, 2018) FOR WATER QUALITY PARAMETERS	13
TABLE 3 FIELD OBSERVATIONS DURING SAMPLING.....	18
TABLE 4: RESULTS FOR DISSOLVED METALS.....	43
TABLE 5: RESULTS FOR TOTAL METALS	44

FIGURES

FIGURE 1 LOCALITY OF THE PROJECT AND SWQ MONITORING LOCATIONS	8
FIGURE 2 WATER QUALITY MONITORING LOCATIONS ASSOCIATED WITH REFERENCE SITE YR-RS AND TR-RS IN RELATION TO THE PROJECT	11
FIGURE 3 WATER QUALITY MONITORING LOCATIONS ASSOCIATED WITH REFERENCE SITE WC-RS IN RELATION TO THE PROJECT.....	12
FIGURE 4 : TEMPERATURE FOR YARRANGOBILLY RIVER CATCHMENT	26
FIGURE 5: TEMPERATURE FOR TALBINGO RESERVOIR	26
FIGURE 6: TEMPERATURE FOR YORKERS CREEK CATCHMENT	26
FIGURE 7: PH FOR YARRANGOBILLY RIVER CATCHMENT	27
FIGURE 8: PH FOR TALBINGO RESERVOIR	27
FIGURE 9: PH FOR YORKERS CREEK CATCHMENT	27
FIGURE 10: DO FOR YARRANGOBILLY RIVER CATCHMENT	28
FIGURE 11: DO FOR TALBINGO RESERVOIR.....	28
FIGURE 12: DO FOR YORKERS CREEK CATCHMENT	28
FIGURE 13: SPC FOR YARRANGOBILLY RIVER CATCHMENT	29
FIGURE 14: SPC FOR TALBINGO RESERVOIR.....	29
FIGURE 15: SPC FOR YORKERS CREEK CATCHMENT	29
FIGURE 16: EC FOR YARRANGOBILLY RIVER CATCHMENT	30
FIGURE 17: EC FOR TALBINGO RESERVOIR.....	30
FIGURE 18: EC FOR YORKERS CREEK CATCHMENT	30
FIGURE 19: TURBIDITY FOR YARRANGOBILLY RIVER CATCHMENT	31
FIGURE 20: TURBIDITY FOR TALBINGO RESERVOIR.....	31
FIGURE 21: TURBIDITY FOR YORKERS CREEK CATCHMENT	31
FIGURE 22: TSS FOR YARRANGOBILLY RIVER CATCHMENT	32
FIGURE 23: TSS FOR TALBINGO RESERVOIR	32
FIGURE 24: TSS FOR YORKERS CREEK CATCHMENT	32
FIGURE 25: TDS FOR YARRANGOBILLY RIVER CATCHMENT	33
FIGURE 26: TDS FOR TALBINGO RESERVOIR	33

FIGURE 27: TDS FOR YORKERS CREEK CATCHMENT	33
FIGURE 28: REDOX FOR YARRANGOBILLY RIVER CATCHMENT	34
FIGURE 29: REDOX FOR TALBINGO RESERVOIR	34
FIGURE 30: REDOX FOR YORKERS CREEK CATCHMENT	34
FIGURE 31: NITROGEN OXIDES FOR YARRANGOBILLY RIVER CATCHMENT	35
FIGURE 32: NITROGEN OXIDES FOR TALBINGO RESERVOIR.....	35
FIGURE 33: NITROGEN OXIDES FOR YORKERS CREEK CATCHMENT	35
FIGURE 34: AMMONIA FOR YARRANGOBILLY RIVER CATCHMENT	36
FIGURE 35: AMMONIA FOR TALBINGO RESERVOIR	36
FIGURE 36: AMMONIA FOR YORKERS CREEK CATCHMENT	36
FIGURE 37: CYANIDE FOR YARRANGOBILLY RIVER CATCHMENT	37
FIGURE 38: CYANIDE FOR TALBINGO RESERVOIR	37
FIGURE 39: CYANIDE FOR YORKERS CREEK CATCHMENT	37
FIGURE 40: CaCO_3 FOR YARRANGOBILLY RIVER CATCHMENT	38
FIGURE 41: CaCO_3 FOR TALBINGO RESERVOIR	38
FIGURE 42: CaCO_3 FOR YORKERS CREEK CATCHMENT	38
FIGURE 43: TKN FOR YARRANGOBILLY RIVER CATCHMENT	39
FIGURE 44: TKN FOR TALBINGO RESERVOIR	39
FIGURE 45: TKN FOR YORKERS CREEK CATCHMENT	39
FIGURE 46: TN FOR YARRANGOBILLY RIVER CATCHMENT	40
FIGURE 47: TN FOR TALBINGO RESERVOIR	40
FIGURE 48: TN FOR YORKERS CREEK CATCHMENT	40
FIGURE 49: TP FOR YARRANGOBILLY RIVER CATCHMENT	41
FIGURE 50: TP FOR TALBINGO RESERVOIR.....	41
FIGURE 51: TP FOR YORKERS CREEK CATCHMENT	41
FIGURE 52: RP FOR YARRANGOBILLY RIVER CATCHMENT	42
FIGURE 53: RP FOR TALBINGO RESERVOIR	42
FIGURE 54: RP FOR YORKERS CREEK CATCHMENT	42

APPENDIX A: FIELD SHEET (UGL, 2025)

APPENDIX B: COA (ALS, 2025A), QA/QC ASSESSMENT (ALS, 2025B) AND QCR (ALS, 2025C)

APPENDIX C: JULY 2026 WQ MONITORING RESULTS

APPENDIX D: CALIBRATION CERTIFICATE

ABBREVIATIONS

Acronym	Full Form
°C	degrees Celsius
µS/cm	micro Siemens per centimetre
%	percent
4WD	Four wheel drive
Ag	Silver
Al	Aluminium
ALS	ALS Limited
ANZECC	Australian and New Zealand Environment and Conservation Council
ANZG	Australian and New Zealand Guidelines
ARMCANZ	Agriculture and Resource Management Council of Australia and New Zealand
As	Arsenic
Baseline Report	'Baseline Water Quality Report' (NGH, 2024)
CaCO ₃	Total Hardness
Cd	Cadmium
COA	'Certificate of Analysis' (ALS, 2025a)
COC	Chain of Custody
Cr	Chromium
Cu	Copper
DGV	Default Guideline Values
DO	Dissolved Oxygen
EC	Electrical Conductivity
EIS	Environmental Impact Statement
EPL	Environmental Protection Licence
Fe	Iron
Field Sheet	'Water Quality Monitoring Field Data Sheet' (UGL, 2025)
Hg	Mercury
km	kilometres
KNP	Kosciuszko National Park
kV	kilovolt
LOR	limit of reporting
mg/L	milligram per litre
mm	millimetre
Mn	Manganese
mV	millivolt
NATA	National Association of Testing Authorities, Australia

ABBREVIATIONS

Acronym	Full Form
NEM	National Energy Market
NGH	NGH Pty Ltd
Ni	Nickel
NSW	New South Wales
NTU	Nephelometric Turbidity Unit
Pb	Lead
ppm	parts per million
Pty Ltd	Proprietary Limited
QA/QC Assessment	'QA/QC Compliance Assessment to assist with Quality Review' (ALS, 2025b)
QCR	'Quality Control Report' (ALS, 2025c)
RP	reactive phosphorus
RS	Reference Site
Snowy 2.0	Snowy Scheme expansion project (EPBC 2018/8322)
Snowy Hydro	Snowy Hydro Limited
Snowy Scheme	Snowy Mountains Hydro-electric Scheme
SPC	specific conductance
SSGV	Site Specific Guideline Values
SW	surface water
SWQ	surface water quality
TDS	Total Dissolved Solids
The Methodology	'Pre-construction Water Quality Monitoring Program and Methodology' (NGH, 2022)
The Project	Construction of a 330 kV substation and overhead transmission lines between Nurenmerenmong, NSW and Cabramurra, NSW
TKN	Total Kjeldahl Nitrogen
TN	Total Nitrogen
TP	Total Phosphorus
Transgrid	The Trustee for the NSW Electricity Operations Trust
TSS	Total Suspended Solids
UGL	UGL Limited
WQO	water quality objectives
Zn	Zinc

1 BACKGROUND

In 2020 Snowy Hydro Limited (Snowy Hydro) obtained approval (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 (Snowy 2.0).

To connect Snowy 2.0 to the National Energy Market (NEM), a new transmission connection was required. The Trustee for the New South Wales (NSW) Electricity Operations Trust (TransGrid) is constructing a 330 kilovolt (kV) substation and overhead transmission lines (the Project) to facilitate the connection of Snowy 2.0 to the existing electrical transmission network. The Project is located within Kosciuszko National Park (KNP) between Nurenmerenmong and Cabramurra, NSW, approximately 27 kilometres (km) east of Tumbarumba, NSW (Figure 1). UGL Limited (UGL) has been engaged on behalf of Transgrid to undertake the Project.

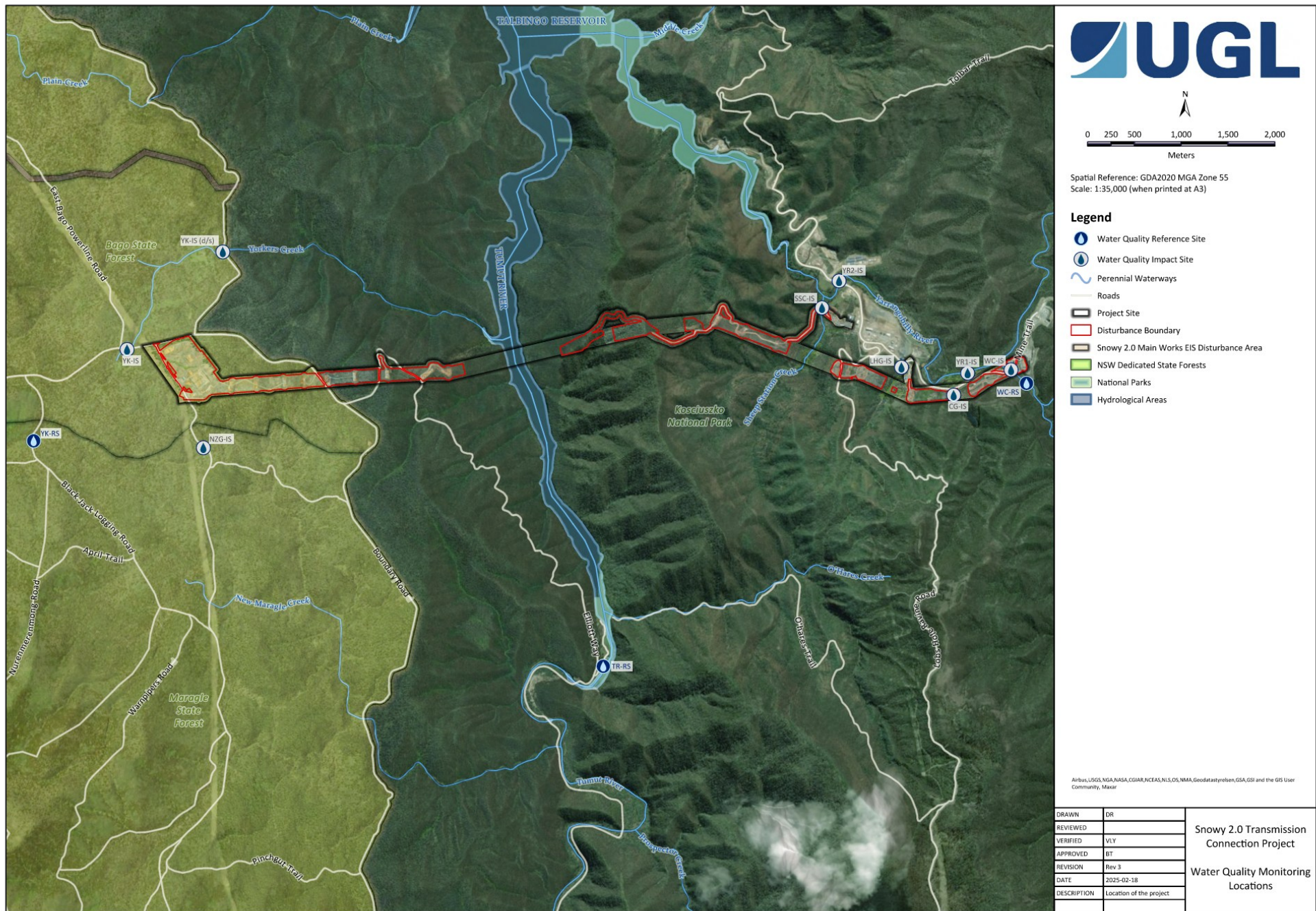


FIGURE 1 LOCALITY OF THE PROJECT AND SWQ MONITORING LOCATIONS

2 INTRODUCTION

The Project is adjacent to, and forms part of, the Snowy 2.0 project area and is located within KNP, an area of high conservation value. A total of 22 mapped waterways, tributaries of Yarrangobilly River and Tumut River, transect the Project Boundary (Figure 1).

One of the conditions of approval to meet the requirements outlined in the 'Environmental Impact Statement' (EIS) (Jacobs, 2020) and the Project's Environmental Protection Licence (EPL 21753) is to undertake regular surface water quality (SWQ) monitoring to mitigate environmental impacts on SWQ.

Pre-construction SWQ monitoring was undertaken by NGH Pty Ltd (NGH) between March 2022 and February 2024 to determine site specific baseline values for SWQ parameters prior to Project construction works. The pre-construction SWQ monitoring was undertaken using the 'Pre-construction Water Quality Monitoring Program and Methodology' (the Methodology) developed by NGH in 2022 (refer Section 3). Two years of pre-construction SWQ monitoring was analysed and summarised in the 'Baseline Water Quality Report' (Baseline Report) (NGH, 2024). The results were used to determine seasonal Site Specific Guideline Values (SSGV) for ongoing SWQ monitoring during the construction phase.

Construction for the Project commenced in March 2024. Construction SWQ monitoring will be undertaken by UGL on a monthly basis as per the revised methodology outlined in Section 3 to identify potential changes to SWQ that may be associated with the Project. SW samples from the construction SWQ monitoring would be analysed and presented in monthly Construction Water Quality Monitoring Reports.

3 METHODOLOGY

The Methodology was prepared by NGH in 2022 to support the pre-construction SWQ monitoring for the Project. The Methodology detailed the water quality objectives (WQO) for the Project, identified the monitoring locations and outlined the methodology for surface water (SW) sampling during the pre-construction phase. The Methodology (NGH, 2022) took into account the Project location within an area of high conservation value where the WQO for physical and chemical stressors, as outlined in the 'Australian and New Zealand Guidelines for Fresh and Marine Water Quality' (ANZG) (ANZG, 2018), includes no change in biodiversity beyond natural variability and where possible, there should also be no change in water/sediment chemical and physical properties, including toxicants.

Monitoring locations are outlined in Table 1. Figure 2 and Figure 3 show the water quality monitoring locations in relation to the Project and Snowy 2.0.

The Methodology (NGH, 2022) has been revised for construction SWQ monitoring by taking into account the seasonal SSGV set out in the Baseline Report (NGH, 2024) (refer to Section 4.2).

Construction SWQ monitoring would be analysed against the seasonal SSGV where available and appropriate. The Default Guideline Values (DGV) for Upland Rivers (ANZG, 2018) would be applied to water quality parameters that were not assessed in the Baseline Report (NGH, 2024) or where a guideline range is more appropriate. Table 2 outlines the seasonal SSGV and DGV used to compare construction SWQ to pre-construction SWQ.

Table 1 SWQ monitoring locations outlined in the Methodology (NGH, 2022)

WATER QUALITY MONITORING LOCATIONS					
ID	Waterway	Site Type	Catchment	Latitude	Longitude
WC-RS	Wallace Creek	Reference	Yarrangobilly River	-35.794258	148.415253
WC-IS	Wallace Creek	Impact		-35.792982	148.413404
CG-IS	Cave Gully	Impact		-35.795495	148.406665
YR1-IS	Yarrangobilly River	Impact		-35.793358	148.408277
LHG-IS	Lick Hole Gully	Impact		-35.792890	148.400445
YR2-IS	Yarrangobilly River	Impact		-35.784656	148.392921
SSC-IS	Sheep Station Creek	Impact		-35.793243	148.391046
TR-RS	Talbingo Reservoir	Reference	Talbingo Reservoir	-35.822094	148.365690
YK-RS	Yorkers Creek	Reference	Yorkers Creek	-35.801126	148.297979
YK-IS (D/S)	Yorkers Creek	Impact		-35.782684	148.320040
NZG-IS	New Zealand Gully	Impact		-35.801575	148.318051
YK-IS	Yorkers Creek	Impact		-35.792209	148.308878

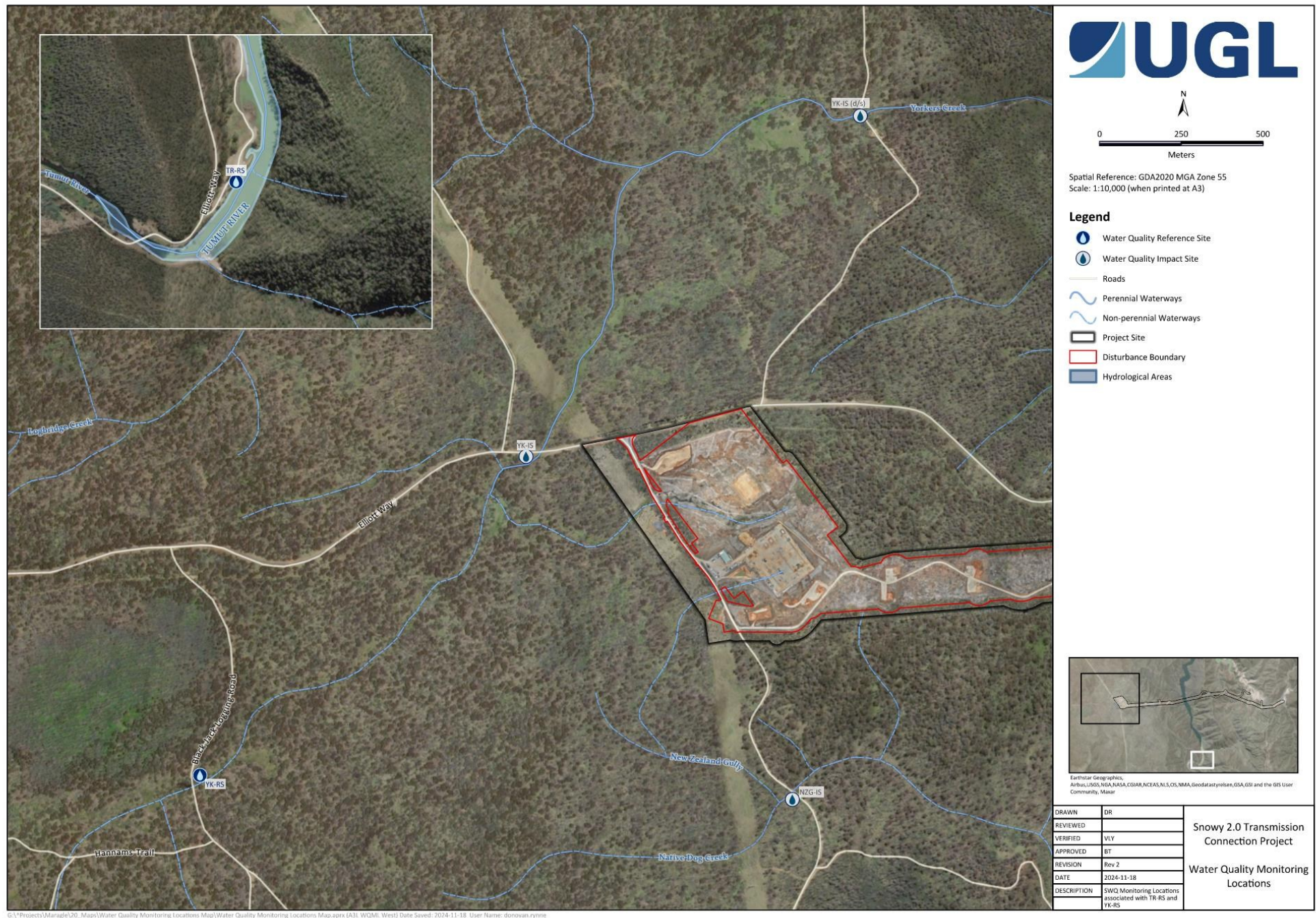


FIGURE 2 WATER QUALITY MONITORING LOCATIONS ASSOCIATED WITH REFERENCE SITE YR-RS AND TR-RS IN RELATION TO THE PROJECT

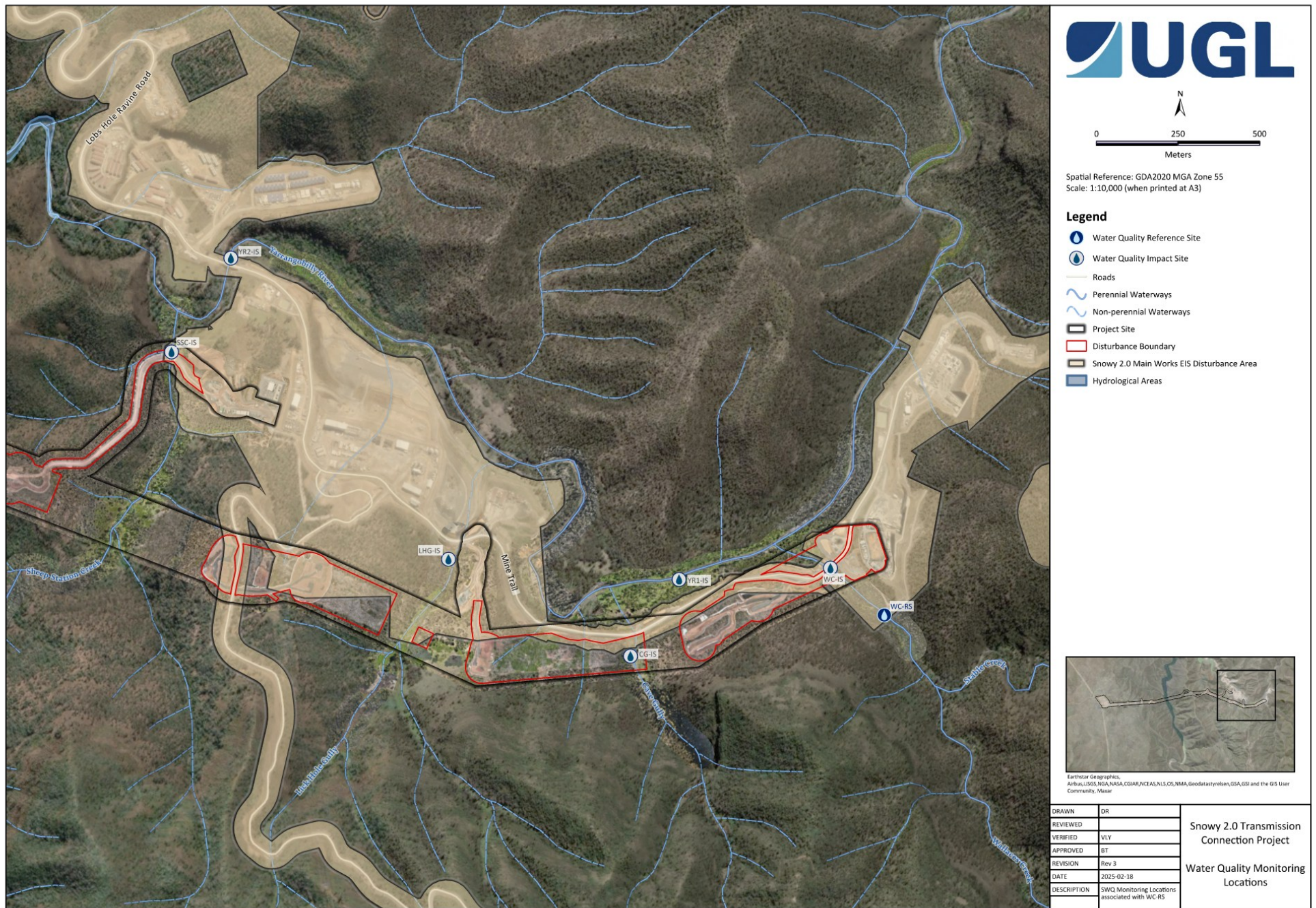


FIGURE 3 WATER QUALITY MONITORING LOCATIONS ASSOCIATED WITH REFERENCE SITE WC-RS IN RELATION TO THE PROJECT

Table 2 Seasonal SSGV (NGH, 2024) and DGV (ANZG, 2018) for water quality parameters

SURFACE WATER QUALITY GUIDELINE VALUES								
Parameter	Unit	WC-RS		TR-RS		YK-RS		DGV
		SSGV (Summer/Autumn)	SSGV (Winter/Spring)	SSGV (Summer/Autumn)	SSGV (Winter/Spring)	SSGV (Summer/Autumn)	SSGV (Winter/Spring)	
Temperature	°C*	-	-	-	-	-	-	-
Dissolved Oxygen (DO) ***	%#	96.2	89.7	91.3	95.5	89.6	88.7	90-110
DO	ppm ⁺	9.08	10.28	8.79	11.53	8.35	10.2	-
Specific Electrical Conductivity (EC)***	SPC [^] μS/cm ^{^^}	115	88	24	38.7	31	27.9	30-350
EC***	μS/cm	93.2	60.85	20.3	26.2	24	20.5	30-350
pH***	-	7.85	7.62	7.59	7.59	6.79	6.61	6.5-8
Redox	mV ^{##}	79.1	98.4	91.2	95.4	94.6	106.1	-
Turbidity***	NTU ^{**}	0.37	5.12	0.09	1.56	9	7.87	2-25
Dissolved Aluminium (Al)	mg/L ⁺⁺	0.03	0.04	0.03	0.015	0.36	0.32	0.027
Dissolved Arsenic (As)	mg/L	0.003	0.0003	0.003	0.0003	0.003	0.0003	0.0008
Dissolved Cadmium (Cd)	mg/L	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.0006
Dissolved Chromium (Cr)	mg/L	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
Dissolved Copper (Cu)	mg/L	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.001
Cyanide	mg/L	0.002	0.002	0.002	0.002	0.002	0.002	0.004
Dissolved Iron (Fe)	mg/L	0.03	0.02	0.04	0.02	0.41	0.23	0.3
Dissolved Lead (Pb)	mg/L	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Dissolved Manganese (Mn)	mg/L	0.002	0.002	0.003	0.002	0.005	0.003	1.2
Dissolved Mercury (Hg)	mg/L	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00006

SURFACE WATER QUALITY GUIDELINE VALUES

Parameter	Unit	WC-RS		TR-RS		YK-RS		DGV
		SSGV (Summer/Autumn)	SSGV (Winter/Spring)	SSGV (Summer/Autumn)	SSGV (Winter/Spring)	SSGV (Summer/Autumn)	SSGV (Winter/Spring)	
Dissolved Nickel (Ni)	mg/L	0.001	0.001	0.001	0.001	0.001	0.001	0.008
Total Nitrogen (TN)	mg/L	0.2	0.2	0.2	0.2	0.2	0.2	0.25
Total Phosphorus (TP)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Dissolved Silver (Ag)	mg/L	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
Dissolved Zinc (Zn)	mg/L	0.002	0.002	0.002	0.002	0.002	0.002	0.0024
Ammonia	mg/L	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Nitrogen Oxides	mg/L	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Reactive Phosphorus (RP)	mg/L	0.02	0.015	0.02	0.015	0.02	0.02	0.015
Total Hardness (CaCO ₃)	mg/L	47	30	7.5	8	1	7	-
Total Kjeldahl Nitrogen (TKN)	mg/L	0.2	0.2	0.1	0.2	0.1	0.2	-
Total Dissolved Solids (TDS)	mg/L	52	39	12.5	15	30	10	-
Total Suspended Solids (TSS)	mg/L	0.2	1	0.2	0.2	3	0.2	0.2
Total Al [@]	mg/L	-	-	-	-	-	-	0.027
Total As [@]	mg/L	-	-	-	-	-	-	0.0008
Total Cd [@]	mg/L	-	-	-	-	-	-	0.0006
Total Cr [@]	mg/L	-	-	-	-	-	-	0.00001
Total Cu [@]	mg/L	-	-	-	-	-	-	0.001
Total Pb [@]	mg/L	-	-	-	-	-	-	0.001
Total Mn [@]	mg/L	-	-	-	-	-	-	1.2
Total Ni [@]	mg/L	-	-	-	-	-	-	0.008

SURFACE WATER QUALITY GUIDELINE VALUES

Parameter	Unit	WC-RS		TR-RS		YK-RS		DGV
		SSGV (Summer/Autumn)	SSGV (Winter/Spring)	SSGV (Summer/Autumn)	SSGV (Winter/Spring)	SSGV (Summer/Autumn)	SSGV (Winter/Spring)	
Total Ag [@]	mg/L	-	-	-	-	-	-	0.00002
Total Zn [@]	mg/L	-	-	-	-	-	-	0.0024
Total Fe [@]	mg/L	-	-	-	-	-	-	0.3
Total Hg [@]	mg/L	-	-	-	-	-	-	0.00006

* °C = degrees Celsius

% = percent

mV = millivolt

+ ppm = parts per million

^ SPC = specific conductance

** mg/L = milligram per litre

** NTU = Nephelometric Turbidity Unit

^^ µS/cm = micro Siemens per centimetre

@ parameter not analysed by NGH

*** assessed against DGV where guideline range is more appropriate for the parameter

4 BASELINE WATER QUALITY

4.1 Water Quality Objectives

Water quality objectives are outlined in Section 2.1 of the Baseline Report (NGH, 2024).

4.2 Site Specific Guideline Values

In accordance with the ANZG (ANZG, 2018), SSGV for the three Reference Sites (RS) (WC-RS, TR-RS and YK-RS) were derived from the results collected during the 24-month pre-construction SWQ monitoring period. The SSGV reflect the seasonality observed in the baseline data and are characterised by the drier months of Summer/Autumn (December to May) and wetter months of Winter/Spring (June to November) in accordance with the 'Australian and New Zealand Environment and Conservation Council (ANZECC) and Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ) (2000) methodology and derivatives developed to 2018 of the ANZG (ANZG, 2018).

Table 2 outlines the seasonal SSGV provided in the Baseline Report (NGH, 2024).

5 JULY 2026 MONITORING

SW sampling was undertaken at 11 monitoring locations on 05 July 2026. YK-RS was dry or had no flow at the time of monitoring.

In accordance with the methodology outlined in Section 3, SW samples were either measured in situ using a calibrated YSI ProDSS Sonde Multiparameter Digital Water Quality Meter (refer to Appendix D) or analysed by National Association of Testing Authorities, Australia (NATA) accredited ALS Limited (ALS) laboratory.

The 'Water Quality Monitoring Field Data Sheet' (Field Sheet) (UGL, 2025) is provided in Appendix A. The 'Certificate of Analysis' (COA) (ALS, 2025a), 'QA/QC Compliance Assessment to assist with Quality Review' (QA/QC Assessment) (ALS, 2025b) and 'Quality Control Report' (QCR) (ALS, 2025c) are attached in Appendix B.

5.1 Observations

Field observations during sampling are summarised in Table 3.

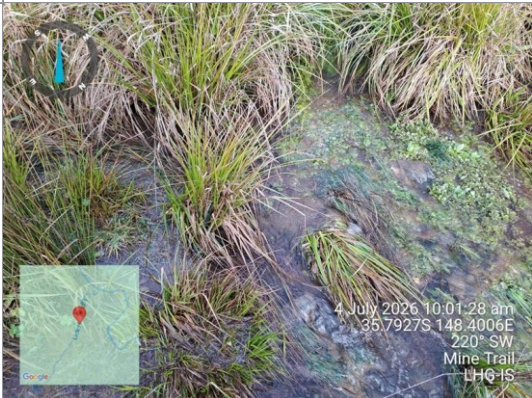
Table 3 Field observations during sampling

FIELD OBSERVATIONS		
Date	05 July 2026	
Weather	The weather forecast for 05 July was 10 percent <1 millimeters (mm) of rain. The weather at the time of sampling was overcast and fine.	
ID	Observations	Photo
WC-RS	• Fast flowing, high level • Murky, cannot see river bed • Presence of vegetative detritus in the waterbody. • Riparian vegetation comprised of groundcover species, shrubs and mature trees. • Moderate weed density, including blackberry (<i>Rubus fruticosus</i>).	

FIELD OBSERVATIONS

ID	Observations	Photo
WC-IS	• Fast flowing, high velocity • Clear water • Large boulders and undercut banks present. • Riparian vegetation comprised of trees and grass. • Dry adjacent beds • High weed density, including blackberry (<i>Rubus fruticosus</i>). • Monitoring location is situated adjacent to bridge and Mine Trail Road which is frequently used by snowy 2.0 vehicles, plant and machinery.	
CG-IS	• Moderate Flow • Evidence of fauna activity on the bank • Thick grass and aquatic vegetation present	

FIELD OBSERVATIONS

ID	Observations	Photo
YR1-IS	• High flow rate, strong velocity • Murky water • Rocky banks with sections of exposed soil along upper bank areas. • Exposed boulders and pebbles in creek • Riparian vegetation comprised of groundcover species, shrubs and trees. • Moderate weed density including thistle (<i>Cirsium spp.</i>) and blackberry (<i>Rubus fruticosus</i>) • Monitoring location is situated adjacent to bridge and electrical transmission tower on top of rocky cliff and Snowy 2.0 laydown area	
LHG-IS	• Low flow rate • Evidence of fauna (tracks and scats) • Adjacent to haul road • Dense ground cover – grass, reeds • Aquatic vegetation in and surrounding stream • Rocky stream bed with moss present on bank-side pebbles	

FIELD OBSERVATIONS

ID	Observations	Photo
YR2-IS	• High water levels, high flow. • Evidence of fauna (tracks and scats). • Murky water, not clear • Riparian vegetation comprised of groundcover species, shrubs and trees. • Moderate weed density, including blackberry (<i>Rubus fruticosus</i>). • Presence of road washout from Mine Trail Road in vegetation adjacent to river.	
SSC-IS	• Low flow • Murky water, dark yellow tinge and debris in water • Presence of overhanging and in-stream vegetation • Grasses present on banks • Moderate weed density, including blackberry (<i>Rubus fruticosus</i>). • Evidence of erosion with soil exposed banks	

FIELD OBSERVATIONS

ID	Observations	Photo
TR-RS	• Low water level and slow flow rate • Clear Water • Presence of campers • Avian presence on waterbody • Vegetated bank • Monitoring location is situated adjacent to publicly accessible O'Hares Campground and Talbingo Reservoir ancillary infrastructure.	
YK-RS	• Dry; no flow at the time of sampling.	

FIELD OBSERVATIONS

ID	Observations	Photo
YK-IS (D/S)	• Slow flow • Vegetation submerged in stream and bank • Branches overhanging creek • Evidence of fauna tracks on the bank • Slight yellow tinge to water • Murky water • Eroded banks	
NZG-IS	• Tinge to water, slow velocity, low level • Overhanging and encroaching reeds and grasses. • Evidence of fauna tracks on banks • Monitoring location is situated adjacent to publicly accessible 4WD track. • Silt deposition on the bed/silty bed • Eroded stream bed • Moderate weed density, including blackberry (<i>Rubus fruticosus</i>).	

FIELD OBSERVATIONS

ID	Observations	Photo
YK-IS	• Murky waterbed • Low flow • Close proximity to HLW works (substation) • Vegetation in bed and on banks – reeds and grasses • Mossy pebbles, vegetation on banks • Evidence of fauna tracks on banks • Slight tinge to water • Monitoring location is situated adjacent to Elliott Way, leading towards culvert.	

5.2 Results

The results from the construction SWQ monitoring program have been reported for each respective catchment: Yarrangobilly River, Talbingo Reservoir, and Yorkers Creek.

- **Yarrangobilly River catchment** monitoring includes the reference site at Wallace Creek and impact sites at Yarrangobilly River, Wallace Creek, Cave Gully, Lick Hole Gully, and Sheep Station Creek.
- **Yorkers Creek catchment** monitoring includes the reference site at Yorkers Creek and impact sites at Yorkers Creek and New Zealand Gully.
- **Talbingo Reservoir** features a reference site located upstream within the reservoir, serving as an overall reference for monitoring sites in the Yarrangobilly River and Yorkers Creek catchments.

This reference site provides a baseline for the SWQ monitoring program.

The SWQ monitoring results for key physical and chemical parameters, along with site-specific trigger values, are detailed in Section 5.2.1. Results for dissolved and total metals, including site-specific trigger values, are covered in Sections 5.2.2 and 5.2.3. Upon review of the data, observations were noted between the reference and impact sites.

The complete table of results is attached in Appendix C: July 2026 WQ Monitoring Results.

5.2.1 Key Physical and Chemical Parameters

See below for results of key physical and chemical parameters.

5.2.1.1 Temperature

During July 2026, mean water temperature increased in the Yarrangobilly River catchment to approximately 10.3°C, decreased at the Talbingo Reservoir reference site to 10.2°C, and decreased slightly in the Yorkers Creek catchment to approximately 6.7°C, refer Figure 4 to Figure 6.

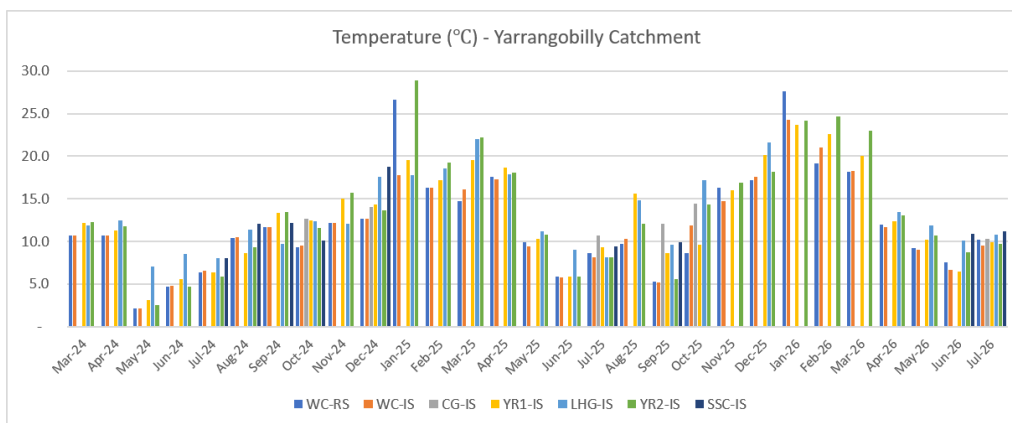


FIGURE 4 : TEMPERATURE FOR YARRANGOBILLY RIVER CATCHMENT

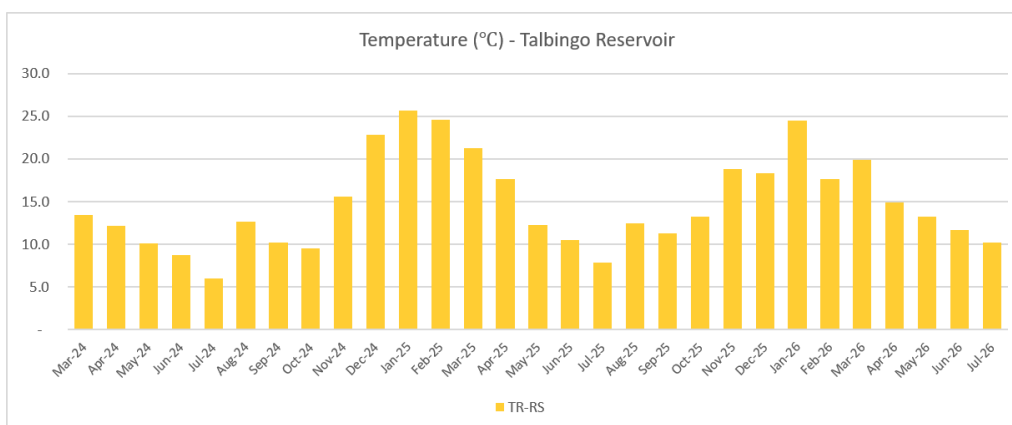


FIGURE 5: TEMPERATURE FOR TALBINGO RESERVOIR

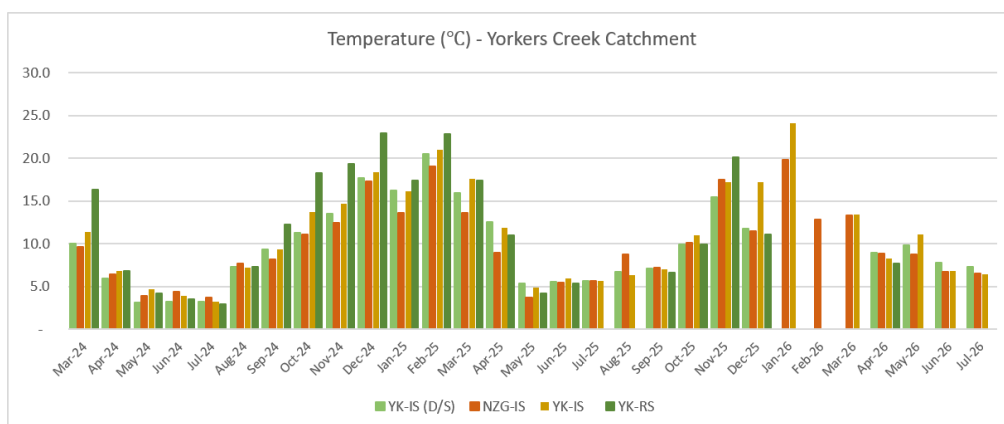


FIGURE 6: TEMPERATURE FOR YORKERS CREEK CATCHMENT

5.2.1.2 pH

During July 2026, pH exceeded the June–November SSGV at all sampled sites in the Yarrangobilly River catchment except SSC-IS. The pH result at TR-RS remained below the applicable SSGV. All sampled impact sites in the Yorkers Creek catchment exceeded the applicable SSGV, refer Figure 7 to Figure 9.

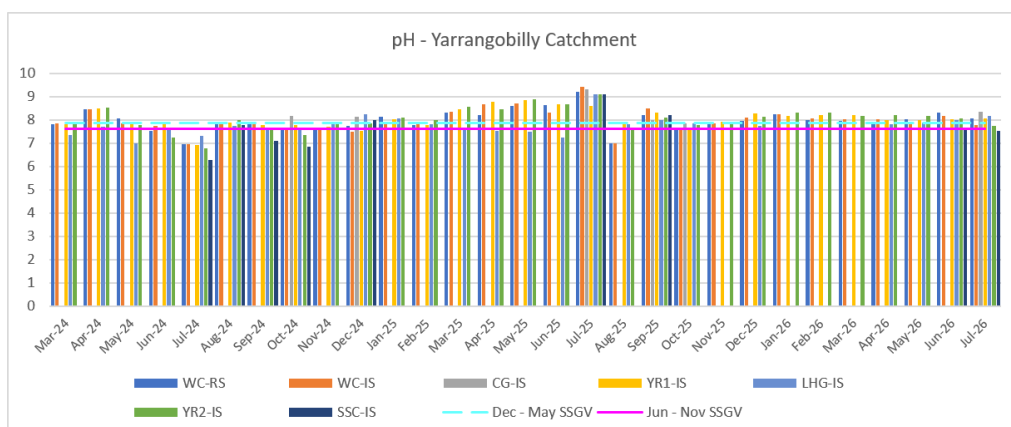


FIGURE 7: PH FOR YARRANGOBILLY RIVER CATCHMENT

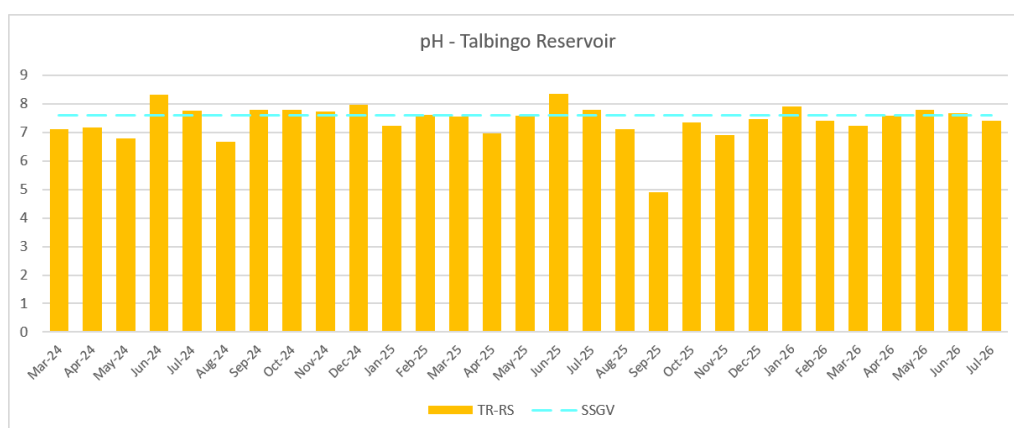


FIGURE 8: PH FOR TALBINGO RESERVOIR

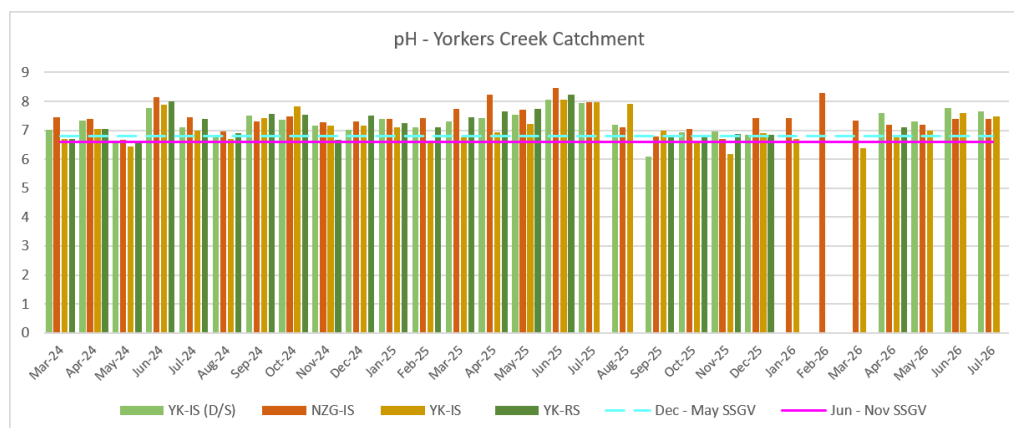


FIGURE 9: PH FOR YORKERS CREEK CATCHMENT

5.2.1.3 Dissolved Oxygen

During July 2026, dissolved oxygen (DO, %) was below the applicable June–November SSGV at all 11 sampled monitoring locations across the three catchments, refer Figure 10 to Figure 12.

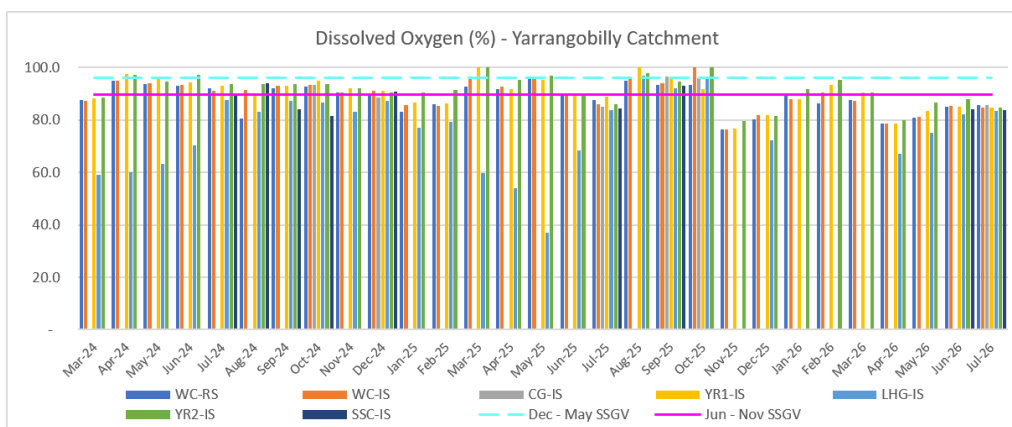


FIGURE 10: DO FOR YARRANGOBILLY RIVER CATCHMENT

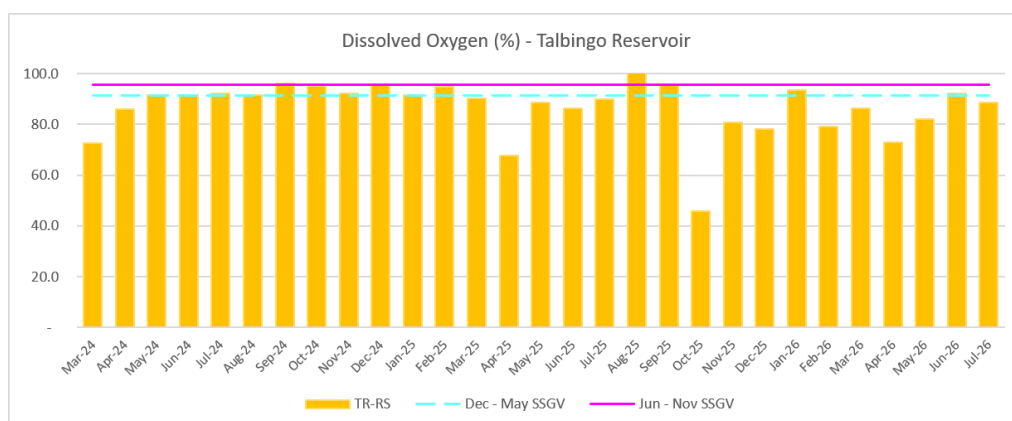


FIGURE 11: DO FOR TALBINGO RESERVOIR

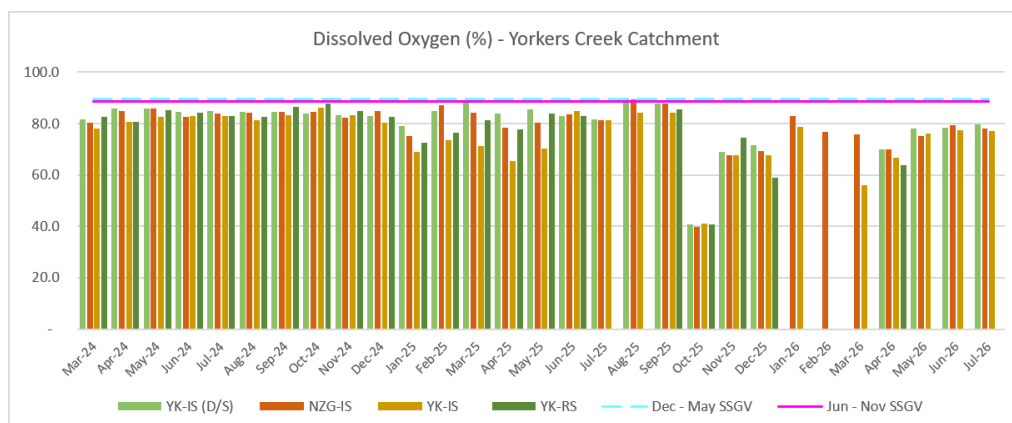


FIGURE 12: DO FOR YORKERS CREEK CATCHMENT

5.2.1.4 Specific Conductance

During July 2026, specific conductance (SPC, $\mu\text{S}/\text{cm}$) exceeded the applicable SSGV at WC-RS, CG-IS, LHG-IS and SSC-IS in the Yarrangobilly River catchment. TR-RS remained below the applicable SSGV. In the Yorkers Creek catchment, YK-IS (D/S) and NZG-IS exceeded the applicable SSGV, while YK-IS remained below it, refer Figure 13 to Figure 15.

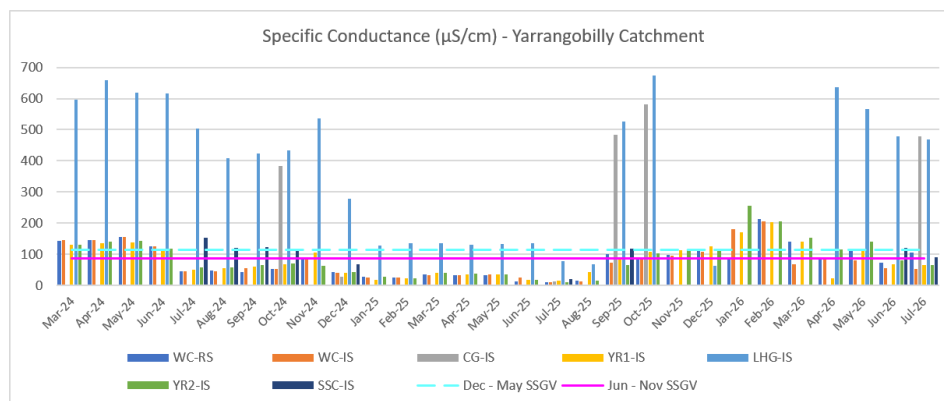


FIGURE 13: SPC FOR YARRANGOBILLY RIVER CATCHMENT

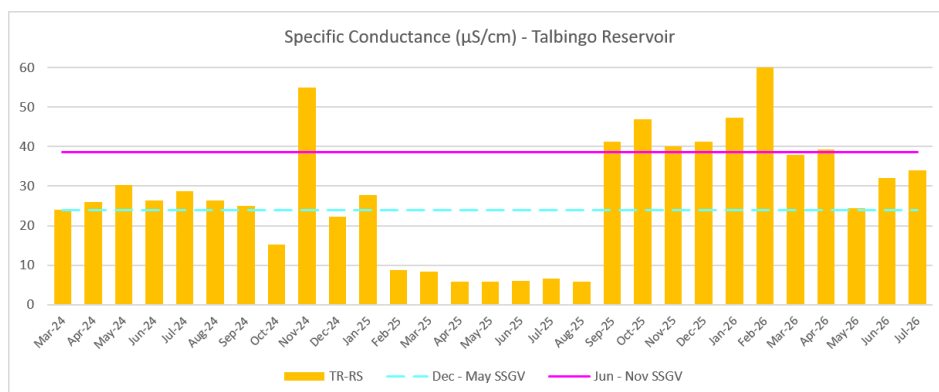


FIGURE 14: SPC FOR TALBINGO RESERVOIR

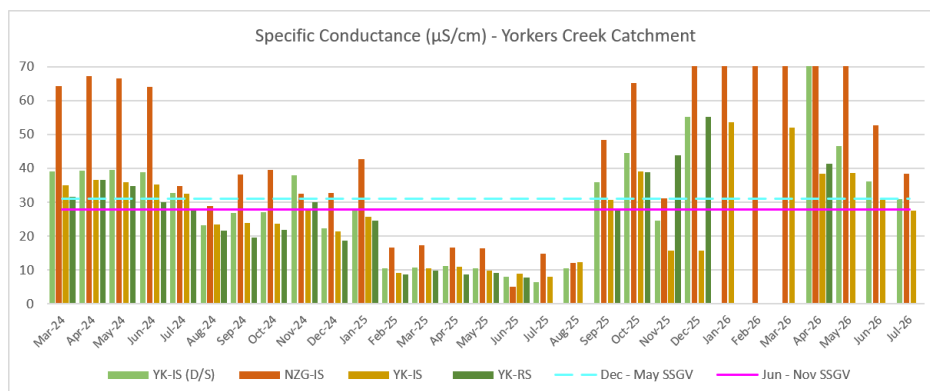


FIGURE 15: SPC FOR YORKERS CREEK CATCHMENT

5.2.1.5 Electrical Conductivity

Electrical conductivity (EC, $\mu\text{S}/\text{cm}$) was recorded during July 2026. The applicable SSGV was exceeded at WC-RS, CG-IS, LHG-IS and SSC-IS in the Yarrangobilly River catchment and at NZG-IS and YK-IS in the Yorkers Creek catchment. TR-RS and the remaining sampled impact sites were at or below the applicable SSGV, refer Figure 16 to Figure 18.

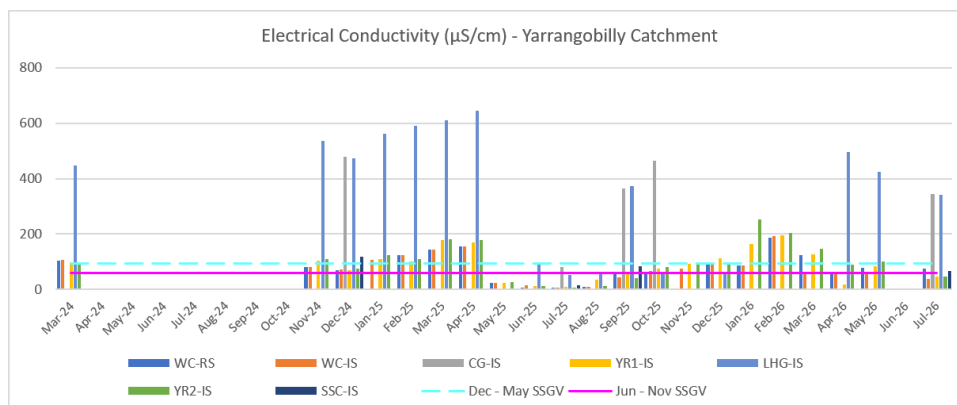


FIGURE 16: EC FOR YARRANGOBILLY RIVER CATCHMENT

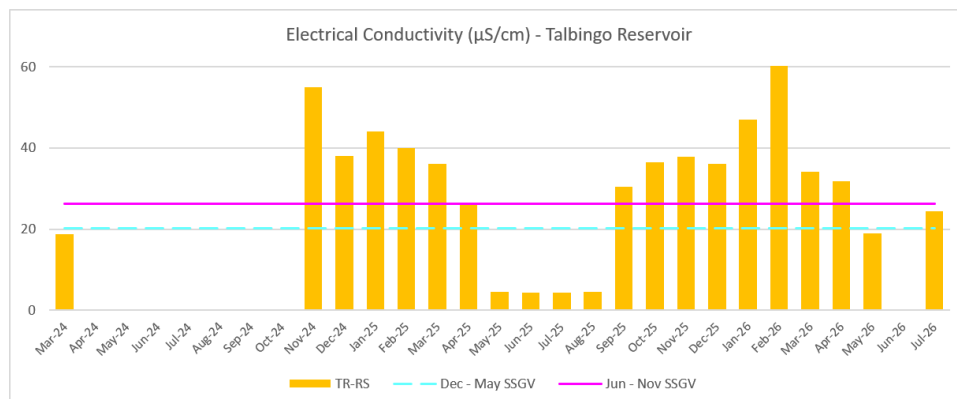


FIGURE 17: EC FOR TALBINGO RESERVOIR

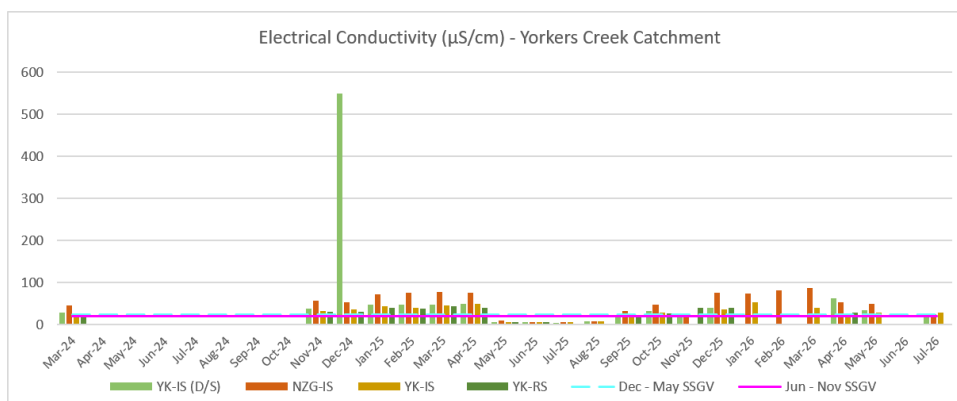


FIGURE 18: EC FOR YORKERS CREEK CATCHMENT

5.2.1.6 Turbidity

During July 2026, turbidity (NTU) exceeded the applicable SSGV at all sampled sites in the Yarrangobilly River catchment and at TR-RS. In the Yorkers Creek catchment, exceedances were recorded at YK-IS (D/S) and YK-IS, while NZG-IS remained below the applicable SSGV, refer Figure 19 to Figure 21.

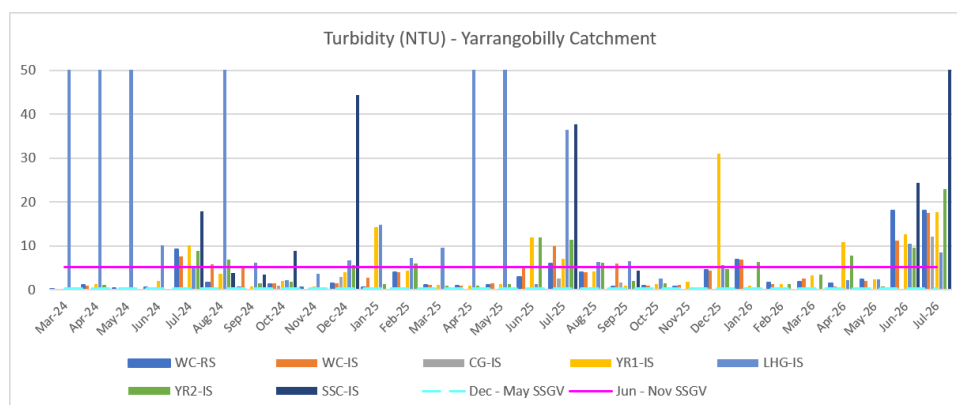


FIGURE 19: TURBIDITY FOR YARRANGOBILLY RIVER CATCHMENT

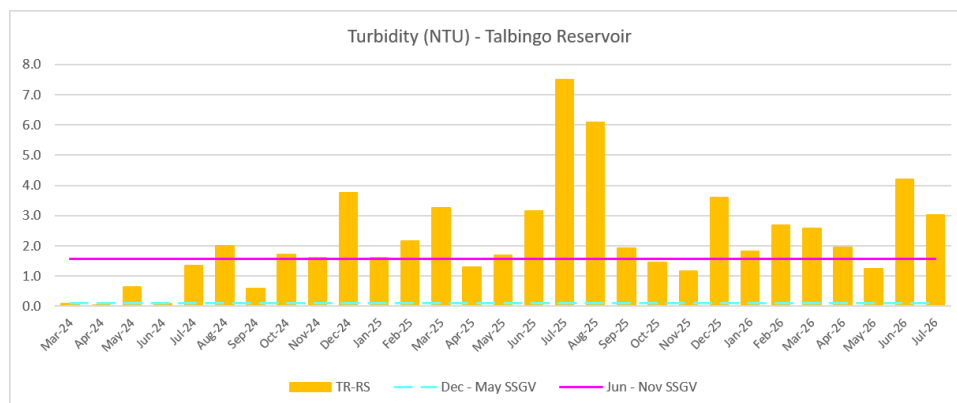


FIGURE 20: TURBIDITY FOR TALBINGO RESERVOIR

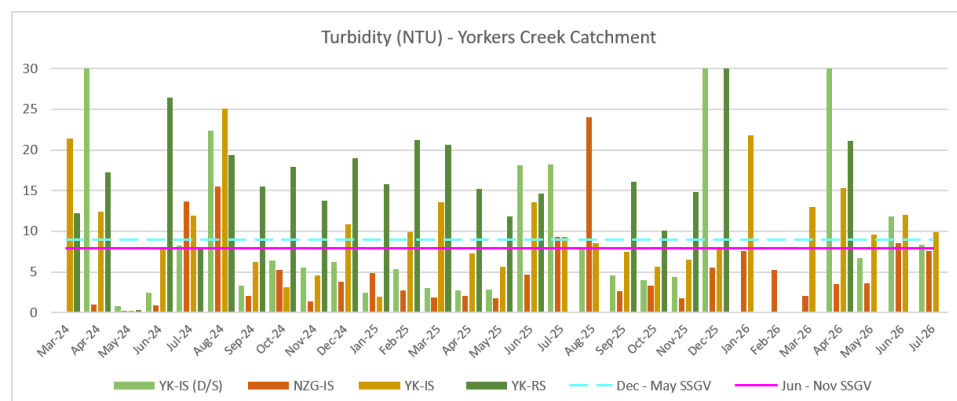


FIGURE 21: TURBIDITY FOR YORKERS CREEK CATCHMENT

5.2.1.7 Total Suspended Solids

Total suspended solids (TSS, mg/L) exceeded the applicable SSGV at all seven sampled sites in the Yarrangobilly River catchment and at YK-IS (D/S). Results at TR-RS, NZG-IS and YK-IS were reported at the laboratory limit of reporting and have not been treated as exceedances, refer Figure 22 to Figure 24.

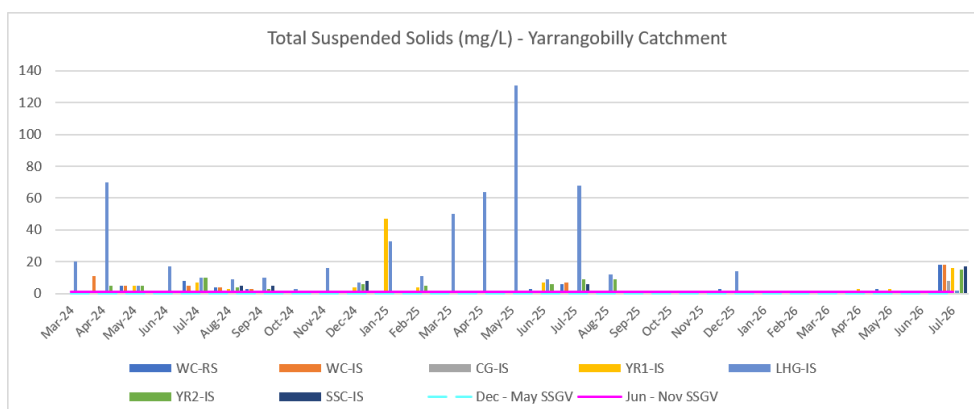


FIGURE 22: TSS FOR YARRANGOBILLY RIVER CATCHMENT

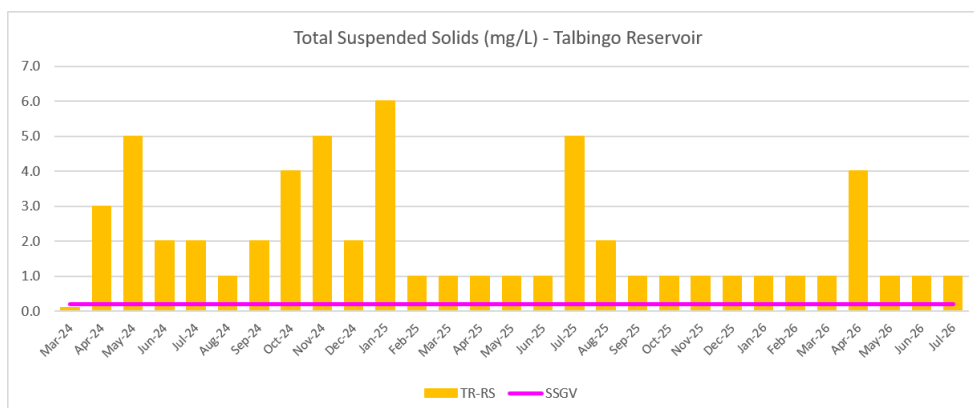


FIGURE 23: TSS FOR TALBINGO RESERVOIR

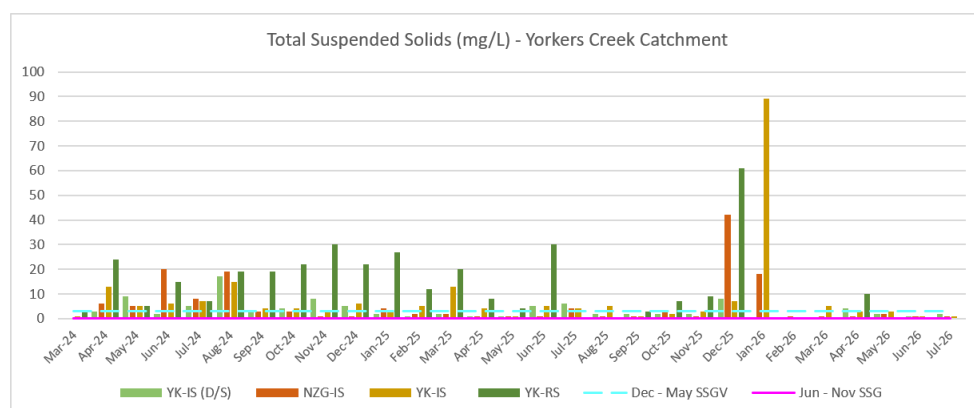


FIGURE 24: TSS FOR YORKERS CREEK CATCHMENT

5.2.1.8 Total Dissolved Solids

During July 2026, total dissolved solids (TDS, mg/L) exceeded the applicable SSGV at all sampled locations except WC-IS. Elevated results were recorded at CG-IS and LHG-IS, refer Figure 25 to Figure 27.

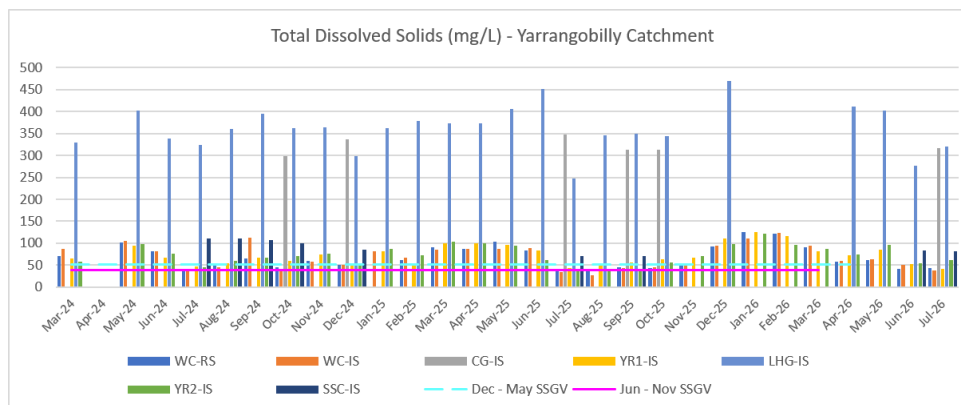


FIGURE 25: TDS FOR YARRANGOBILLY RIVER CATCHMENT

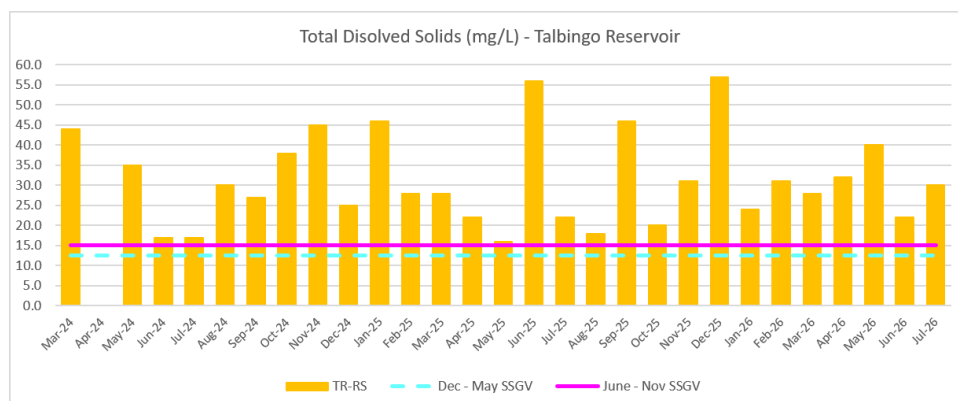


FIGURE 26: TDS FOR TALBINGO RESERVOIR

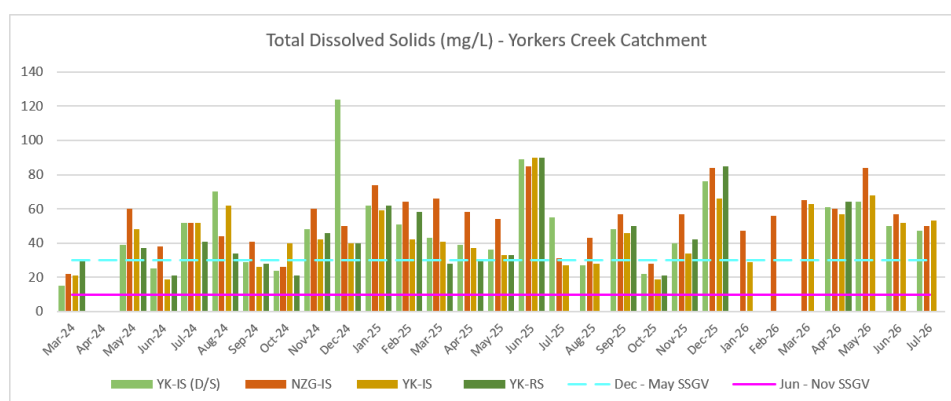


FIGURE 27: TDS FOR YORKERS CREEK CATCHMENT

5.2.1.9 Redox

Redox (mV) was recorded during July 2026 and exceeded the applicable June–November SSGV at all 11 sampled monitoring locations across the three catchments, refer Figure 28 to Figure 30.

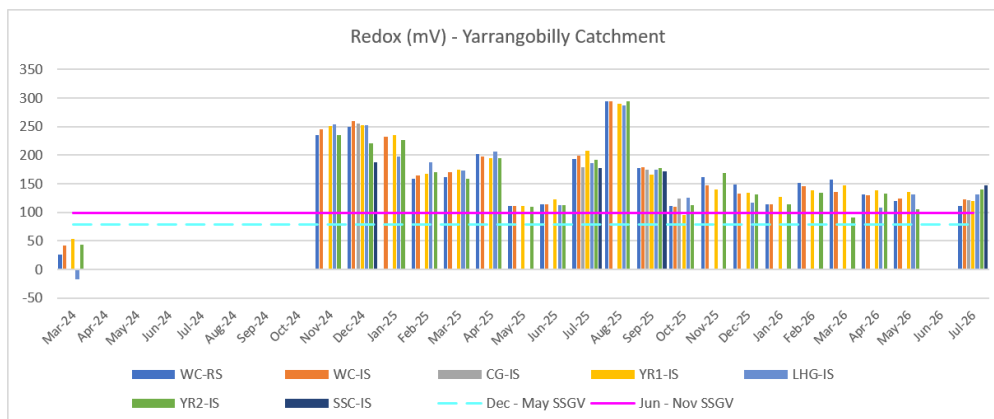


FIGURE 28: REDOX FOR YARRANGOBILLY RIVER CATCHMENT

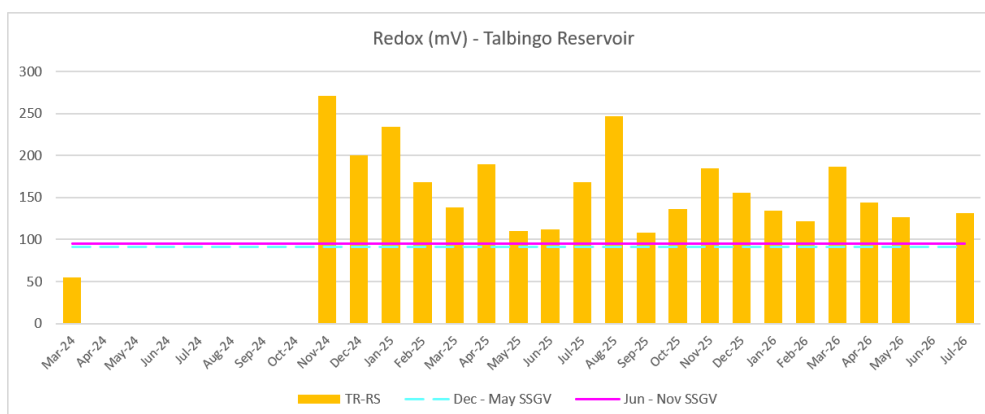


FIGURE 29: REDOX FOR TALBINGO RESERVOIR

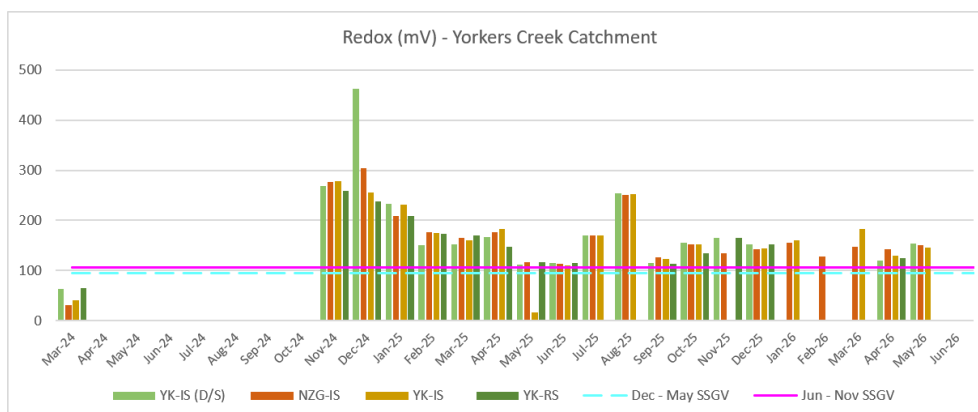


FIGURE 30: REDOX FOR YORKERS CREEK CATCHMENT

5.2.1.10 Nitrogen Oxides

Nitrogen oxides (mg/L) exceeded the applicable SSGV at YR2-IS, TR-RS, YK-IS (D/S) and YK-IS during July 2026. Results at the remaining sampled locations were at or below the applicable SSGV or laboratory limit of reporting, refer Figure 31 to Figure 33.

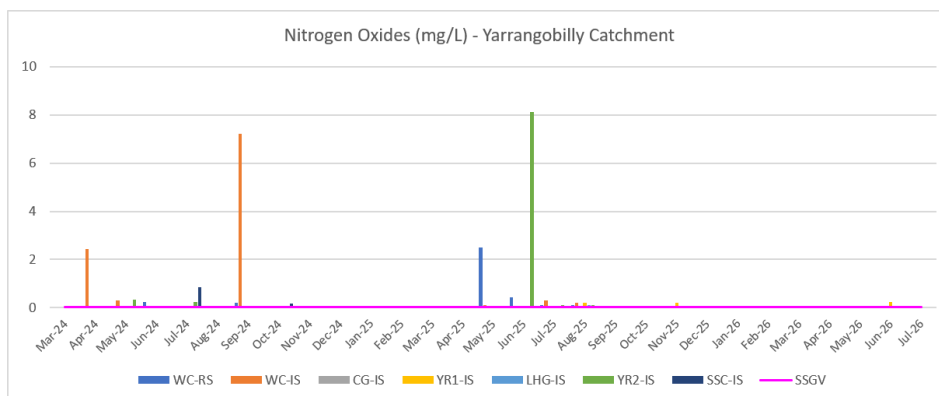


FIGURE 31: NITROGEN OXIDES FOR YARRANGOBILLY RIVER CATCHMENT

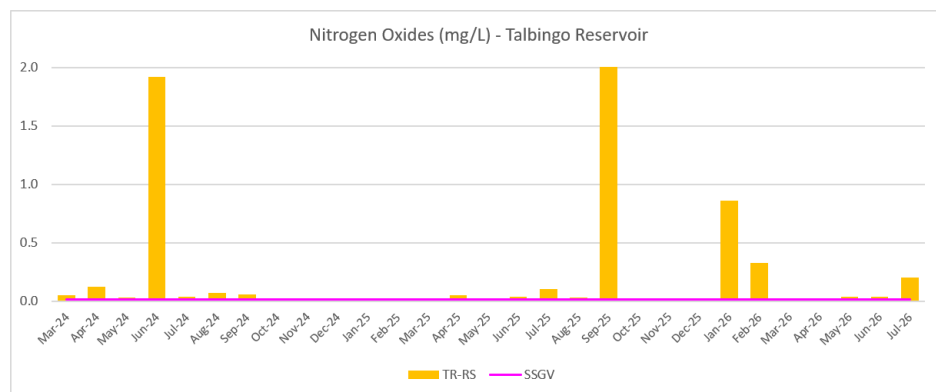


FIGURE 32: NITROGEN OXIDES FOR TALBINGO RESERVOIR

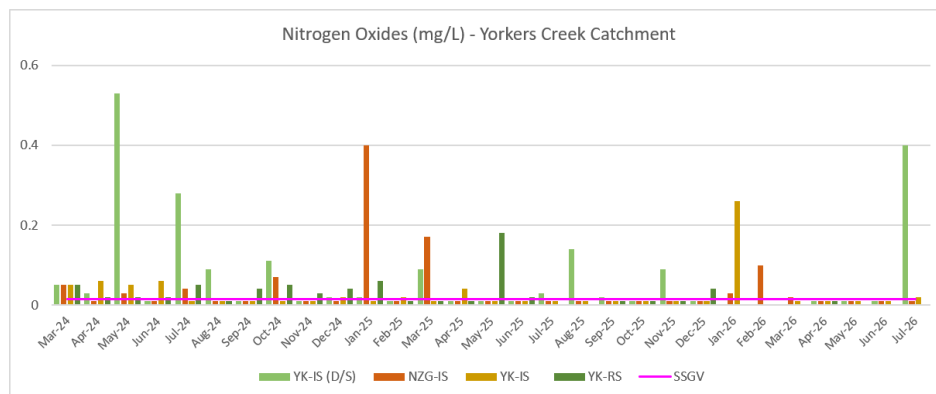


FIGURE 33: NITROGEN OXIDES FOR YORKERS CREEK CATCHMENT

5.2.1.11 Ammonia

Ammonia (mg/L) exceeded the applicable SSGV at all sampled monitoring locations except YK-IS (D/S) during July 2026, refer Figure 34 to Figure 36.

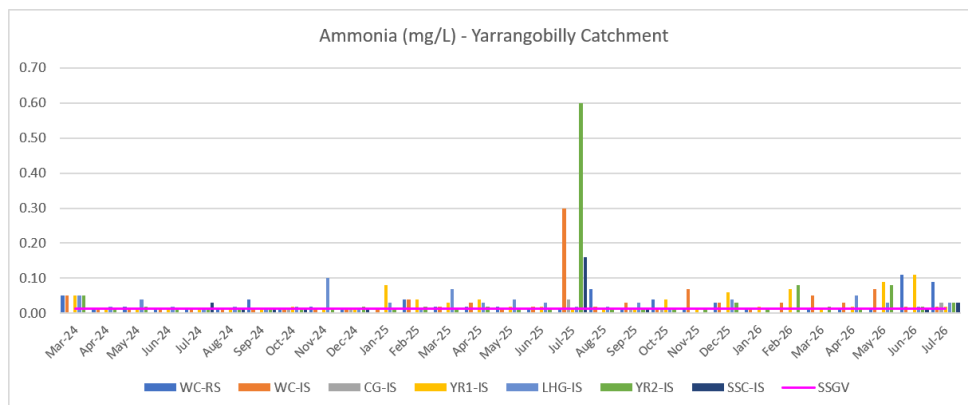


FIGURE 34: AMMONIA FOR YARRANGOBILLY RIVER CATCHMENT

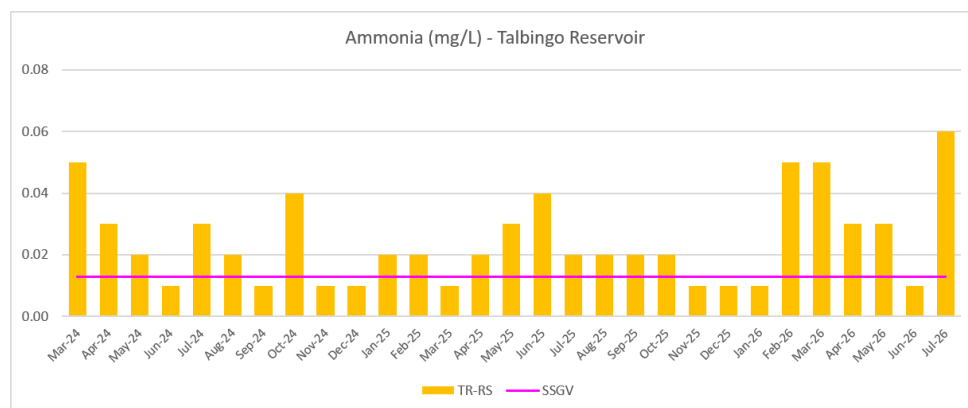


FIGURE 35: AMMONIA FOR TALBINGO RESERVOIR

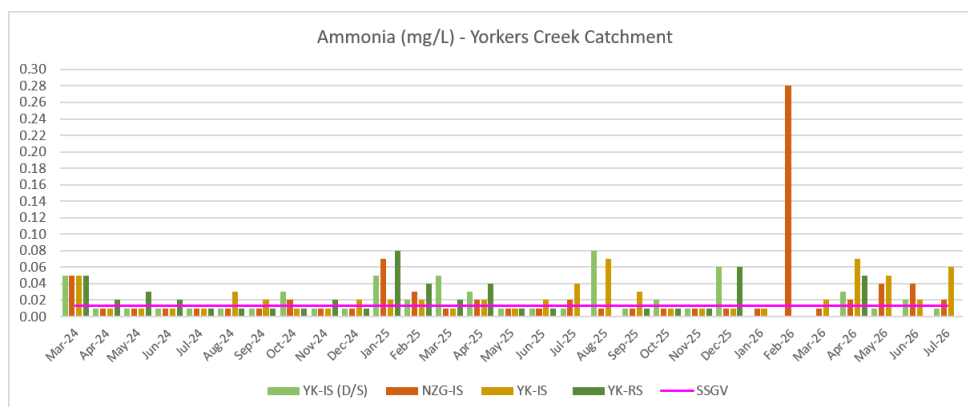


FIGURE 36: AMMONIA FOR YORKERS CREEK CATCHMENT

5.2.1.12 Cyanide

Cyanide (mg/L) concentrations were below the laboratory limit of reporting at all sampled locations across the three catchments, refer Figure 37 to Figure 39.

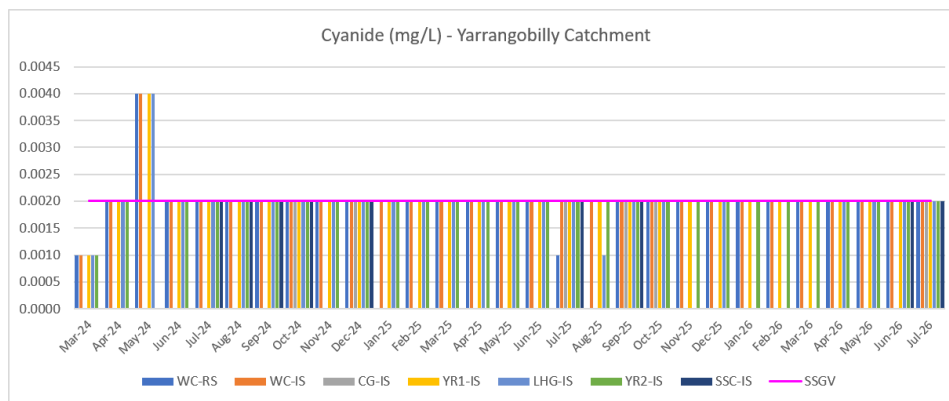


FIGURE 37: CYANIDE FOR YARRANGOBILLY RIVER CATCHMENT

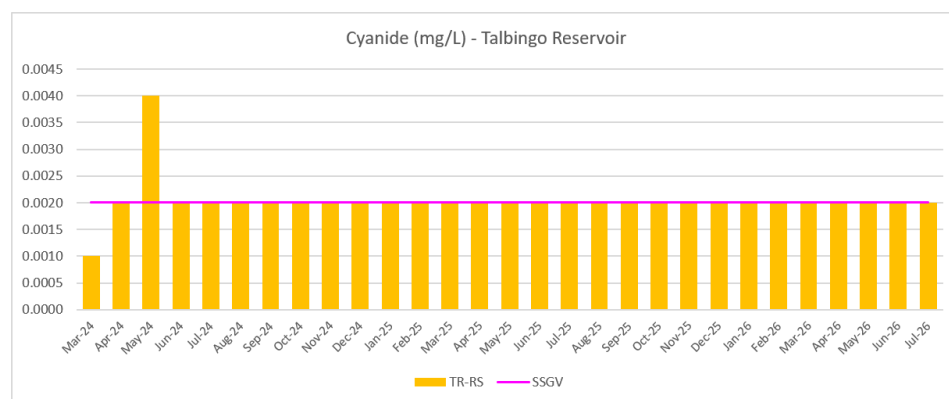


FIGURE 38: CYANIDE FOR TALBINGO RESERVOIR

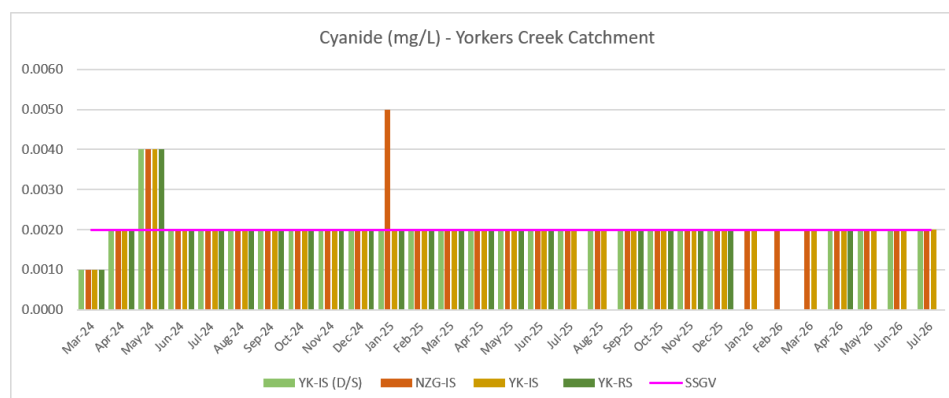


FIGURE 39: CYANIDE FOR YORKERS CREEK CATCHMENT

5.2.1.13 Total Hardness

During July 2026, total hardness (mg/L as CaCO_3) exceeded the applicable SSGV at CG-IS, LHG-IS and SSC-IS in the Yarrangobilly River catchment and at NZG-IS and YK-IS in the Yorkers Creek catchment. TR-RS and the remaining sampled sites were below the applicable SSGV, refer Figure 40 to Figure 42.

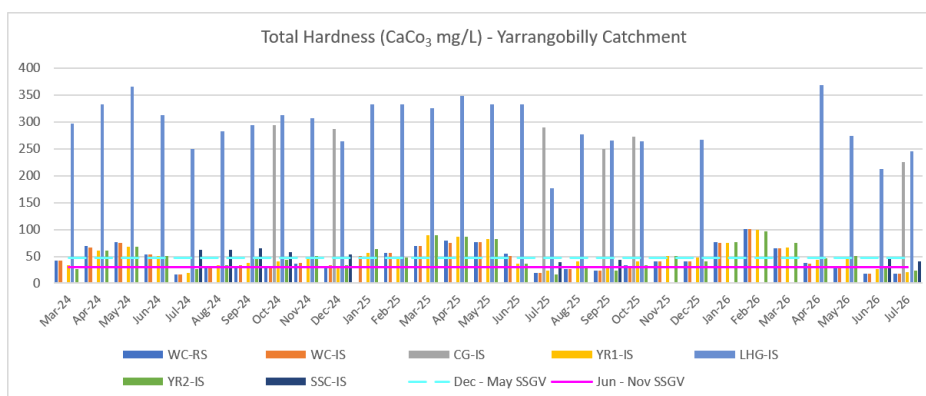


FIGURE 40: CaCO_3 FOR YARRANGOBILLY RIVER CATCHMENT

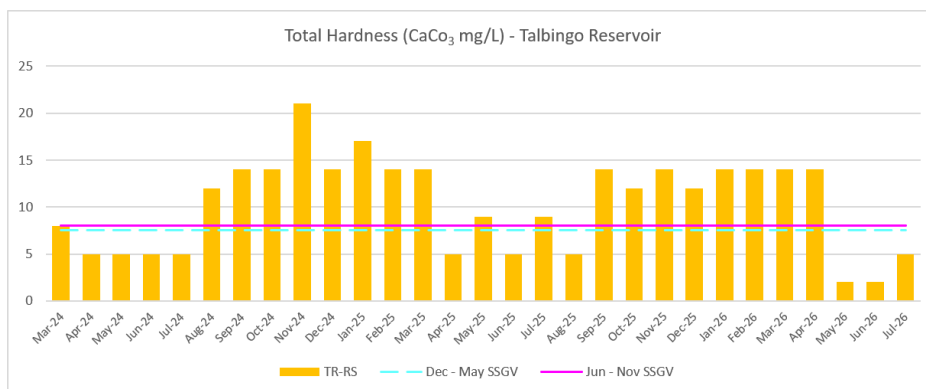


FIGURE 41: CaCO_3 FOR TALBINGO RESERVOIR

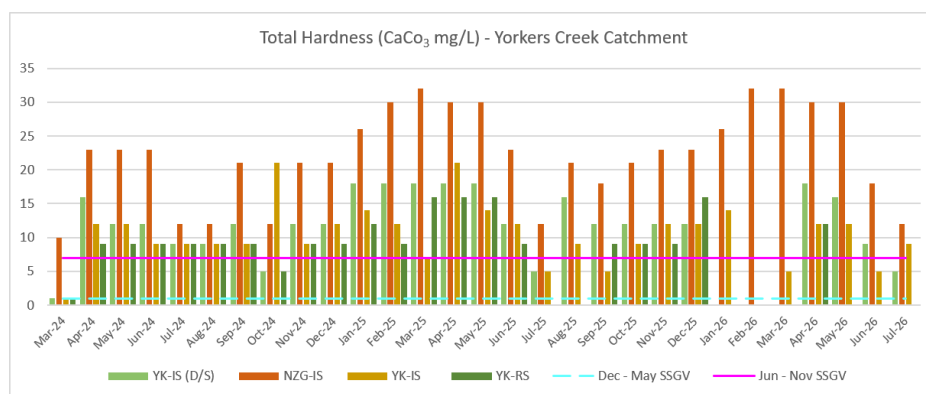


FIGURE 42: CaCO_3 FOR YORKERS CREEK CATCHMENT

5.2.1.14 Total Kjeldahl Nitrogen

Total Kjeldahl nitrogen (TKN, mg/L) exceeded the applicable SSGV at WC-RS, CG-IS, YR2-IS, SSC-IS, YK-IS (D/S) and YK-IS during July 2026. Results at the remaining sampled locations were at or below the applicable SSGV, refer Figure 43 to Figure 45.

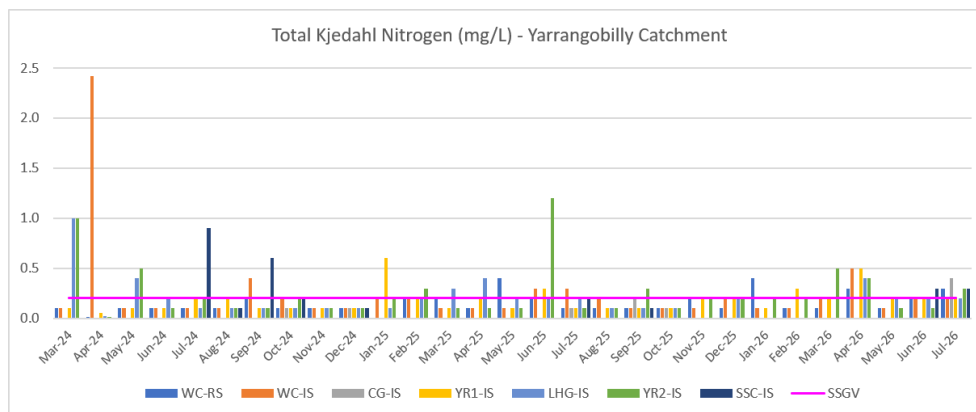


FIGURE 43: TKN FOR YARRANGOBILLY RIVER CATCHMENT

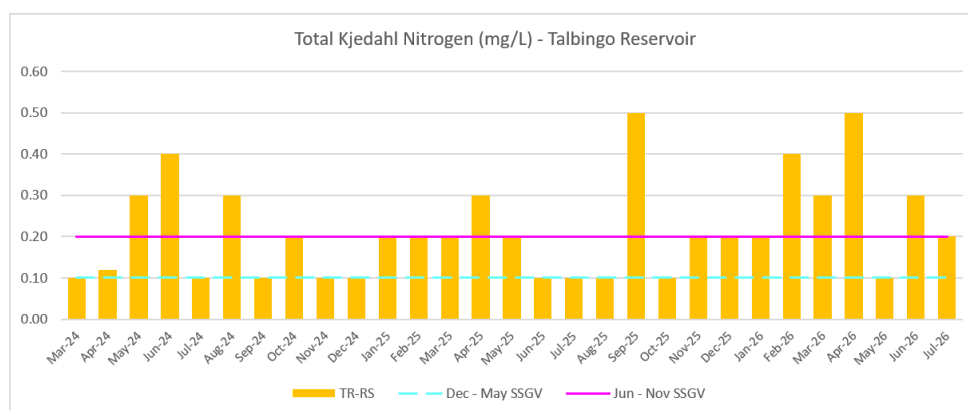


FIGURE 44: TKN FOR TALBINGO RESERVOIR

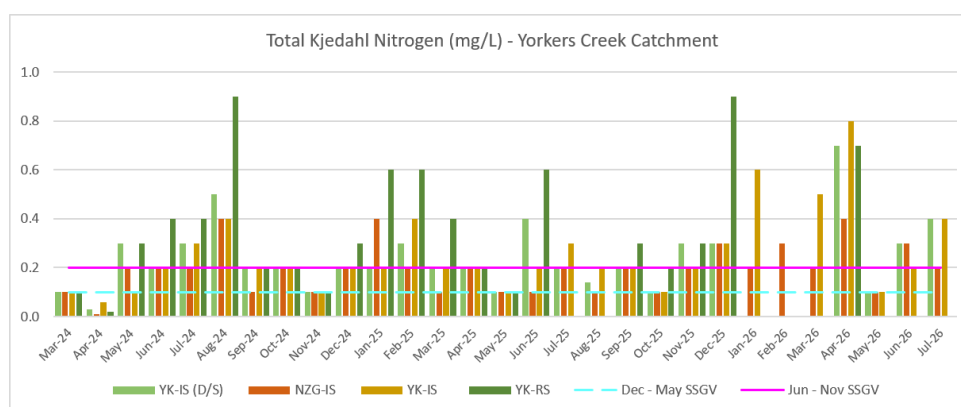


FIGURE 45: TKN FOR YORKERS CREEK CATCHMENT

5.2.1.15 Total Nitrogen

Total nitrogen (TN, mg/L) exceeded the applicable SSGV at WC-RS, YR2-IS, SSC-IS, YK-IS (D/S) and YK-IS during July 2026. Results at the remaining sampled locations were at or below the applicable SSGV, refer Figure 46 to Figure 48.

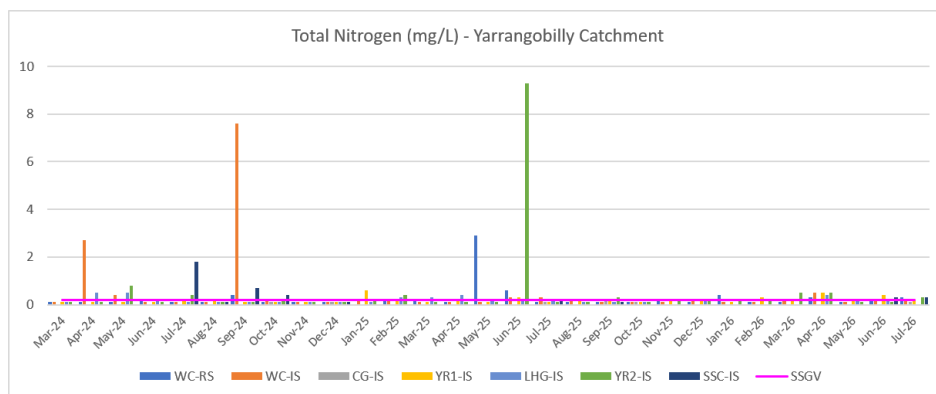


FIGURE 46: TN FOR YARRANGOBILLY RIVER CATCHMENT

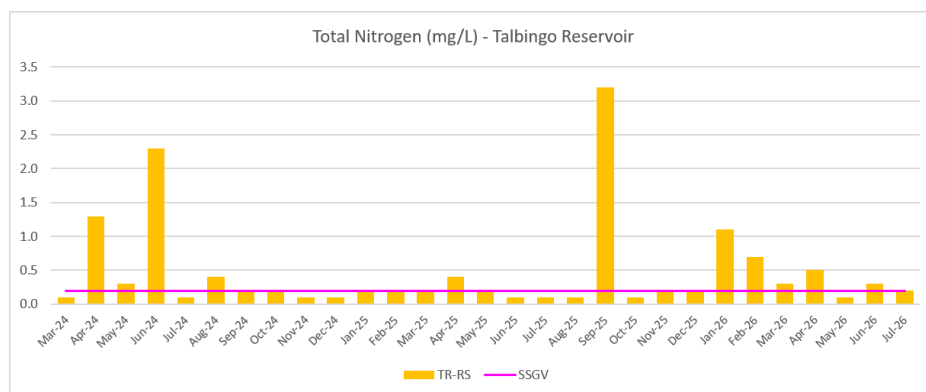


FIGURE 47: TN FOR TALBINGO RESERVOIR

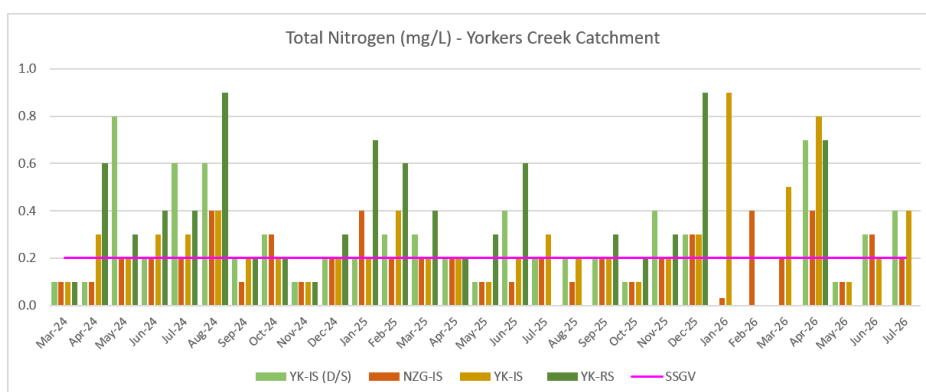


FIGURE 48: TN FOR YORKERS CREEK CATCHMENT

5.2.1.16 Total Phosphorus

Total phosphorus (TP, mg/L) exceeded the applicable SSGV at WC-RS, CG-IS, YR1-IS, YR2-IS and SSC-IS during July 2026. Results at the remaining sampled locations were at or below the applicable SSGV or laboratory limit of reporting, refer Figure 49 to Figure 51.

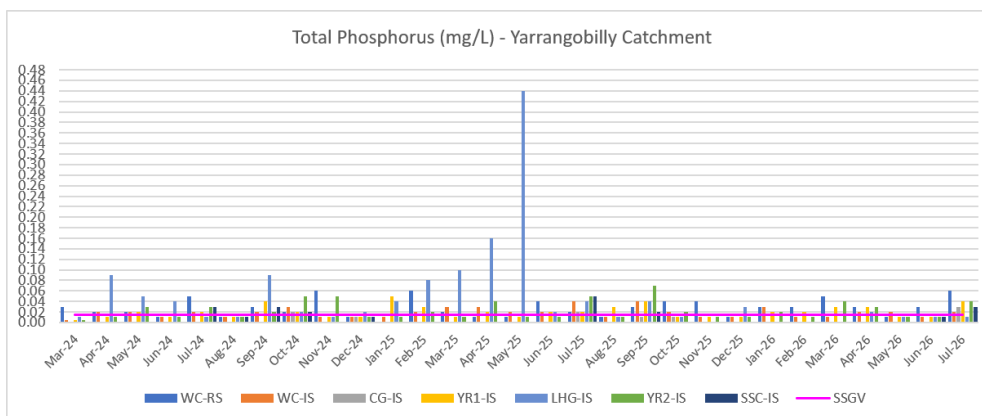


FIGURE 49: TP FOR YARRANGOBILLY RIVER CATCHMENT

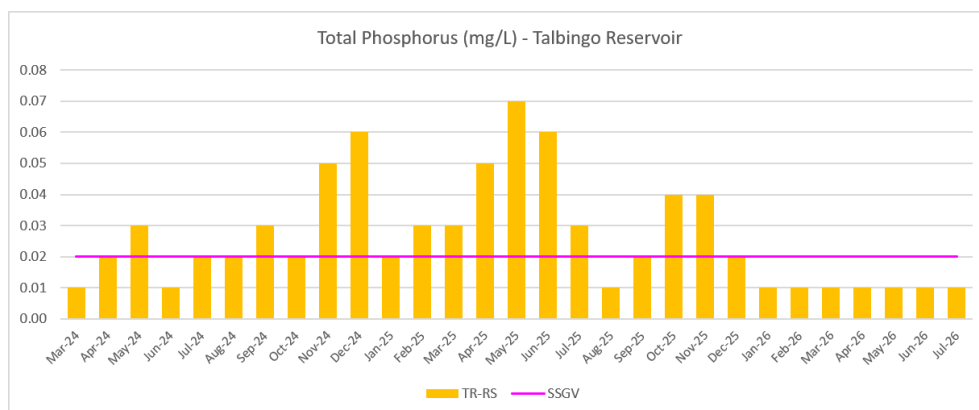


FIGURE 50: TP FOR TALBINGO RESERVOIR

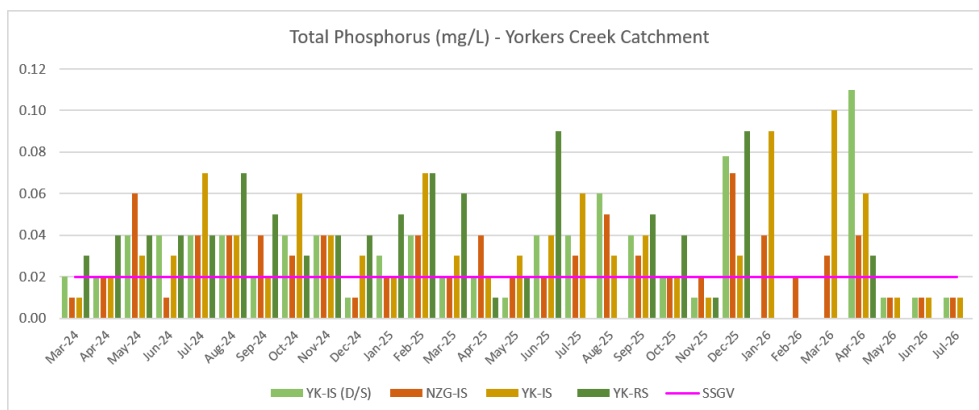


FIGURE 51: TP FOR YORKERS CREEK CATCHMENT

5.2.1.17 Reactive Phosphorus

Reactive phosphorus (RP, mg/L) exceeded the applicable SSGV at CG-IS during July 2026. Results at all other sampled locations were at or below the applicable SSGV or laboratory limit of reporting, refer Figure 52 to Figure 54.

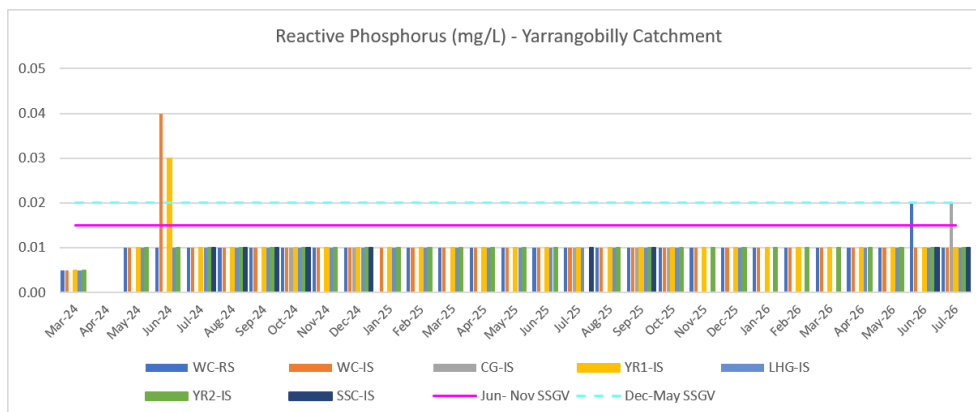


FIGURE 52: RP FOR YARRANGOBILLY RIVER CATCHMENT

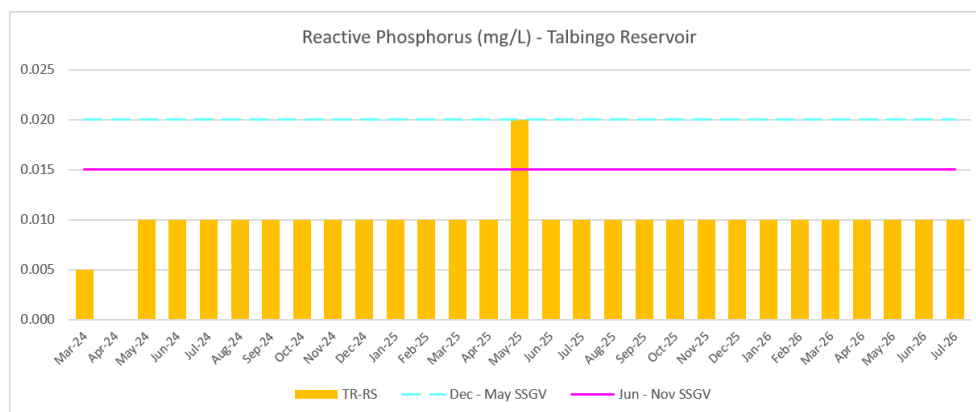


FIGURE 53: RP FOR TALBINGO RESERVOIR

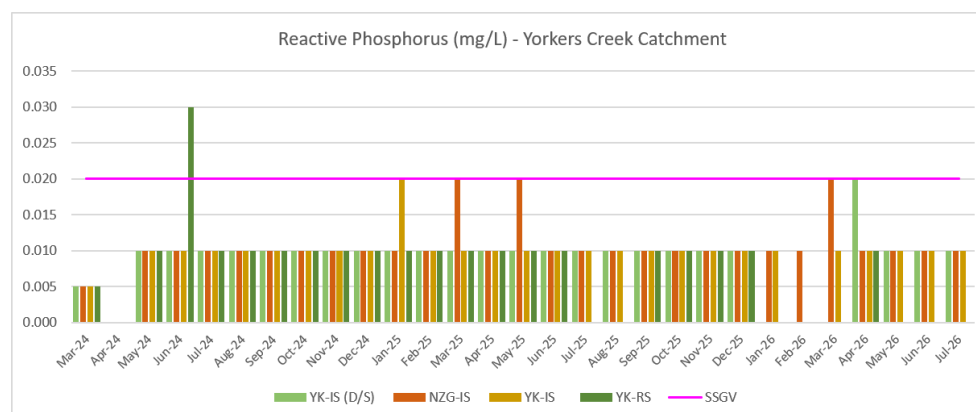


FIGURE 54: RP FOR YORKERS CREEK CATCHMENT

5.2.2 Dissolved Metals

Dissolved metals exceeding the relevant SSGV are listed in Table 4.

Table 4: Results for Dissolved Metals

DISSOLVED METALS RESULTS				
Analyte	Site	Result (mg/L)	SSGV (mg/L)	Comment
Al	WC-RS	0.08	0.04	The June–November SSGV for dissolved Al was exceeded at all seven sampled sites in the Yarrangobilly River catchment and at TR-RS during July 2026.
	WC-IS	0.09	0.04	
	CG-IS	0.05	0.04	
	YR1-IS	0.14	0.04	
	LHG-IS	0.05	0.04	
	YR2-IS	0.18	0.04	
	SSC-IS	0.10	0.04	
	TR-RS	0.03	0.015	
As	YR1-IS	0.001	0.0003	Dissolved As exceeded the applicable June–November SSGV at YR1-IS during July 2026.
Fe	WC-IS	0.08	0.02	Dissolved Fe exceeded the applicable June–November SSGV at WC-IS, YR1-IS and YR2-IS during July 2026.
	YR1-IS	0.09	0.02	
	YR2-IS	0.12	0.02	
Mn	WC-RS	0.004	0.002	Dissolved Mn exceeded the applicable June–November SSGV at WC-RS, LHG-IS, YR2-IS, SSC-IS, TR-RS and YK-IS (D/S) during July 2026.
	LHG-IS	0.004	0.002	
	YR2-IS	0.003	0.002	
	SSC-IS	0.004	0.002	
	TR-RS	0.003	0.002	
	YK-IS (D/S)	0.006	0.003	
Ni	WC-IS	0.005	0.001	Dissolved Ni exceeded the applicable June–November SSGV at WC-IS during July 2026.

5.2.3 Total Metals

Total metals exceeding the DGV are listed in Table 5.

Table 5: Results for Total Metals

TOTAL METALS RESULTS				
Analyte	Site	Result (mg/L)	DGV (mg/L)	Comment
Al	WC-RS	0.80	0.027	Total Al exceeded the DGV at all 11 sampled locations during July 2026. The highest result was recorded at YK-IS (D/S) (0.85 mg/L), followed by WC-RS (0.80 mg/L).
	WC-IS	0.43	0.027	
	CG-IS	0.14	0.027	
	YR1-IS	0.65	0.027	
	LHG-IS	0.13	0.027	
	YR2-IS	0.60	0.027	
	SSC-IS	0.58	0.027	
	TR-RS	0.09	0.027	
	YK-IS (D/S)	0.85	0.027	
	NZG-IS	0.38	0.027	
	YK-IS	0.36	0.027	
Cr	YR1-IS	0.002	0.00001	Total Cr exceeded the DGV at YR1-IS during July 2026.
Cu	SSC-IS	0.002	0.001	Total Cu exceeded the DGV at SSC-IS during July 2026.
Zn	SSC-IS	0.009	0.0024	Total Zn exceeded the DGV at SSC-IS during July 2026.
Fe	WC-RS	0.40	0.3	Total Fe exceeded the DGV at WC-RS, WC-IS, YR1-IS, YR2-IS, SSC-IS and YK-IS (D/S) during July 2026.
	WC-IS	0.39	0.3	
	YR1-IS	0.55	0.3	
	YR2-IS	0.51	0.3	
	SSC-IS	0.34	0.3	
	YK-IS (D/S)	0.46	0.3	
Hg	WC-IS	0.001	0.00006	Total Hg exceeded the DGV at WC-IS during July 2026.

6 DISCUSSION

Below is a summary of key observations and discussion points from the July 2026 monitoring results:

Potential influences on SWQ:

- Monitoring locations remained subject to potential influence from construction activities associated with the Project, including nearby access tracks, haul roads, laydown areas, substation works and associated infrastructure.
- High or fast-flowing, murky conditions were observed at WC-RS, WC-IS, YR1-IS and YR2-IS. These conditions may have mobilised suspended sediment and contributed to elevated turbidity, TSS and total metal concentrations.
- Evidence of a road washout from Mine Trail Road remained present adjacent to YR2-IS. Exposed and eroded banks were also observed at several monitoring locations.
- CG-IS was sampled during July following the absence of flow in June. Elevated SPC, EC, TDS and total hardness at CG-IS and LHG-IS indicate comparatively mineralised water at these locations and warrant continued review against site conditions and future results.
- Low-flow conditions were observed at LHG-IS, SSC-IS, TR-RS and the Yorkers Creek impact sites. Low flow can reduce dilution and increase the apparent concentration of dissolved constituents.
- YK-IS (D/S) was characterised by slow flow, murky water, a yellow tinge, woody debris, submerged vegetation and eroded banks. These conditions may contribute organic matter and fine sediment to the water column.
- NZG-IS contained slow-flowing, slightly tinged water, a silty and eroded bed, encroaching vegetation and evidence of nearby 4WD access.
- TR-RS remains located within the publicly accessible O'Hares Campground and may be influenced by campground and recreational activity independent of Project construction.
- Evidence of fauna activity, vegetative detritus, woody debris and aquatic or submerged vegetation was observed at several monitoring locations and may influence nutrient, dissolved oxygen and metal results.

Sampling and analysis:

- Eleven of the 12 monitoring locations were sampled during the July 2026 monitoring event. YK-RS was dry or had no flow and could not be sampled.
- The absence of flow at YK-RS prevented direct comparison between the Yorkers Creek reference site and the three sampled impact sites during July.
- July falls within the Winter/Spring monitoring period. Results were therefore assessed against the June–November SSGV in the Baseline Report and the relevant ANZG DGV.
- Electrical conductivity and redox measurements were recorded during July, enabling comparison with the applicable SSGV.
- Cyanide was below the laboratory limit of reporting at all sampled locations.
- Where a laboratory limit of reporting was equal to or greater than the applicable guideline value and the analyte was not detected, the result has not been treated as a confirmed exceedance.
- The concurrent occurrence of exceedances at reference and impact sites indicates that seasonal conditions, catchment geology, flow conditions, sediment mobilisation and non-Project influences may contribute to the observed water quality pattern.

SWQ parameters:

- Mean temperature increased in the Yarrangobilly River catchment to approximately 10.3°C, decreased at TR-RS to 10.2°C, and decreased slightly in the Yorkers Creek catchment to approximately 6.7°C.
- pH exceeded the applicable SSGV at all sampled Yarrangobilly River sites except SSC-IS and at all sampled Yorkers Creek impact sites. TR-RS remained below its SSGV.
- Dissolved oxygen was below the applicable SSGV at all 11 sampled locations.
- Specific conductance exceeded at WC-RS, CG-IS, LHG-IS, SSC-IS, YK-IS (D/S) and NZG-IS.
- Electrical conductivity exceeded at WC-RS, CG-IS, LHG-IS, SSC-IS, NZG-IS and YK-IS.
- Turbidity exceeded at all sampled locations except NZG-IS.
- TSS exceeded at all sampled Yarrangobilly River locations and at YK-IS (D/S).
- TDS exceeded at all sampled locations except WC-IS, with notably elevated results at CG-IS and LHG-IS.
- Redox exceeded the applicable SSGV at all sampled locations.
- Nitrogen oxides exceeded at YR2-IS, TR-RS, YK-IS (D/S) and YK-IS.
- Ammonia exceeded at all sampled locations except YK-IS (D/S).
- Total hardness exceeded at CG-IS, LHG-IS, SSC-IS, NZG-IS and YK-IS.
- TKN exceeded at WC-RS, CG-IS, YR2-IS, SSC-IS, YK-IS (D/S) and YK-IS.
- TN exceeded at WC-RS, YR2-IS, SSC-IS, YK-IS (D/S) and YK-IS.
- Total phosphorus exceeded at WC-RS, CG-IS, YR1-IS, YR2-IS and SSC-IS. Reactive phosphorus exceeded at CG-IS only.
- Dissolved aluminium exceeded at all sampled Yarrangobilly River sites and at TR-RS.
- Dissolved arsenic exceeded at YR1-IS; dissolved iron exceeded at WC-IS, YR1-IS and YR2-IS; and dissolved nickel exceeded at WC-IS.
- Dissolved manganese exceeded at WC-RS, LHG-IS, YR2-IS, SSC-IS, TR-RS and YK-IS (D/S).
- Total aluminium exceeded the DGV at all 11 sampled locations, with the highest result at YK-IS (D/S) followed by WC-RS.
- Total chromium exceeded at YR1-IS, total copper and zinc exceeded at SSC-IS, total iron exceeded at six sites, and total mercury exceeded at WC-IS.
- Metal exceedances were recorded at both reference and impact sites. Widespread total aluminium and the co-occurrence of elevated turbidity and TSS indicate that suspended sediment and natural catchment material are likely contributors to a number of total metal results.
- The field observations did not record fish kills, significant algal blooms or other obvious indicators of acute water quality impact during the July monitoring event.

7 CONCLUSION

Monthly construction SWQ monitoring was undertaken on 05 July 2026 in accordance with EPL 21753 and the approved monitoring methodology. Eleven of the 12 monitoring locations were sampled; YK-RS was dry or had no flow.

The July 2026 results identified exceedances of several physical, chemical and metal parameters across the three catchments. Dissolved oxygen and redox exceeded their applicable SSGV at all sampled locations, while total aluminium exceeded the DGV at all sampled locations.

High or fast-flowing, murky conditions at several Yarrangobilly River locations, together with road washout, eroded banks and low-flow conditions elsewhere, provide plausible mechanisms for elevated turbidity, TSS, TDS and total metal concentrations. Exceedances at reference and impact sites indicate that catchment and seasonal influences were also present.

Dissolved metal exceedances were associated with aluminium, arsenic, iron, manganese and nickel. Dissolved aluminium exceeded at all sampled Yarrangobilly River sites and at TR-RS, while dissolved arsenic was elevated at YR1-IS and dissolved nickel at WC-IS.

Total aluminium exceeded the DGV at all sampled locations, with the highest concentration at YK-IS (D/S) (0.85 mg/L), followed by WC-RS (0.80 mg/L). Total chromium, copper, zinc, iron and mercury exceedances were also recorded at selected locations.

Overall, the July 2026 results reflect the combined influence of seasonal conditions, variable flow, sediment mobilisation, catchment geology and nearby land uses. Continued monthly monitoring is recommended, with particular attention to CG-IS and LHG-IS salinity-related parameters, the recurring turbidity and metal results at Yarrangobilly River sites, and comparison of Yorkers Creek impact sites with YK-RS when flow returns. Based on the available data, there is no clear evidence that construction activities are the primary driver of the water quality trends observed during the July 2026 monitoring period.

Appendix A: Field Sheet (UGL, 2025)

WATER QUALITY MONITORING FIELD SHEET											
Date: 5.7.26		Personnel: LL + MN					Sampling Purpose: MWQM July				
Site	Time	Temp (°C)	Water Pressure (mmHg)	DO (%)	SPC (µS/cm)	pH	Turbidity (NTU)	TSS (mg/L)	EC (µS/cm)	Redox (mV)	Observations
DGV:	-	-	-	90 - 110	30 - 350	6.5 - 8	2 - 25	0.2	30-350	-	Weather Pre 24 hrs: fine, rain during week
Dec - May SSGV:	-	-	-	96.2	115	7.85	0.37	0.2	93.2	79.1	Weather Forecast: 10% chance >1mm
Jun - Nov SSGV:	-	-	-	89.7	88	7.62	5.12	1	60.85	98.4	Weather Time of Sampling: overcast, fine
① WC-RS Wallace Creek	09:08	10.2°C	78.8	85	105.9	8.05	8.05	/	76	111.8	fast flowing, strong current - high levels murky, cannot see bed blackberry in area
② WC-IS Wallace Creek	09:24	9.5°C	79.3	84.8	52.6	7.78	17.55	/	37	122.2	fast flowing, strong current water reaching bank aquatic veg haul bridge above, moxies, Lvs, Hw murky tinge
③ CG-IS Cave Gully	09:46	10.3°C	71.9	85.6	477.9	8.34	12.02	/	344.2	121.2	moderate flow evidence of fauna on bank area grassy + aquatic vegetation

WATER QUALITY MONITORING FIELD SHEET

Date: 5.7.26 Personnel: LL + MN Sampling Purpose: Monthly WQm July

Site	Time	Temp (°C)	Water Pressure (mmHg)	DO (%)	SPC (µS/cm)	pH	Turbidity (NTU)	TSS (mg/L)	EC (µS/cm)	Redox (mV)	Observations
DOV:	-	-	-	90 - 110	30 - 350	6.5 - 8	2 - 25	0.2	30-350	-	Weather Pre 24 hrs: fine, rain during week
Dec - May SSGV:	-	-	-	96.2	115	7.85	0.37	0.2	93.2	79.1	Weather Forecast: 10% chance >1mm
Jun - Nov SSGV:	-	-	-	89.7	88	7.62	5.12	1	60.85	98.4	Weather Time of Sampling: overcast, fine
⑤ YR1-IS Yarrangobilly River	10:26	9.9	719.8	85.8	65.2	8.07	17.68	-	46.4	120.3	strong flow, strong current high levels murky blackberries + vegetation on bank
④ LHG-IS Lick Hole Gully	10:02	10.8	719	83.3	468.6	8.15	8.52	-	341.3	130.9	slight flow aquatic veg in bed + bank weeds present in bed + bank evidence of fauna small channel
⑥ YR2-IS Yarrangobilly River	10:51	9.7	721.6	84.8	66	7.73	22.94	-	46.8	139.7	high flow, high levels strong current under haul bridge reeds, aquatic veg + weeds on bank murky tinge.

MM

WATER QUALITY MONITORING FIELD SHEET											
Date: 5.7.26		Personnel: LL + MN				Sampling Purpose: monthly warn July					
Site	Time	Temp (°C)	Water Pressure (mmHg)	DO (%)	SPC (µS/cm)	pH	Turbidity (NTU)	TSS (mg/L)	EC (µS/cm)	Redox (mV)	Observations
SGV:	-	-	-	90 - 110	30 - 350	6.5 - 8	2 - 25	0.2	30-350	-	Weather Pre 24 hrs: fine, rain during week
Dec - May SSGV:	-	-	-	96.2	115	7.85	0.37	0.2	93.2	79.1	Weather Forecast: 10% chance >1mm
Jun - Nov SSGV:	-	-	-	89.7	88	7.62	5.12	1	60.85	98.4	Weather Time of Sampling: overcast, fine
SSC-IS Sheep Station Creek	11:09	11.2	721.6	83.8	90.9	7.52	52.63	/	67	146.6	Dark yellow tinge debris in stream flowing eroded, soil exposed banks reeds + aquatic veg on bank
TR-RS Talbingo Reservoir	11:51	10.2	726.9	88.5	34.1	7.41	3.02	/	24.4	131.9	calm, slow flow rocky bank, cobbles in bed many campers in area birdlife on water. clear sample
YK-RS Yorkers Creek											PAY

WATER QUALITY MONITORING FIELD SHEET											
Date: 5.7.26		Personnel: LL+MN				Sampling Purpose: Monthly WQM July					
Site	Time	Temp (°C)	Water Pressure (mmHg)	DO (%)	SPC (µS/cm)	pH	Turbidity (NTU)	TSS (mg/L)	EC (µS/cm)	Redox (mV)	Observations
DGV:	-	-	-	90 - 110	30 - 350	6.5 - 8	2 - 25	0.2	30-350	-	Weather Pre 24 hrs: Fine, rain during week.
Dec - May SSGV:	-	-	-	96.2	115	7.85	0.37	0.2	93.2	79.1	Weather Forecast: 10% chance >1mm
Jun - Nov SSGV:	-	-	-	89.7	88	7.62	5.12	1	60.85	98.4	Weather Time of Sampling: overcast, fine.
YK-IS (D/S) Yorkers Creek	14:04	7.3	679.1	79.8	31	7.66	8.35	/	20.5	146.3	calm flow, moderate level evidence of fauna on banks reeds, grasses + veg on bank + in mucky tinge to water stream eroding banks.
NZG-IS New Zealand Gully	14:39	6.5	681.2	78.1	38.5	7.38	7.54	/	24.9	154.3	heavily eroded + exposed banks evidence of fauna slow flow slight tinge cobble in bed debris in stream weeds present
YK-IS Yorkers Creek	14:20	6.4	677.3	77.1	27.4	7.47	9.89	/	27.4	149.7	moderate flow adjacent to public road + HCL JV works evidence of fauna on bank reeds + aquatic veg on bank eroding + exposed bank. slight tinge.

Appendix B: COA (ALS, 2025a), QA/QC Assessment (ALS, 2025b) and QCR (ALS, 2025c)



CERTIFICATE OF ANALYSIS

Work Order	: ES2621518	Page	: 1 of 8
Client	: UGL LIMITED	Laboratory	: Environmental Division Sydney
Contact	: LAUREN LOGUE	Contact	: Customer Services ES
Address	: Cnr Hill Rd & Pondage Link Rd HOMEBUSH BAY 2127	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ---	Telephone	: +61-2-8784 8555
Project	: UGL Maragle	Date Samples Received	: 07-Jul-2026 14:10
Order number	: 4501837828	Date Analysis Commenced	: 07-Jul-2026
C-O-C number	: 99102	Issue Date	: 14-Jul-2026 16:59
Sampler	: LAUREN LOGUE		
Site	: UGL Maragle		
Quote number	: ES24UGLLIM0001_V5		
No. of samples received	: 12		
No. of samples analysed	: 12		



Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Ankit Joshi	Senior Chemist - Inorganics	Sydney Inorganics, Smithfield, NSW

Page	: 2 of 8
Work Order	: ES2621518
Client	: UGL LIMITED
Project	: UGL Maragle



General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contract for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

LOR = Limit of reporting

^ = This result is computed from individual analyte detections at or above the level of reporting

@ = ALS is not NATA accredited for these tests.

~ = Indicates an estimated value.

- EG020: It is recognised that total concentration is less than dissolved for some metal analytes. However, the difference is within experimental variation of the methods.
- TDS by method EA-015 may bias high due to the presence of fine particulate matter for various samples, which may pass through the prescribed GF/C paper.
- Sodium Adsorption Ratio (where reported): Where results for Na, Ca or Mg are <LOR, a concentration at half the reported LOR is incorporated into the SAR calculation. This represents a conservative approach for Na relative to the assumption that <LOR = zero concentration and a conservative approach for Ca & Mg relative to the assumption that <LOR is equivalent to the LOR concentration.

Analytical Results

Sub-Matrix: SURFACE WATER (Matrix: WATER)			Sample ID	LHG-IS	YK-IS	NZG-IS	YK-IS-1	WC-RS
Sampling date / time				05-Jul-2026 14:55	05-Jul-2026 14:57	05-Jul-2026 14:58	05-Jul-2026 15:01	05-Jul-2026 15:03
Compound	CAS Number	LOR	Unit	ES2621518-001	ES2621518-002	ES2621518-003	ES2621518-004	ES2621518-005
Result				Result	Result	Result	Result	Result
EA015: Total Dissolved Solids dried at 180 ± 5 °C								
Total Dissolved Solids @180°C	---	10	mg/L	320	53	50	47	44
EA025: Total Suspended Solids dried at 104 ± 2°C								
Suspended Solids (SS)	---	1	mg/L	2	<1	1	2	18
ED093F: SAR and Hardness Calculations								
Total Hardness as CaCO3	---	1	mg/L	245	9	12	5	18
EG020F: Dissolved Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	0.05	0.19	0.17	0.23	0.08
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005
Manganese	7439-96-5	0.001	mg/L	0.004	0.003	0.003	0.006	0.004
Silver	7440-22-4	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Iron	7439-89-6	0.05	mg/L	<0.05	0.14	0.13	0.15	0.05
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	0.13	0.36	0.38	0.85	0.80
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	<0.001	0.001	<0.001
Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005
Manganese	7439-96-5	0.001	mg/L	0.008	0.006	0.007	0.009	0.022

Page : 4 of 8
 Work Order : ES2621518
 Client : UGL LIMITED
 Project : UGL Maragle

Analytical Results

Sub-Matrix: SURFACE WATER (Matrix: WATER)				Sample ID	LHG-IS	YK-IS	NZG-IS	YK-IS-1	WC-RS
Sampling date / time				05-Jul-2026 14:55	05-Jul-2026 14:57	05-Jul-2026 14:58	05-Jul-2026 15:01	05-Jul-2026 15:03	
Compound	CAS Number	LOR	Unit	ES2621518-001	ES2621518-002	ES2621518-003	ES2621518-004	ES2621518-005	
				Result	Result	Result	Result	Result	
EG020T: Total Metals by ICP-MS - Continued									
Silver	7440-22-4	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	
Iron	7439-89-6	0.05	mg/L	0.14	0.24	0.28	0.46	0.40	
EG035F: Dissolved Mercury by FIMS									
Mercury	7439-97-6	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
EK026SF: Total CN by Segmented Flow Analyser									
Total Cyanide	57-12-5	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	
EK055G: Ammonia as N by Discrete Analyser									
Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.06	0.02	0.01	0.09	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N	14797-65-0	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N	14797-55-8	0.01	mg/L	<0.01	0.02	<0.01	<0.01	<0.01	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	0.02	<0.01	<0.01	<0.01	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	0.2	0.4	0.2	0.4	0.3	
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser									
Total Nitrogen as N	----	0.1	mg/L	0.2	0.4	0.2	0.4	0.3	
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	0.06	
EK071G: Reactive Phosphorus as P by discrete analyser									
Reactive Phosphorus as P	14265-44-2	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	0.01	



Analytical Results

Sub-Matrix: SURFACE WATER
 (Matrix: WATER)

Sample ID				YR2-IS	CG-IS	WC-IS	TR-RS (DUP)	YR1-IS
Sampling date / time				05-Jul-2026 15:05	05-Jul-2026 15:07	05-Jul-2026 15:09	05-Jul-2026 15:10	05-Jul-2026 15:12
Compound	CAS Number	LOR	Unit	ES2621518-006	ES2621518-007	ES2621518-008	ES2621518-009	ES2621518-010
				Result	Result	Result	Result	Result
EA015: Total Dissolved Solids dried at 180 ± 5 °C								
Total Dissolved Solids @180°C	----	10	mg/L	62	316	38	28	42
EA025: Total Suspended Solids dried at 104 ± 2°C								
Suspended Solids (SS)	----	1	mg/L	15	8	18	2	16
ED093F: SAR and Hardness Calculations								
Total Hardness as CaCO3	----	1	mg/L	23	255	18	5	21
EG020F: Dissolved Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	0.18	0.05	0.09	0.03	0.14
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	0.001	mg/L	<0.001	<0.001	0.005	<0.001	<0.001
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005
Manganese	7439-96-5	0.001	mg/L	0.003	<0.001	0.002	0.003	0.002
Silver	7440-22-4	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Iron	7439-89-6	0.05	mg/L	0.12	<0.05	0.08	<0.05	0.09
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	0.60	0.14	0.43	0.10	0.65
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	7440-47-3	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	0.002
Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	7440-02-0	0.001	mg/L	0.002	<0.001	<0.001	<0.001	<0.001
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	0.005	<0.005	<0.005
Manganese	7439-96-5	0.001	mg/L	0.016	0.007	0.023	0.009	0.023

Analytical Results

Sub-Matrix: SURFACE WATER (Matrix: WATER)				Sample ID	YR2-IS	CG-IS	WC-IS	TR-RS (DUP)	YR1-IS
Sampling date / time					05-Jul-2026 15:05	05-Jul-2026 15:07	05-Jul-2026 15:09	05-Jul-2026 15:10	05-Jul-2026 15:12
Compound	CAS Number	LOR	Unit		ES2621518-006	ES2621518-007	ES2621518-008	ES2621518-009	ES2621518-010
					Result	Result	Result	Result	Result
EG020T: Total Metals by ICP-MS - Continued									
Silver	7440-22-4	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	<0.001
Iron	7439-89-6	0.05	mg/L		0.51	0.09	0.39	0.10	0.55
EG035F: Dissolved Mercury by FIMS									
Mercury	7439-97-6	0.0001	mg/L		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.0001	mg/L		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK026SF: Total CN by Segmented Flow Analyser									
Total Cyanide	57-12-5	0.002	mg/L		<0.002	<0.002	<0.002	<0.002	<0.002
EK055G: Ammonia as N by Discrete Analyser									
Ammonia as N	7664-41-7	0.01	mg/L		0.03	0.03	0.02	0.03	0.02
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N	14797-65-0	0.01	mg/L		<0.01	<0.01	<0.01	<0.01	<0.01
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N	14797-55-8	0.01	mg/L		0.03	0.01	<0.01	0.03	0.01
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		0.03	0.01	<0.01	0.03	0.01
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L		0.3	0.4	0.2	0.2	0.2
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser									
Total Nitrogen as N	----	0.1	mg/L		0.3	0.4	0.2	0.2	0.2
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		0.04	0.03	0.02	0.02	0.04
EK071G: Reactive Phosphorus as P by discrete analyser									
Reactive Phosphorus as P	14265-44-2	0.01	mg/L		<0.01	0.02	0.01	<0.01	<0.01

Analytical Results

Sub-Matrix: SURFACE WATER (Matrix: WATER)				Sample ID	TR-RS	SSC-IS			
Sampling date / time					05-Jul-2026 15:14	05-Jul-2026 15:16			
Compound	CAS Number	LOR	Unit		ES2621518-011	ES2621518-012			
Result					Result	Result			
EA015: Total Dissolved Solids dried at 180 ± 5 °C									
Total Dissolved Solids @180°C	----	10	mg/L		30	82	----	----	----
EA025: Total Suspended Solids dried at 104 ± 2 °C									
Suspended Solids (SS)	----	1	mg/L		<1	17	----	----	----
ED093F: SAR and Hardness Calculations									
Total Hardness as CaCO3	----	1	mg/L		5	41	----	----	----
EG020F: Dissolved Metals by ICP-MS									
Aluminium	7429-90-5	0.01	mg/L		0.03	0.10	----	----	----
Arsenic	7440-38-2	0.001	mg/L		<0.001	<0.001	----	----	----
Cadmium	7440-43-9	0.0001	mg/L		<0.0001	<0.0001	----	----	----
Chromium	7440-47-3	0.001	mg/L		<0.001	<0.001	----	----	----
Copper	7440-50-8	0.001	mg/L		<0.001	<0.001	----	----	----
Nickel	7440-02-0	0.001	mg/L		<0.001	<0.001	----	----	----
Lead	7439-92-1	0.001	mg/L		<0.001	<0.001	----	----	----
Zinc	7440-66-6	0.005	mg/L		<0.005	<0.005	----	----	----
Manganese	7439-96-5	0.001	mg/L		0.003	0.004	----	----	----
Silver	7440-22-4	0.001	mg/L		<0.001	<0.001	----	----	----
Iron	7439-89-6	0.05	mg/L		<0.05	0.05	----	----	----
EG020T: Total Metals by ICP-MS									
Aluminium	7429-90-5	0.01	mg/L		0.09	0.58	----	----	----
Arsenic	7440-38-2	0.001	mg/L		<0.001	<0.001	----	----	----
Cadmium	7440-43-9	0.0001	mg/L		<0.0001	<0.0001	----	----	----
Chromium	7440-47-3	0.001	mg/L		<0.001	<0.001	----	----	----
Copper	7440-50-8	0.001	mg/L		<0.001	0.002	----	----	----
Nickel	7440-02-0	0.001	mg/L		<0.001	0.001	----	----	----
Lead	7439-92-1	0.001	mg/L		<0.001	<0.001	----	----	----
Zinc	7440-66-6	0.005	mg/L		<0.005	0.009	----	----	----
Manganese	7439-96-5	0.001	mg/L		0.007	0.021	----	----	----



Analytical Results

Sub-Matrix: SURFACE WATER (Matrix: WATER)				Sample ID	TR-RS	SSC-IS			
Sampling date / time					05-Jul-2026 15:14	05-Jul-2026 15:16			
Compound				CAS Number	LOR	Unit	ES2621518-011	ES2621518-012	
							Result	Result	
EG020T: Total Metals by ICP-MS - Continued									
Silver	7440-22-4	0.001	mg/L				<0.001	<0.001	
Iron	7439-89-6	0.05	mg/L				0.09	0.34	
EG035F: Dissolved Mercury by FIMS									
Mercury	7439-97-6	0.0001	mg/L				<0.0001	<0.0001	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.0001	mg/L				<0.0001	<0.0001	
EK0265F: Total CN by Segmented Flow Analyser									
Total Cyanide	57-12-5	0.002	mg/L				<0.002	<0.002	
EK055G: Ammonia as N by Discrete Analyser									
Ammonia as N	7664-41-7	0.01	mg/L				0.06	0.03	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N	14797-65-0	0.01	mg/L				<0.01	<0.01	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N	14797-55-8	0.01	mg/L				0.03	0.01	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L				0.03	0.01	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L				0.2	0.3	
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser									
Total Nitrogen as N	----	0.1	mg/L				0.2	0.3	
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L				<0.01	0.03	
EK071G: Reactive Phosphorus as P by discrete analyser									
Reactive Phosphorus as P	14265-44-2	0.01	mg/L				<0.01	<0.01	



Appendix C: July 2026 WQ Monitoring Results

Parameter		DO (ppm)	Specific EC (SPC uS/cm)	EC (uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Dissolved Al (mg/L)	Dissolved As (mg/L)	Dissolved Cd (mg/L)	Dissolved Cr (mg/L)	Dissolved Cu (mg/L)	Cyanide (mg/L)	Dissolved Fe (mg/L)	Dissolved Pb (mg/L)	Dissolved Mn (mg/L)	Dissolved Hg (mg/L)
YARRANGOBILLY CATCHMENT																	
Default Guideline Value (DGV)		-	30-350	30-350	6.5-8	-	2-25	0.027	0.0008	0.0006	0.00001	0.001	0.004	0.3	0.001	1.2	0.00006
Limit of Reporting (LOR)		-	-	-	-	-	0.1	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
Dec - May Site Specific Guideline Value (SSGV)		9.08	115	93.2	7.85	79.1	0.37	0.03	0.0003	0.00002	0.00001	0.0002	0.002	0.03	0.001	0.002	0.00003
June - Nov SSGV		10.28	88	60.85	7.62	98.4	5.12	0.04	0.0003	0.00002	0.00001	0.0002	0.002	0.02	0.001	0.002	0.00003
WC-RS	Mar-24	9.72	143.6	104.3	7.80	25.9	0.1	0.02	0.00015	0.00001	0.00001	0.002	0.001	0.03	0.002	0.003	0.00002
	Apr-24	-	145.6	-	8.44	-	1.05	0.01	0.001	0.0001	0.001	0.001	0.002	0.11	0.001	0.007	0.0001
	May-24	-	155	-	8.05	-	0.39	0.01	0.001	0.0001	0.001	0.001	0.004	0.05	0.001	0.009	0.0001
	Jun-24	-	126.8	-	7.51	-	0.56	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.005	0.0001
	Jul-24	-	46.6	-	6.96	-	9.24	0.07	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Aug-24	-	47.1	-	7.80	-	1.6	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Sep-24	-	43	-	7.86	-	0.5	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Oct-24	-	52	-	7.55	-	1.3	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Nov-24	9.7	82	82	7.63	235	0.6	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001
	Dec-24	10.0	41.8	71.0	7.75	250	1.4	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
*sample not ana	Jan-25	-	27.3	-	8.13	-	0.65	-	-	-	-	-	-	-	-	-	-
	Feb-25	9.2	26.3	123	7.76	158	4.01	0.06	0.001	0.0001	0.001	0.001	0.002	0.08	0.001	0.008	0.0001
	Mar-25	9.8	34.6	145	8.32	162	1.16	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.008	0.0001
	Apr-25	10.5	34	155	8.19	202	0.9	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.007	0.0001
	May-25	-	33.7	24	8.59	110.8	1.04	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.007	0.0001
	Jun-25	-	12.4	7.9	8.63	113.9	2.87	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.005	0.0001
	Jul-25	-	11.3	7.7	9.20	193.5	5.9	0.06	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001
	Aug-25	-	15.4	9.8	7.00	294.9	3.93	0.02	0.001	0.0001	0.001	0.001	-	0.05	0.001	0.001	0.0001
	Sep-25	-	101.1	63.1	8.20	177.5	0.8	0.03	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Oct-25	-	86.7	59.6	7.59	111.6	0.88	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
*sample not ana	Nov-25	-	99.2	4	7.88	161.3	0.73	0.01	0.001	0.0001	0.001	0.014	0.002	0.05	0.001	0.003	0.0001
	Dec-25	-	109.9	93.5	7.95	148	4.54	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Jan-26	-	84	88.1	8.22	113.9	6.91	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.054	0.0001
	Feb-26	-	212	188.4	7.99	151.1	1.69	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.011	0.0001
	Mar-26	-	141.3	123.6	7.96	156.9	1.80	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.009	0.0001
	Apr-26	-	85.9	64.3	7.91	131.9	1.54	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001
	May-26	-	112.8	78.7	8.01	119.7	2.34	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.005	0.0001
	Jun-26	-	72.9	-	8.32	-	17.99	0.04	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Jul-26	-	105.9	76	8.05	111.8	18.05	0.08	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Dissolved Ni (mg/L)	TN (mg/L)	TP (mg/L)	Dissolved Ag (mg/L)	Dissolved Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides (mg/L)	Reactive Phosphorous (mg/L)	Total Hardness (mg/L) (CaCO3)	Total Kjeda hl Nitrogen (mg/L) (TKN)	TDS (mg/L)	TSS (mg/L)	Total Al (mg/L)	Total As (mg/L)	Total Cd (mg/L)	Total Cr (mg/L)	Total Cu (mg/L)	Total Pb (mg/L)	Total Mn (mg/L)	Total Ni (mg/L)	Total Ag (mg/L)	Total Zn (mg/L)	Total Fe (mg/L)	Total Hg (mg/L)
0.008	0.25	0.02	0.00002	0.0024	0.013	0.015	0.015	-	-	-	0.2	0.027	0.0008	0.0006	0.00001	0.001	0.001	1.2	0.008	0.00002	0.0024	0.3	0.00006
0.001	0.1	0.01	0.001	0.005	0.010	0.010	0.010	1	0.1	10	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.05	0.0001
0.001	0.2	0.02	0.00002	0.002	0.013	0.015	0.020	47	0.2	52	0.2												
0.001	0.2	0.02	0.00002	0.002	0.013	0.015	0.015	30	0.2	39	1.0												
0.001	0.1	0.03	0.00001	0.001	0.050	0.05	0.005	42	0.1	70	0.1	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.1	0.02	0.001	0.005	0.010	0.01	-	70	0.01	-	1	0.02	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.02	0.001	0.005	0.020	0.01	0.01	77	0.1	102	5	0.01	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.05	0.0001
0.001	0.2	0.01	0.001	0.005	0.010	0.23	0.01	53	0.1	81	2	0.01	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.05	0.001	0.005	0.010	0.01	0.01	17	0.1	38	8	0.09	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.005	0.09	0.0001
0.001	0.1	0.01	0.001	0.032	0.010	0.01	0.01	28	0.1	51	4	0.06	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.07	0.0001
0.001	0.4	0.03	0.001	0.005	0.040	0.22	0.01	31	0.2	65	3	0.04	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.02	0.01	31	0.1	46	1	0.07	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.1	0.0001
0.001	0.1	0.06	0.001	0.005	0.020	0.02	0.01	36	0.1	60	2	0.01	0.001	0.0001	0.001	0.001	0.001	0.003	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	31	0.1	51	2	0.09	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.08	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.2	0.06	0.001	0.005	0.040	0.02	0.01	57	0.2	61	2	0.16	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.008	0.15	0.0001
0.001	0.2	0.02	0.001	0.005	0.020	0.01	0.01	70	0.2	90	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.020	0.01	0.01	80	0.1	88	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.06	0.0001
0.001	2.9	0.01	0.001	0.005	0.020	2.5	0.01	77	0.4	104	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.05	0.0001
0.001	0.6	0.04	0.001	0.005	0.010	0.42	0.01	55	0.2	84	3	0.08	0.001	0.0001	0.001	0.001	0.001	0.008	0.001	0.001	0.005	0.09	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.1	0.01	19	0.1	36	6	0.17	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.005	0.16	0.0001
0.001	0.1	0.01	0.001	0.005	0.070	0.1	0.01	26	0.1	37	1	0.05	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.03	0.001	0.01	0.010	0.01	0.01	23	0.1	46	1	0.09	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.005	0.07	0.0001
0.001	0.1	0.04	0.001	0.005	0.040	0.01	0.01	33	0.1	44	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.05	0.0001
0.001	0.2	0.04	0.001	0.025	0.010	0.01	0.01	41	0.2	52	1	0.02	0.001	0.0001	0.001	0.019	0.001	0.004	0.001	0.005	0.028	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.030	0.02	0.01	41	0.1	93	3	0.11	0.001	0.0001	0.001	0.001	0.001	0.008	0.001	0.001	0.005	0.12	0.0001
0.001	0.4	0.03	0.001	0.054	0.010	0.02	0.01	77	0.4	125	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.057	0.09	0.0001
0.001	0.1	0.03	0.001	0.012	0.003	0.01	0.01	101	0.1	121	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.013	0.001	0.001	0.010	0.08	0.0001
0.001	0.1	0.05	0.001	0.011	0.010	0.02	0.01	65	0.1	91	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.011	0.05	0.0001
0.001	0.3	0.03	0.001	0.005	0.010	0.01	0.01	38	0.3	58	1	0.02	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	31	0.1	62	3	0.03	0.001	0.0002	0.001	0.001	0.001	0.006	0.001	0.001	0.007	0.05	0.0001
0.001	0.2	0.03	0.001	0.005	0.110	0.02	0.02	18	0.2	42	2	0.1	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.11	0.0001
0.001	0.3	0.06	0.001	0.005	0.090	0.01	0.01	18	0.3	44	18	0.8	0.001	0.0001	0.001	0.001	0.001	0.022	0.001	0.001	0.005	0.4	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

		Sheen/ oil/ grease	Temp. (°C)	Dissolved Oxygen (DO %)	DO (ppm)	Specific EC (SPC EC (uS/cm) uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Dissolved Al (mg/L)	Dissolved As (mg/L)	Dissolved Cd (mg/L)	Dissolved Cr (mg/L)	Dissolved Cu (mg/L)	Cyanide (mg/L)	Dissolved Fe (mg/L)	Dissolved Pb (mg/L)	Dissolved Mn (mg/L)	Dissolved Hg (mg/L)		
Parameter																					
WC-IS	Mar-24	No	10.7	87.1	9.68	145.9	105.9	7.83	41.9	0.1	0.03	0.00015	0.00001	0.00001	0.002	0.001	0.03	0.002	0.003	0.00002	
	Apr-24	No	10.7	95.0	-	145.2	-	8.45	-	0.9	0.01	0.001	0.0001	0.0001	0.001	0.002	0.07	0.001	0.006	0.0001	
	May-24	No	2.1	94.1	-	154.9	-	7.86	-	0.3	0.01	0.001	0.0001	0.0001	0.001	0.001	0.004	0.05	0.001	0.007	0.0001
	Jun-24	No	4.8	93.3	-	126.7	-	7.72	-	0.35	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001
	Jul-24	No	6.6	91.2	-	46.6	-	6.96	-	7.65	0.07	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Aug-24	No	10.5	91.5	-	45.6	-	7.83	-	5.85	0.02	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Sep-24	No	11.7	92.9	-	54.4	-	7.83	-	5.5	0.04	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.005	0.0001
	Oct-24	No	9.5	93.3	-	52.1	-	7.66	-	1.4	0.02	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Nov-24	No	12.2	90.4	9.9	82	82	7.63	245	0.3	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Dec-24	No	12.7	91.1	10.1	41.3	72	7.48	259	1.4	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Jan-25	No	17.8	85.7	9.1	24.5	108	7.80	232	2.75	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.007	0.0001
	Feb-25	No	16.3	85.2	9.4	26	123	7.80	164	4.08	0.06	0.001	0.0001	0.0001	0.001	0.001	0.002	0.06	0.001	0.007	0.0001
	Mar-25	No	16.1	95.8	9.7	31.8	145	8.33	170	1.13	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.006	0.0001
	Apr-25	No	17.3	92.8	10.6	33.5	155	8.66	197	1.02	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.005	0.0001
	May-25	No	9.4	96.1	-	34.3	24.1	8.71	110.9	1.4	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.006	0.0001
	Jun-25	No	5.8	89.6	-	24.5	15.5	8.30	113.6	5.1	0.02	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Jul-25	No	8.1	85.9	-	11.2	7.6	9.40	199.4	9.92	0.06	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Aug-25	No	10.3	96.5	-	13.7	9.8	7.00	294.9	3.93	0.02	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Sep-25	No	5.2	93.9	-	72.1	44.9	8.50	178.5	6	0.03	0.001	0.0001	0.0001	0.001	0.003	0.002	0.05	0.001	0.002	0.0001
	Oct-25	No	11.9	100.6	-	89.7	67.2	7.64	110.3	0.88	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
Nov-25	No	14.7	76.5	-	95.3	76.5	7.84	147	1.15	0.01	0.001	0.0001	0.0001	0.001	0.005	0.002	0.05	0.001	0.003	0.0001	
Dec-25	No	17.6	81.8	-	109	93.5	8.10	132.1	4.29	0.02	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001	
Jan-26	No	24.3	87.8	-	181.8	88.1	8.22	113.9	6.91	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.008	0.0001	
Feb-26	No	21.0	90.4	-	206.9	191.7	8.05	145.6	1.28	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.008	0.0001	
Mar-26	No	18.3	87.2	-	68.9	60.8	8.03	135.8	2.54	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.007	0.0001	
Apr-26	No	11.7	78.5	-	85.7	64	8.01	130	0.8	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001	
May-26	No	9.0	81.3	-	81.4	56.6	7.86	124.3	2.1	0.01	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001	
Jun-26	No	6.7	85.3	-	56	-	8.17	-	11.22	0.05	0.001	0.0001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001	
Jul-26	No	9.5	84.8	-	52.6	37	7.78	122.2	17.55	0.09	0.001	0.0001	0.0001	0.001	0.001	0.002	0.06	0.001	0.002	0.0001	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Dissolved Ni (mg/L)	TN (mg/L)	TP (mg/L)	Dissolved Ag (mg/L)	Dissolved Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides (mg/L)	Reactive Phosphorous (mg/L)	Total Hardness (mg/L) (CaCO3)	Total Kjeda hl Nitrogen (mg/L) (TKN)	TDS (mg/L)	TSS (mg/L)	Total Al (mg/L)	Total As (mg/L)	Total Cd (mg/L)	Total Cr (mg/L)	Total Cu (mg/L)	Total Pb (mg/L)	Total Mn (mg/L)	Total Ni (mg/L)	Total Ag (mg/L)	Total Zn (mg/L)	Total Fe (mg/L)	Total Hg (mg/L)
0.0005	0.1	0.005	0.00001	0.001	0.050	0.05	0.005	42	0.1	88	0.1	-	-	-	-	-	-	-	-	-	-	-	-
0.001	2.7	0.02	0.001	0.005	0.010	2.42	-	67	2.42	-	11	0.15	0.001	0.0001	0.001	0.001	0.001	0.022	0.004	0.001	0.005	0.22	0.0001
0.001	0.4	0.02	0.001	0.005	0.010	0.31	0.01	75	0.1	106	5	0.01	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.02	0.04	53	0.1	81	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.01	0.01	17	0.1	42	5	0.11	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.005	0.1	0.0001
0.001	0.1	0.01	0.001	0.006	0.010	0.03	0.01	28	0.1	45	4	0.06	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.06	0.0001
0.001	7.6	0.02	0.001	0.017	0.010	7.21	0.01	33	0.4	113	3	0.02	0.001	0.0001	0.001	0.001	0.001	0.002	0.001	0.001	0.005	0.05	0.0001
0.001	0.2	0.03	0.001	0.005	0.010	0.02	0.01	31	0.2	39	2	0.08	0.001	0.0001	0.001	0.001	0.001	0.004	0.005	0.001	0.005	0.12	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	38	0.1	58	1	0.02	0.001	0.0001	0.001	0.001	0.001	0.003	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	33	0.1	51	2	0.08	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.09	0.0001
0.001	0.2	0.01	0.001	0.005	0.010	0.01	0.01	51	0.2	82	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.015	0.001	0.001	0.005	0.07	0.0001
0.001	0.2	0.02	0.001	0.005	0.040	0.01	0.01	57	0.2	66	1	0.14	0.001	0.0001	0.001	0.001	0.001	0.010	0.001	0.001	0.005	0.14	0.0001
0.001	0.1	0.03	0.001	0.005	0.020	0.01	0.01	70	0.1	85	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.03	0.001	0.005	0.030	0.01	0.01	75	0.1	87	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.06	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.1	0.01	77	0.1	88	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.05	0.0001
0.001	0.3	0.02	0.001	0.005	0.020	0.03	0.01	51	0.3	89	1	0.12	0.001	0.0001	0.001	0.001	0.001	0.016	0.001	0.001	0.005	0.19	0.0001
0.001	0.3	0.04	0.001	0.005	0.300	0.3	0.01	19	0.3	35	7	0.14	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.005	0.13	0.0001
0.001	0.2	0.01	0.001	0.01	0.020	0.2	0.01	26	0.2	28	1	0.06	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.012	0.05	0.0001
0.001	0.1	0.04	0.001	0.006	0.030	0.01	0.01	23	0.1	44	1	0.08	0.001	0.0001	0.001	0.004	0.001	0.005	0.001	0.001	0.006	0.07	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.01	0.01	31	0.1	46	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.009	0.070	0.01	0.01	41	0.1	54	1	0.03	0.001	0.0001	0.001	0.015	0.001	0.005	0.001	0.001	0.01	0.05	0.0001
0.001	0.2	0.01	0.001	0.005	0.030	0.01	0.01	41	0.2	94	2	0.1	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.13	0.0001
0.001	0.1	0.03	0.001	0.056	0.010	0.02	0.01	75	0.1	110	1	0.05	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.041	0.1	0.0001
0.001	0.1	0.01	0.001	0.006	0.030	0.01	0.01	101	0.1	124	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.009	0.06	0.0001
0.001	0.2	0.01	0.001	0.005	0.050	0.02	0.01	65	0.2	95	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.010	0.001	0.001	0.005	0.05	0.0001
0.001	0.5	0.02	0.001	0.005	0.030	0.02	0.01	36	0.5	59	1	0.02	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.02	0.001	0.005	0.070	0.02	0.01	28	0.1	63	1	0.02	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.05	0.0001
0.001	0.2	0.01	0.001	0.005	0.020	0.02	0.01	18	0.2	51	2	0.22	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.006	0.22	0.0001
0.005	0.2	0.02	0.001	0.005	0.020	0.01	0.01	18	0.2	38	18	0.43	0.001	0.0001	0.001	0.001	0.001	0.002	0.001	0.001	0.005	0.39	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

		Sheen/ oil/ grease	Temp. (°C)	Dissolved Oxygen (DO %)	DO (ppm)	Specific EC (SPC uS/cm)	EC (uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Dissolved Al (mg/L)	Dissolved As (mg/L)	Dissolved Cd (mg/L)	Dissolved Cr (mg/L)	Dissolved Cu (mg/L)	Cyanide (mg/L)	Dissolved Fe (mg/L)	Dissolved Pb (mg/L)	Dissolved Mn (mg/L)	Dissolved Hg (mg/L)
Parameter																				
CG-IS	Mar-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Apr-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	May-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jun-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jul-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aug-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sep-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Oct-24	No	12.7	93.2	-	382.8	-	8.17	-	1	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Nov-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dec-24	No	14.0	88.5	9.7	29	480	8.12	255	2.64	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Jan-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mar-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Apr-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	May-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jun-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jul-25	No	10.7	85.1	-	13.1	80.9	9.30	179	2.6	0.03	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001
	Aug-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sep-25	No	12.1	96.6	-	483	364.4	8.00	175.1	1.63	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Oct-25	No	14.4	95.8	-	582	464.4	7.84	124.5	0.24	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Nov-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dec-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jan-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mar-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Apr-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	May-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jun-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jul-26	No	10.3	85.6	-	477.9	344.2	8.34	121.2	12.02	0.05	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Dissolved Ni (mg/L)	TN (mg/L)	TP (mg/L)	Dissolved Ag (mg/L)	Dissolved Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides (mg/L)	Reactive Phosphorous (mg/L)	Total Hardness (mg/L) (CaCO3)	Total Kjeldahl Nitrogen (mg/L) (TKN)	TDS (mg/L)	TSS (mg/L)	Total Al (mg/L)	Total As (mg/L)	Total Cd (mg/L)	Total Cr (mg/L)	Total Cu (mg/L)	Total Pb (mg/L)	Total Mn (mg/L)	Total Ni (mg/L)	Total Ag (mg/L)	Total Zn (mg/L)	Total Fe (mg/L)	Total Hg (mg/L)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.1	0.02	0.001	0.005	0.010	0.01	0.01	294	0.1	298	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.05	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.1	0.01	0.001	0.005	0.010	0.02	0.01	287	0.1	336	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.05	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.1	0.02	0.001	0.005	0.040	0.07	0.01	290	0.1	347	1	0.03	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.05	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.2	0.01	0.001	0.005	0.010	0.01	0.01	249	0.2	312	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	272	0.1	312	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.002	0.001	0.001	0.005	0.05	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.1	0.03	0.001	0.005	0.030	0.01	0.02	225	0.4	316	8	0.14	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.09	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

		Sheen/ oil/ grease	Temp. (°C)	Dissolved Oxygen (DO %)	DO (ppm)	Specific EC (SPC EC (uS/cm) uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Dissolved Al (mg/L)	Dissolved As (mg/L)	Dissolved Cd (mg/L)	Dissolved Cr (mg/L)	Dissolved Cu (mg/L)	Cyanide (mg/L)	Dissolved Fe (mg/L)	Dissolved Pb (mg/L)	Dissolved Mn (mg/L)	Dissolved Hg (mg/L)	
Parameter																				
YR1-IS	Mar-24	No	12.2	88.2	9.47	129.4	97.7	7.81	53.8	0.1	0.05	0.00015	0.00001	0.000005	0.002	0.001	0.03	0.0005	0.002	0.000015
	Apr-24	No	11.3	97.4	-	136.1	-	8.49	-	1.23	0.01	0.001	0.0001	0.001	0.002	0.05	0.001	0.002	0.002	0.0001
	May-24	No	3.1	95.6	-	138.8	-	7.91	-	0.42	0.01	0.001	0.0001	0.001	0.001	0.004	0.05	0.001	0.002	0.0001
	Jun-24	No	5.6	94.3	-	112.4	-	7.80	-	1.94	0.02	0.001	0.0001	0.001	0.001	0.002	0.14	0.001	0.003	0.0001
	Jul-24	No	6.4	93.0	-	51.5	-	6.93	-	10.05	0.18	0.001	0.0001	0.001	0.001	0.002	0.11	0.001	0.002	0.0001
	Aug-24	No	8.6	89.8	-	55.8	-	7.87	-	3.62	0.07	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Sep-24	No	13.3	93.1	-	61.4	-	7.77	-	0.79	0.04	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Oct-24	No	12.5	94.9	-	66.8	-	7.77	-	2	0.04	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Nov-24	No	15.0	92.2	9.7	105	105	7.69	251	0.8	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.020	0.0001
	Dec-24	No	14.3	91.1	9.9	40.4	69	7.52	253	3.94	0.1	0.001	0.0001	0.001	0.001	0.002	0.06	0.001	0.001	0.0001
	Jan-25	No	19.5	86.6	9	19.2	110	8.01	235	14.18	0.04	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Feb-25	No	17.2	86.3	9.3	21.8	101	7.78	168	4.35	0.14	0.001	0.0001	0.001	0.001	0.002	0.13	0.001	0.005	0.0001
	Mar-25	No	19.5	101.4	9.6	39.3	178	8.46	175	1.16	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Apr-25	Yes	18.7	91.6	10.4	36.3	171	8.76	195	0.98	0.01	0.001	0.0001	0.001	0.01	0.002	0.05	0.001	0.006	0.0001
	May-25	Yes	10.3	95.1	-	35.1	25.2	8.84	110.9	1.29	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Jun-25	No	5.9	89.8	-	18.2	11.5	8.66	122.1	11.92	0.14	0.001	0.0001	0.001	0.001	0.002	0.12	0.001	0.003	0.0001
	Jul-25	No	9.3	88.8	-	15.3	10.7	8.60	207.5	7.02	0.12	0.001	0.0001	0.001	0.001	0.002	0.06	0.001	0.001	0.0001
	Aug-25	No	15.6	101.0	-	42.9	35.2	7.80	290	4.21	0.04	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Sep-25	No	8.6	96.6	-	85.1	58.4	8.30	166.5	1	0.7	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Oct-25	No	9.6	91.8	-	108.4	76.4	7.66	94.9	1.3	0.06	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Nov-25	No	16.0	76.6	-	111.9	92.6	7.93	139.7	1.75	0.02	0.001	0.0001	0.001	0.004	0.002	0.05	0.001	0.002	0.0001
	Dec-25	No	20.1	81.9	-	124.8	113.2	8.28	134.6	31.04	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Jan-26	No	23.7	87.8	-	169.5	165.4	8.17	127.1	0.9	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.008	0.0001
	Feb-26	No	22.6	93.4	-	204.1	194.6	8.19	138.5	1.37	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.01	0.0001
	Mar-26	No	20.0	90.3	-	141.5	128.2	8.20	146.5	3.20	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Apr-26	No	12.4	78.7	-	23.7	18	7.98	138.7	10.81	0.09	0.001	0.0001	0.001	0.001	0.002	0.07	0.001	0.002	0.0001
	May-26	No	10.2	83.5	-	116.1	83.2	7.97	135.7	2.29	0.03	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Jun-26	No	6.5	85.1	-	68.8	-	8.01	-	12.6	0.06	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Jul-26	No	9.9	84.8	-	65.2	46.4	8.07	120.3	17.68	0.14	0.001	0.0001	0.001	0.001	0.002	0.09	0.001	0.002	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Dissolved Ni (mg/L)	TN (mg/L)	TP (mg/L)	Dissolved Ag (mg/L)	Dissolved Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides (mg/L)	Reactive Phosphorou s (mg/L)	Total Hardness (mg/L) (CaCO3)	Total Kjeda hl Nitrogen (mg/L) (TKN)	TDS (mg/L)	TSS (mg/L)	Total Al (mg/L)	Total As (mg/L)	Total Cd (mg/L)	Total Cr (mg/L)	Total Cu (mg/L)	Total Pb (mg/L)	Total Mn (mg/L)	Total Ni (mg/L)	Total Ag (mg/L)	Total Zn (mg/L)	Total Fe (mg/L)	Total Hg (mg/L)
0.001	0.1	0.005	0.00001	0.001	0.050	0.05	0.005	34	0.1	66	0.1												
0.001	0.1	0.01	0.001	0.005	0.010	0.05	-	61	0.05	-	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.002	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.01	0.01	68	0.1	95	5	0.01	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.03	51	0.1	68	1	0.03	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.05	0.0001
0.001	0.2	0.02	0.001	0.005	0.010	0.01	0.01	19	0.2	48	7	0.17	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.15	0.0001
0.001	0.2	0.01	0.001	0.005	0.010	0.01	0.01	33	0.2	55	3	0.12	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.09	0.0001
0.001	0.1	0.04	0.001	0.005	0.010	0.02	0.01	38	0.1	68	2	0.06	0.001	0.0001	0.001	0.001	0.001	0.003	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.02	0.001	0.006	0.020	0.01	0.01	41	0.1	60	2	0.08	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.09	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	48	0.1	74	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.003	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.02	0.01	31	0.1	52	4	0.17	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.039	0.15	0.0001
0.001	0.6	0.05	0.001	0.005	0.080	0.05	0.01	56	0.6	81	47	0.27	0.001	0.0001	0.001	0.001	0.001	0.051	0.001	0.001	0.009	0.33	0.0001
0.001	0.2	0.03	0.001	0.005	0.040	0.02	0.01	46	0.2	51	4	0.15	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.015	0.16	0.0001
0.001	0.1	0.01	0.001	0.005	0.030	0.01	0.01	90	0.1	100	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.003	0.001	0.001	0.005	0.05	0.0001
0.001	0.2	0.02	0.001	0.005	0.040	0.01	0.01	87	0.2	100	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.020	0.01	0.01	82	0.1	96	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.002	0.001	0.001	0.005	0.05	0.0001
0.001	0.3	0.02	0.001	0.008	0.020	0.02	0.01	36	0.3	83	7	0.71	0.001	0.0001	0.002	0.001	0.001	0.014	0.002	0.001	0.01	0.56	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.02	0.01	24	0.1	44	2	0.15	0.001	0.0001	0.001	0.002	0.001	0.005	0.001	0.001	0.005	0.2	0.0001
0.001	0.2	0.03	0.001	0.005	0.010	0.2	0.01	43	0.1	53	1	0.07	0.001	0.0001	0.001	0.001	0.001	0.003	0.001	0.001	0.005	0.05	0.0001
0.001	0.2	0.04	0.001	0.005	0.010	0.01	0.01	29	0.1	56	1	0.12	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.08	0.0001
0.001	0.1	0.01	0.001	0.005	0.040	0.01	0.01	41	0.1	63	1	0.12	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.09	0.0001
0.001	0.2	0.01	0.001	0.012	0.010	0.2	0.01	51	0.2	67	2	0.05	0.001	0.0001	0.001	0.014	0.001	0.01	0.001	0.001	0.013	0.14	0.0001
0.001	0.2	0.01	0.001	0.005	0.060	0.01	0.01	48	0.2	110	1	0.03	0.001	0.0001	0.001	0.001	0.001	0.003	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.02	0.001	0.018	0.020	0.02	0.01	75	0.1	125	1	0.02	0.001	0.0001	0.001	0.001	0.001	0.008	0.001	0.001	0.015	0.06	0.0001
0.001	0.3	0.02	0.001	0.01	0.070	0.01	0.01	99	0.3	116	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.011	0.05	0.0001
0.001	0.2	0.03	0.001	0.005	0.010	0.01	0.01	66	0.2	81	1	0.05	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.012	0.06	0.0001
0.001	0.5	0.03	0.001	0.005	0.020	0.01	0.01	43	0.5	72	3	0.33	0.001	0.0001	0.001	0.001	0.001	0.017	0.001	0.001	0.005	0.34	0.0001
0.001	0.2	0.01	0.001	0.016	0.090	0.01	0.01	46	0.2	86	3	0.04	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.05	0.0001
0.001	0.4	0.01	0.001	0.005	0.110	0.23	0.01	26	0.2	52	2	0.33	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.005	0.27	0.0001
0.001	0.2	0.04	0.001	0.005	0.020	0.01	0.01	21	0.2	42	16	0.65	0.001	0.0001	0.002	0.001	0.001	0.023	0.001	0.001	0.005	0.55	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

		Sheen/ oil/ grease	Temp. (°C)	Dissolved Oxygen (DO %)	DO (ppm)	Specific EC (SPC uS/cm)	EC (uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Dissolved Al (mg/L)	Dissolved As (mg/L)	Dissolved Cd (mg/L)	Dissolved Cr (mg/L)	Dissolved Cu (mg/L)	Cyanide (mg/L)	Dissolved Fe (mg/L)	Dissolved Pb (mg/L)	Dissolved Mn (mg/L)	Dissolved Hg (mg/L)
Parameter																				
LHG-IS	Mar-24	Yes	11.9	59.2	6.38	596	447.2	7.35	-17.2	408.5	0.2	0.00015	0.00001	0.001	0.003	0.001	0.18	0.005	0.040	0.000015
	Apr-24	No	12.5	60.1	-	658	-	7.69	-	69.72	0.01	0.001	0.0001	0.001	0.001	0.002	0.34	0.001	0.184	0.0001
	May-24	No	7.0	63.3	-	618	-	7.00	-	1003.7	0.01	0.001	0.0001	0.001	0.001	0.004	0.71	0.001	0.184	0.0001
	Jun-24	No	8.5	70.4	-	616	-	7.65	-	10.05	0.01	0.001	0.0001	0.001	0.001	0.002	0.48	0.001	0.158	0.0001
	Jul-24	No	8.0	87.5	-	503	-	7.30	-	5.44	0.01	0.001	0.0001	0.001	0.001	0.002	0.07	0.001	0.025	0.0001
	Aug-24	No	11.4	83.0	-	408.8	-	7.74	-	76.59	0.01	0.001	0.0001	0.001	0.001	0.002	0.07	0.001	0.020	0.0001
	Sep-24	No	9.7	87.3	-	424.6	-	7.68	-	6.13	0.01	0.001	0.0001	0.001	0.001	0.002	0.06	0.001	0.045	0.0001
	Oct-24	No	12.4	86.5	-	432.4	-	7.59	-	2.2	0.01	0.001	0.0001	0.001	0.001	0.002	0.10	0.001	0.036	0.0001
	Nov-24	No	12.1	83.1	9.9	537	537	7.91	254	3.6	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Dec-24	No	17.6	87.4	9.4	278.1	473	8.24	252	6.7	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.005	0.0001
	Jan-25	Yes	17.8	76.9	9.1	128.7	563	8.05	198	14.89	0.01	0.001	0.0001	0.001	0.001	0.002	0.07	0.001	0.041	0.0001
	Feb-25	Yes	18.6	79.2	9.3	136.1	591	7.80	187	7.23	0.01	0.001	0.0001	0.001	0.001	0.002	0.06	0.001	0.105	0.0001
	Mar-25	Yes	22.0	59.6	8.7	134.7	610	7.62	173	9.64	0.08	0.004	0.0001	0.001	0.015	0.002	2.51	0.001	0.597	0.0001
	Apr-25	Yes	17.9	54.1	8.9	131	645	7.52	207	50.12	0.01	0.003	0.0001	0.001	0.001	0.002	1.38	0.001	0.997	0.0001
	May-25	Yes	11.2	37.1	-	134	-	7.47	-	71.43	0.01	0.003	0.0001	0.001	0.001	0.002	1.9	0.001	0.736	0.0001
	Jun-25	No	9.0	68.5	-	136.5	94.9	7.25	112.7	1.32	0.01	0.001	0.0001	0.001	0.001	0.002	0.75	0.001	0.261	0.0001
	Jul-25	No	8.1	83.7	-	78.3	53.1	9.10	185.7	36.35	0.09	0.001	0.0001	0.001	0.001	0.002	0.07	0.001	0.001	0.0001
	Aug-25	No	14.8	96.7	-	67.2	54.1	7.80	287.5	6.39	0.01	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.009	0.001
	Sep-25	No	9.6	91.9	-	527	372	8.00	174.7	6.43	0.01	0.001	0.0001	0.001	0.001	0.002	0.005	0.001	0.006	0.0001
	Oct-25	No	17.2	96.2	-	674	57	7.86	125.1	2.62	0.01	0.001	0.0001	0.001	0.001	0.002	0.5	0.001	0.011	0.0001
	Nov-25	No flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dec-25	No	21.6	72.3	-	61.9	57.9	7.72	117	5.58	0.01	0.001	0.0001	0.001	0.001	0.002	0.16	0.001	0.113	0.0001
	Jan-26	No flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-26	No flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mar-26	No flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Apr-26	No	13.4	67.1	-	636	495.7	7.82	108	2.23	0.001	0.001	0.0001	0.001	0.001	0.002	0.13	0.001	0.102	0.0001
	May-26	No	11.9	75.1	-	565	423.3	7.89	131.5	2.34	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.041	0.0001
	Jun-26	No	10.1	82.2	-	478.4	-	7.97	-	10.57	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.014	0.0001
	Jul-26	No	10.8	83.3	-	468.6	341.3	8.15	130.9	8.52	0.05	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Dissolved Ni (mg/L)	TN (mg/L)	TP (mg/L)	Dissolved Ag (mg/L)	Dissolved Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides (mg/L)	Reactive Phosphorou s (mg/L)	Total Hardness (mg/L) (CaCO3)	Total Kjeda hl Nitrogen (mg/L) (TKN)	TDS (mg/L)	TSS (mg/L)	Total Al (mg/L)	Total As (mg/L)	Total Cd (mg/L)	Total Cr (mg/L)	Total Cu (mg/L)	Total Pb (mg/L)	Total Mn (mg/L)	Total Ni (mg/L)	Total Ag (mg/L)	Total Zn (mg/L)	Total Fe (mg/L)	Total Hg (mg/L)
0.003	0.1	0.01	0.00001	0.006	0.050	0.05	0.005	297	1	330	20												
0.001	0.5	0.09	0.001	0.005	0.020	0.02	-	332	0.02	-	70	0.25	0.003	0.0001	0.001	0.002	0.001	0.51	0.006	0.001	0.009	2.22	0.0001
0.001	0.5	0.05	0.001	0.005	0.040	0.06	0.01	365	0.4	402	5	0.07	0.001	0.0001	0.001	0.001	0.001	0.177	0.001	0.001	0.005	1.09	0.0001
0.001	0.2	0.04	0.001	0.005	0.020	0.02	0.01	313	0.2	339	17	0.38	0.002	0.0001	0.001	0.001	0.001	0.282	0.001	0.001	0.005	1.54	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	250	0.1	324	10	0.53	0.001	0.0001	0.001	0.002	0.001	0.033	0.001	0.001	0.005	0.16	0.0001
0.001	0.1	0.01	0.001	0.006	0.020	0.01	0.01	282	0.1	360	9	0.09	0.001	0.0001	0.001	0.001	0.001	0.026	0.001	0.001	0.005	0.17	0.0001
0.001	0.1	0.09	0.001	0.006	0.010	0.01	0.01	294	0.1	394	10	0.06	0.001	0.0001	0.001	0.001	0.001	0.051	0.001	0.001	0.005	0.19	0.0001
0.001	0.1	0.02	0.001	0.005	0.020	0.01	0.01	312	0.1	362	3	0.04	0.001	0.0001	0.001	0.001	0.001	0.034	0.001	0.001	0.005	0.26	0.0001
0.001	0.1	0.01	0.001	0.005	0.100	0.01	0.01	307	0.1	363	16	0.15	0.001	0.0001	0.001	0.001	0.001	0.023	0.001	0.001	0.005	0.21	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.01	0.01	264	0.1	298	7	0.13	0.001	0.0001	0.001	0.001	0.001	0.014	0.001	0.001	0.005	0.12	0.0001
0.001	0.1	0.04	0.001	0.005	0.030	0.01	0.01	333	0.1	362	33	0.26	0.002	0.0001	0.001	0.001	0.001	0.219	0.001	0.001	0.005	1.13	0.0001
0.001	0.3	0.06	0.001	0.005	0.010	0.06	0.01	333	0.2	378	11	0.09	0.001	0.0001	0.001	0.001	0.001	0.121	0.001	0.001	0.007	0.41	0.0001
0.001	0.3	0.1	0.001	0.005	0.070	0.04	0.01	326	0.3	372	50	0.1	0.001	0.0001	0.001	0.01	0.001	0.559	0.001	0.001	0.006	4.16	0.0001
0.001	0.4	0.16	0.001	0.006	0.030	0.01	0.01	348	0.4	372	64	0.55	0.01	0.0001	0.001	0.002	0.001	1.17	0.001	0.001	0.008	8.45	0.0001
0.001	0.2	0.44	0.001	0.005	0.040	0.03	0.01	333	0.2	406	131	0.61	0.019	0.0001	0.001	0.001	0.002	2.22	0.002	0.001	0.009	19.2	0.0001
0.001	0.2	0.02	0.001	0.006	0.030	0.01	0.01	333	0.2	452	9	0.22	0.001	0.0001	0.001	0.001	0.001	0.281	0.001	0.001	0.005	1.32	0.0001
0.001	0.2	0.04	0.001	0.005	0.020	0.03	0.01	177	0.2	247	68	0.46	0.001	0.0001	0.001	0.001	0.001	0.134	0.001	0.001	0.005	1.04	0.0001
0.001	0.1	0.01	0.001	0.005	0.020	0.1	0.01	277	0.1	346	12	0.05	0.001	0.0001	0.001	0.001	0.001	0.014	0.001	0.001	0.005	0.09	0.0001
0.001	0.1	0.04	0.001	0.005	0.030	0.01	0.01	265	0.1	350	1	0.08	0.001	0.0001	0.001	0.001	0.001	0.008	0.001	0.001	0.005	0.07	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	264	0.1	344	2	0.05	0.001	0.0001	0.001	0.001	0.001	0.016	0.001	0.001	0.008	0.1	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.2	0.03	0.001	0.005	0.040	0.01	0.01	267	0.2	470	14	0.1	0.001	0.001	0.001	0.001	0.001	0.11	0.001	0.001	0.005	0.38	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.4	0.02	0.001	0.005	0.050	0.01	0.01	368	0.4	412	1	0.02	0.001	0.0001	0.001	0.001	0.001	0.099	0.001	0.001	0.005	0.18	0.0001
0.001	0.2	0.01	0.001	0.005	0.030	0.01	0.01	274	0.2	402	2	0.02	0.001	0.0001	0.001	0.001	0.001	0.068	0.001	0.001	0.005	0.23	0.0001
0.001	0.2	0.01	0.001	0.005	0.020	0.01	0.01	213	0.2	276	1	0.02	0.001	0.0001	0.001	0.001	0.001	0.016	0.001	0.001	0.005	0.05	0.0001
0.001	0.01	0.01	0.001	0.005	0.030	0.01	0.01	245	0.2	320	2	0.13	0.001	0.0001	0.001	0.001	0.001	0.008	0.001	0.001	0.005	0.14	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

		Sheen/ oil/ grease	Temp. (°C)	Dissolved Oxygen (DO %)	DO (ppm)	Specific EC (SPC uS/cm)	EC (uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Dissolved Al (mg/L)	Dissolved As (mg/L)	Dissolved Cd (mg/L)	Dissolved Cr (mg/L)	Dissolved Cu (mg/L)	Cyanide (mg/L)	Dissolved Fe (mg/L)	Dissolved Pb (mg/L)	Dissolved Mn (mg/L)	Dissolved Hg (mg/L)
Parameter																				
YR2-IS	Mar-24	No	12.3	88.5	9.47	130.8	99.1	7.93	43.2	0.1	0.03	0.00015	0.00001	0.000005	0.001	0.001	0.02	0.005	0.001	0.000015
	Apr-24	No	11.8	97.1	-	139.7	-	8.52	-	1.16	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	May-24	No	2.5	94.7	-	142.1	-	7.77	-	0.343	0.01	0.001	0.0001	0.001	0.001	0.024	0.05	0.001	0.004	0.0001
	Jun-24	No	4.7	97.1	-	118.6	-	7.24	-	0	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Jul-24	No	5.9	93.5	-	58.4	-	6.78	-	8.87	0.17	0.001	0.0001	0.001	0.001	0.002	0.12	0.001	0.002	0.0001
	Aug-24	No	9.3	93.5	-	58.5	-	7.98	-	6.97	0.06	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Sep-24	No	13.4	93.8	-	66.7	-	7.62	-	1.56	0.04	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.005	0.0001
	Oct-24	No	11.6	93.7	-	69.9	-	7.34	-	1.8	0.03	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Nov-24	No	15.7	92.1	10	62	111	7.92	235	0.6	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Dec-24	No	13.6	90.3	9.8	44.1	75	7.84	220	5.64	0.09	0.001	0.0001	0.001	0.001	0.002	0.06	0.001	0.001	0.0001
	Jan-25	No	28.9	90.5	8.8	28.5	123	8.09	226	1.32	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001
	Feb-25	No	19.3	91.3	9.4	23.3	109	7.97	170	5.89	0.11	0.001	0.0001	0.001	0.001	0.002	0.11	0.001	0.005	0.0001
	Mar-25	No	22.2	102.1	9.5	39.9	182	8.55	158	0.89	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Apr-25	No	18.1	95.3	10.5	37.7	178	8.46	195	0.94	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	May-25	No	10.8	96.8	-	35.7	26	8.87	110.1	1.27	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Jun-25	No	5.9	89.8	-	18.2	12.6	8.66	112.7	11.92	0.26	0.001	0.0001	0.001	0.002	0.002	0.18	0.001	0.004	0.0001
	Jul-25	No	8.1	86.0	-	11.2	7.6	9.10	191.5	11.35	0.07	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Aug-25	No	12.1	97.7	-	15.4	11.6	7.60	294	6.18	0.8	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.01	0.0001
	Sep-25	No	5.6	94.6	-	64.7	40.8	8.10	177.7	2	0.03	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Oct-25	No	14.3	100.2	-	102.2	81.1	7.78	112.6	1.44	0.05	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Nov-25	No	16.9	79.5	-	116.1	98.1	7.79	168.2	0.63	0.02	0.001	0.0001	0.001	0.011	0.002	0.05	0.001	0.002	0.0001
	Dec-25	No	18.2	81.4	-	109.7	95.5	8.13	131.5	4.63	0.1	0.001	0.0001	0.001	0.001	0.002	0.06	0.001	0.005	0.0001
	Jan-26	No	24.2	91.8	-	256.4	252.6	8.29	114.4	6.37	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001
	Feb-26	No	24.7	95.1	-	205.5	204.2	8.29	134.0	1.37	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001
	Mar-26	No	23.0	90.6	-	152.4	146.5	8.18	90.7	3.39	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001
	Apr-26	No	13.1	79.8	-	114.6	88.5	8.20	133.3	7.75	0.12	0.001	0.0001	0.001	0.001	0.002	0.09	0.001	0.004	0.0001
	May-26	No	10.7	86.6	-	140.6	102.2	8.15	106	0.67	0.03	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.005	0.0001
	Jun-26	No	8.7	88.0	-	80.8	-	8.07	-	9.56	0.06	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001
	Jul-26	No	9.7	84.8	-	66	46.8	7.73	139.7	22.94	0.18	0.001	0.0001	0.001	0.001	0.002	0.12	0.001	0.003	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Dissolved Ni (mg/L)	TN (mg/L)	TP (mg/L)	Dissolved Ag (mg/L)	Dissolved Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides (mg/L)	Reactive Phosphorous (mg/L)	Total Hardness (mg/L) (CaCO3)	Total Kjeda hl Nitrogen (mg/L) (TKN)	TDS (mg/L)	TSS (mg/L)	Total Al (mg/L)	Total As (mg/L)	Total Cd (mg/L)	Total Cr (mg/L)	Total Cu (mg/L)	Total Pb (mg/L)	Total Mn (mg/L)	Total Ni (mg/L)	Total Ag (mg/L)	Total Zn (mg/L)	Total Fe (mg/L)	Total Hg (mg/L)
0.001	0.1	0.005	0.00001	0.001	0.050	0.05	0.005	27	1	58	0.1												
0.001	0.1	0.01	0.001	0.005	0.010	0.01	-	61	0.01	-	5	0.02	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.05	0.0001
0.001	0.8	0.03	0.001	0.007	0.020	0.34	0.01	68	0.5	98	5	0.01	0.001	0.0001	0.001	0.001	0.001	0.002	0.001	0.001	0.007	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	51	0.1	76	1	0.03	0.001	0.0001	0.001	0.001	0.001	0.002	0.001	0.001	0.005	0.05	0.0001
0.001	0.4	0.03	0.001	0.005	0.010	0.24	0.01	26	0.2	46	10	0.17	0.001	0.0001	0.001	0.001	0.001	0.012	0.001	0.001	0.007	0.16	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	33	0.1	59	4	0.11	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.005	0.09	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.01	0.01	46	0.1	68	3	0.07	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.07	0.0001
0.001	0.2	0.05	0.001	0.005	0.010	0.01	0.01	43	0.2	71	1	0.07	0.001	0.0001	0.001	0.001	0.001	0.002	0.001	0.001	0.005	0.08	0.0001
0.001	0.1	0.05	0.001	0.005	0.010	0.02	0.01	51	0.1	77	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.020	0.08	0.01	33	0.1	55	6	0.21	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.18	0.0001
0.001	0.2	0.01	0.001	0.005	0.010	0.01	0.01	63	0.2	87	1	0.2	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.05	0.0001
0.001	0.4	0.02	0.001	0.005	0.020	0.05	0.01	48	0.3	72	5	0.2	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.005	0.21	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	90	0.1	104	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.04	0.001	0.005	0.020	0.02	0.01	87	0.1	100	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.03	0.01	82	0.1	94	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.002	0.001	0.001	0.005	0.05	0.0001
0.001	9.3	0.01	0.001	0.005	0.010	8.13	0.01	36	1.2	62	6	0.67	0.001	0.0001	0.002	0.001	0.001	0.011	0.002	0.001	0.005	0.48	0.0001
0.001	0.1	0.05	0.001	0.005	0.600	0.1	<0.01	17	0.1	37	9	0.29	0.001	0.0001	0.001	0.001	0.001	0.013	0.001	0.001	0.005	0.28	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.1	0.01	31	0.1	37	9	0.07	0.001	0.0001	0.001	0.001	0.001	0.008	0.001	0.001	0.005	0.06	0.0001
0.001	0.3	0.07	0.001	0.007	0.010	0.02	0.01	23	0.3	38	1	0.1	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.006	0.09	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.01	0.01	33	0.1	56	1	0.06	0.001	0.0001	0.001	0.001	0.001	0.003	0.001	0.001	0.005	0.06	0.0001
0.001	0.2	0.01	0.001	0.018	0.010	0.01	0.01	51	0.2	70	2	0.04	0.001	0.0001	0.001	0.011	0.001	0.004	0.001	0.001	0.017	0.05	0.0001
0.001	0.2	0.01	0.001	0.005	0.030	0.01	0.01	41	0.2	98	1	0.09	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.005	0.09	0.0001
0.001	0.2	0.02	0.001	0.128	0.010	0.02	0.01	76	0.2	122	1	0.02	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.083	0.05	0.0001
0.001	0.2	0.01	0.001	0.005	0.080	0.01	0.01	97	0.2	96	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.005	0.05	0.0001
0.001	0.5	0.04	0.001	0.012	0.020	0.02	0.01	75	0.5	88	1	0.06	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.019	0.07	0.0001
0.001	0.5	0.03	0.001	0.005	0.010	0.06	0.01	46	0.4	75	1	0.15	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.13	0.0001
0.001	0.1	0.01	0.001	0.005	0.080	0.01	0.01	51	0.1	96	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.020	0.02	0.01	28	0.1	54	1	0.29	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.24	0.0001
0.001	0.3	0.04	0.001	0.005	0.030	0.03	0.01	23	0.3	62	15	0.6	0.001	0.0001	0.001	0.001	0.001	0.016	0.002	0.001	0.005	0.51	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Parameter		Sheen/ oil/ grease	Temp. (°C)	Dissolved Oxygen (DO %)	DO (ppm)	Specific EC (SPC uS/cm)	EC (uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Dissolved Al (mg/L)	Dissolved As (mg/L)	Dissolved Cd (mg/L)	Dissolved Cr (mg/L)	Dissolved Cu (mg/L)	Cyanide (mg/L)	Dissolved Fe (mg/L)	Dissolved Pb (mg/L)	Dissolved Mn (mg/L)	Dissolved Hg (mg/L)
SSC-IS	Mar-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Apr-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	May-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jun-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jul-24	No	8.0	90.1	-	152.6	-	6.29	-	17.88	0.1	0.001	0.0001	0.001	0.001	0.002	0.07	0.001	0.002	0.0001
	Aug-24	No	12.1	94.0	-	120.9	-	7.78	-	3.9	0.04	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Sep-24	No	12.2	84.1	-	122.2	-	7.10	-	3.53	0.05	0.001	0.0001	0.001	0.003	0.002	0.05	0.001	0.002	0.0001
	Oct-24	No	10.1	81.5	-	110.3	-	6.83	-	8.9	0.08	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Nov-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dec-24	No	18.8	90.7	9.4	68.5	118	7.97	188	44.29	0.08	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Jan-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mar-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Apr-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	May-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jun-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jul-25	No	9.4	84.5	-	20.2	14.2	9.10	177.5	37.69	0.49	0.001	0.0001	0.001	0.001	0.002	0.31	0.001	0.001	0.0001
	Aug-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sep-25	No	9.9	93.1	-	118.5	84.4	8.20	171.2	4.33	0.05	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Oct-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nov-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dec-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jan-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mar-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Apr-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	May-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jun-26	No	10.9	84.1	-	121.6	-	7.64	-	24.36	0.04	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Jul-26	No	11.2	83.8	-	90.9	67	7.52	146.6	52.63	0.1	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Dissolved Ni (mg/L)	TN (mg/L)	TP (mg/L)	Dissolved Ag (mg/L)	Dissolved Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides (mg/L)	Reactive Phosphorou s (mg/L)	Total Hardness (mg/L) (CaCO3)	Total Kjeda hl Nitrogen (mg/L) (TKN)	TDS (mg/L)	TSS (mg/L)	Total Al (mg/L)	Total As (mg/L)	Total Cd (mg/L)	Total Cr (mg/L)	Total Cu (mg/L)	Total Pb (mg/L)	Total Mn (mg/L)	Total Ni (mg/L)	Total Ag (mg/L)	Total Zn (mg/L)	Total Fe (mg/L)	Total Hg (mg/L)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	1.8	0.03	0.001	0.024	0.030	0.85	0.01	62	0.9	110	1	0.09	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.025	0.4	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	62	0.1	110	5	0.21	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.09	0.0001
0.001	0.7	0.03	0.001	0.036	0.010	0.07	0.01	65	0.6	108	5	0.10	0.001	0.0001	0.001	0.003	0.001	0.004	0.001	0.001	0.026	0.08	0.0001
0.001	0.4	0.02	0.001	0.005	0.010	0.18	0.01	58	0.2	100	1	0.13	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.1	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.1	0.01	0.001	0.005	0.01	0.01	0.01	53	0.1	85	8	0.57	0.001	0.0001	0.001	0.001	0.001	0.013	0.001	0.001	0.005	0.41	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.002	0.2	0.05	0.001	0.005	0.16	0.01	0.01	39	0.2	71	6	1.64	0.001	0.0001	0.002	0.001	0.003	0.015	0.002	0.001	0.008	1.16	0.0001
0.001	0.1	0.02	0.001	0.005	0.01	0.01	0.01	44	0.1	71	2	0.5	0.001	0.0001	0.001	0.001	0.001	0.003	0.001	0.001	0.005	0.29	0.002
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.3	0.01	0.001	0.005	0.010	0.04	0.01	48	0.3	84	2	0.2	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.12	0.0001
0.001	0.3	0.03	0.001	0.005	0.03	0.01	0.01	41	0.3	82	17	0.58	0.001	0.0001	0.001	0.002	0.001	0.021	0.001	0.001	0.009	0.34	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Parameter		Sheen/ oil/ grease	Temp. (°C)	Dissolved Oxygen (DO %)	DO (ppm)	Specific EC (SPC uS/cm)	EC (uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Dissolved Al (mg/L)	Dissolved As (mg/L)	Dissolved Cd (mg/L)	Dissolved Cr (mg/L)	Dissolved Cu (mg/L)	Cyanide (mg/L)	Dissolved Fe (mg/L)	Dissolved Pb (mg/L)	Dissolved Mn (mg/L)	Dissolved Hg (mg/L)
TALBINGO RESERVOIR																				
DGV		No	-	90-110	-	30-350	30-350	6.5-8	-	2-25	0.027	0.0008	0.0006	0.00001	0.001	0.004	0.3	0.001	1.2	0.00006
LOR				-	-	-	-	-	-	0.1	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
Dec - May SSGV				91.3	8.79	24.0	20.3	7.59	91.2	0.09	0.03	0.003	0.00002	0.00001	0.0002	0.002	0.04	0.001	0.003	0.00003
June - Nov SSGV				95.5	11.53	38.7	26.2	7.59	95.4	1.56	0.015	0.0003	0.00002	0.00001	0.0002	0.002	0.02	0.001	0.002	0.00003
TR-RS	Mar-24	No	13.4	72.5	7.57	24	18.7	7.10	55	0.10	0.015	0.00015	0.00001	0.000005	0.0001	0.001	0.05	0.005	0.005	0.000015
	Apr-24	No	12.2	85.9	-	25.9	-	7.17	-	0.02	0.01	0.001	0.0001	0.001	0.005	0.002	0.05	0.001	0.026	0.0001
	May-24	No	10.1	91.5	-	30.2	-	6.80	-	0.65	0.01	0.001	0.0001	0.001	0.001	0.004	0.05	0.001	0.002	0.0001
	Jun-24	No	8.7	91.6	-	26.4	-	8.32	-	0.10	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.010	0.0001
	Jul-24	No	6.0	92.1	-	28.7	-	7.76	-	1.35	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Aug-24	No	12.7	91.5	-	26.3	-	6.67	-	2.0	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Sep-24	No	10.2	96.2	-	25	-	7.78	-	0.58	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Oct-24	No	9.5	95.2	-	15.3	-	7.78	-	1.7	0.04	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.008	0.0001
	Nov-24	No	15.6	92.1	9.7	55	55	7.73	271	1.6	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.05	0.0001
	Dec-24	No	22.8	95.5	9.1	22.2	38	7.97	200	3.76	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Jan-25	No	25.7	91.6	9.1	27.8	44	7.23	234	1.61	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Feb-25	No	24.6	94.8	9.1	8.7	40	7.61	168	2.16	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Mar-25	No	21.3	90.1	8.9	8.3	36	7.56	138	3.25	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Apr-25	No	17.6	67.6	9.9	5.8	26	6.96	190	1.3	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.03	0.0001
	May-25	No	12.3	88.6	-	5.9	4.5	7.59	109.8	1.68	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Jun-25	No	10.5	86.4	-	6.1	4.4	8.34	111.9	3.15	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.008	0.0001
	Jul-25	No	7.9	90	-	6.5	4.4	7.78	168.1	7.5	0.1	0.001	0.0001	0.001	0.001	0.002	0.18	0.001	0.011	0.0001
	Aug-25	No	12.5	103.6	-	5.8	4.5	7.1	246.8	6.08	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Sep-25	No	11.3	95.6	-	41.3	30.5	4.9	107.8	1.92	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Oct-25	No	13.2	45.9	-	47	36.4	7.35	136.6	1.46	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Nov-25	No	18.8	80.7	-	40	37.9	6.91	184.3	1.15	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.001
	Dec-25	No	18.3	78.1	-	41.2	36	7.45	155.3	3.59	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.002	0.0001
	Jan-26	No	24.5	93.4	-	47.4	46.9	7.92	134.4	1.83	0.02	0.002	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Feb-26	No	17.6	79.1	-	122.3	105.0	7.4	122.1	2.67	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.007	0.0001
	Mar-26	No	19.9	86.3	-	37.9	34.2	7.23	186.9	2.57	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Apr-26	No	14.9	72.8	-	39.3	31.7	7.57	144	1.95	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	May-26	No	13.2	82.2	-	24.5	19	7.78	127.1	1.24	0.03	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001
	Jun-26	No	11.7	92.2	-	32.1	-	7.67	-	4.2	0.03	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
	Jul-26	No	10.2	88.5	-	34.1	24.4	7.41	131.9	3.02	0.03	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.003	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Dissolved Ni (mg/L)	TN (mg/L)	TP (mg/L)	Dissolved Ag (mg/L)	Dissolved Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides (mg/L)	Reactive Phosphorous (mg/L)	Total Hardness (mg/L) (CaCO3)	Total Kjeldahl Nitrogen (mg/L) (TKN)	TDS (mg/L)	TSS (mg/L)	Total Al (mg/L)	Total As (mg/L)	Total Cd (mg/L)	Total Cr (mg/L)	Total Cu (mg/L)	Total Pb (mg/L)	Total Mn (mg/L)	Total Ni (mg/L)	Total Ag (mg/L)	Total Zn (mg/L)	Total Fe (mg/L)	Total Hg (mg/L)
0.008	0.25	0.02	0.00002	0.0024	0.013	0.015	0.015	-	-	-	0.2	0.027	0.0008	0.0006	0.00001	0.001	0.001	1.2	0.008	0.00002	0.0024	0.3	0.00006
0.001	0.1	0.01	0.001	0.005	0.010	0.010	0.01	1	0.1	10	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.05	0.0001
0.001	0.2	0.02	0.00002	0.002	0.013	0.015	0.02	7.5	0.1	12.5	0.2												
0.001	0.2	0.02	0.00002	0.002	0.013	0.015	0.015	8	0.2	15	0.2												
0.0005	0.1	0.01	0.00001	0.001	0.050	0.05	0.005	8	0.1	44	0.1					0.006	0.001	0.039	0.002	0.001	0.067	0.07	0.0001
0.001	1.3	0.02	0.001	0.066	0.030	0.12	-	5	0.12	-	3	0.02	0.001	0.0001	0.001	0.001	0.001	0.033	0.001	0.001	0.012	0.06	0.0001
0.001	0.3	0.03	0.001	0.023	0.020	0.03	0.01	5	0.3	35	5	0.03	0.001	0.0001	0.001	0.001	0.001	0.056	0.001	0.001	0.005	0.07	0.0001
0.001	2.3	0.01	0.001	0.005	0.010	1.92	0.01	5	0.4	17	2	0.03	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.07	0.0001
0.001	0.1	0.02	0.001	0.005	0.030	0.04	0.01	5	0.1	17	2	0.05	0.001	0.0001	0.001	0.001	0.001	0.014	0.001	0.001	0.005	0.06	0.0001
0.001	0.4	0.02	0.001	0.011	0.020	0.07	0.01	12	0.3	30	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.008	0.05	0.0001
0.001	0.2	0.03	0.001	0.005	0.010	0.06	0.01	14	0.1	27	2	0.06	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.07	0.0001
0.001	0.2	0.02	0.001	0.013	0.040	0.02	0.01	14	0.2	38	4	0.07	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.005	0.11	0.0001
0.001	0.1	0.05	0.001	0.005	0.010	0.02	0.01	21	0.1	45	5	0.14	0.001	0.0001	0.001	0.001	0.001	0.07	0.001	0.001	0.005	0.23	0.0001
0.001	0.1	0.06	0.001	0.005	0.010	0.01	0.01	14	0.1	25	2	0.04	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.007	0.06	0.0001
0.001	0.2	0.02	0.001	0.005	0.020	0.01	0.01	17	0.2	46	6	0.03	0.001	0.0001	0.001	0.001	0.001	0.018	0.001	0.001	0.005	0.05	0.0001
0.001	0.2	0.03	0.001	0.005	0.020	0.01	0.01	14	0.2	28	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.017	0.001	0.001	0.005	0.07	0.0001
0.001	0.2	0.03	0.001	0.005	0.010	0.01	0.01	14	0.2	28	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.019	0.001	0.001	0.005	0.06	0.0001
0.001	0.4	0.05	0.001	0.005	0.020	0.05	0.01	5	0.3	22	1	0.03	0.001	0.0001	0.001	0.001	0.001	0.051	0.001	0.001	0.005	0.09	0.0001
0.001	0.2	0.07	0.001	0.005	0.030	0.01	0.02	9	0.2	16	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.03	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.06	0.001	0.005	0.040	0.04	0.01	5	0.1	56	1	0.02	0.001	0.0001	0.001	0.001	0.001	0.046	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.03	0.001	0.005	0.020	0.1	0.01	9	0.1	22	5	0.16	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.009	0.18	0.0001
0.001	0.1	0.01	0.001	0.005	0.020	0.03	0.01	5	0.1	18	2	0.04	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.05	0.0001
0.001	3.2	0.02	0.001	0.006	0.020	2.66	0.01	14	0.5	46	1	0.03	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.01	0.05	0.0001
0.001	0.1	0.04	0.001	0.005	0.020	0.01	0.01	12	0.1	20	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.05	0.0001
0.001	0.2	0.04	0.001	0.021	0.010	0.01	0.01	14	0.2	31	1	0.05	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.08	0.0001
0.001	0.2	0.02	0.001	0.005	0.010	0.01	0.01	12	0.2	57	1	0.03	0.001	0.0001	0.001	0.001	0.001	0.008	0.001	0.001	0.005	0.05	0.0001
0.001	1.1	0.01	0.001	0.005	0.010	0.86	0.01	14	0.2	24	1	0.09	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.022	0.14	0.0001
0.001	0.7	0.01	0.001	0.127	0.050	0.33	0.01	14	0.4	31	1	0.02	0.001	0.0001	0.001	0.001	0.001	0.015	0.001	0.001	0.087	0.08	0.0001
0.001	0.3	0.01	0.001	0.005	0.050	0.02	0.01	14	0.3	28	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.05	0.0001
0.001	0.5	0.01	0.001	0.005	0.030	0.01	0.01	14	0.5	32	4	0.03	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.005	0.05	0.0001
0.001	0.1	0.01	0.001	0.005	0.030	0.04	0.01	2	0.1	40	1	0.03	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.005	0.05	0.0001
0.001	0.3	0.01	0.001	0.005	0.010	0.04	0.01	2	0.3	22	1	0.1	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.008	0.12	0.0001
0.001	0.2	0.01	0.001	0.005	0.060	0.2	0.01	5	0.2	30	1	0.09	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.09	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Parameter		Sheen/ oil/ grease	Temp. (°C)	Dissolved Oxygen (DO %)	DO (ppm)	Specific EC (SPC uS/cm)	EC (uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Dissolved Al (mg/L)	Dissolved As (mg/L)	Dissolved Cd (mg/L)	Dissolved Cr (mg/L)	Dissolved Cu (mg/L)	Cyanide (mg/L)	Dissolved Fe (mg/L)	Dissolved Pb (mg/L)	Dissolved Mn (mg/L)	Dissolved Hg (mg/L)
YORKERS CREEK CATCHMENT																				
DGV		No	-	90-110	-	30-350	30-350	6.5-8	-	2-25	0.027	0.0008	0.0006	0.00001	0.001	0.004	0.3	0.001	1.2	0.00006
LOR										0.1	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001
Dec - May SSGV				89.6	8.35	31	24	6.79	94.6	9	0.36	0.003	0.00002	0.00001	0.002	0.002	0.41	0.001	0.005	0.00003
June - Nov SSGV				88.7	10.2	27.9	20.5	6.61	106.1	7.87	0.32	0.0003	0.00002	0.00001	0.0002	0.002	0.23	0.001	0.003	0.00003
YK-RS	Mar-24	Yes	16.3	82.5	8.09	31.5	26.2	6.69	64.5	12.24	0.6	0.00015	0.00001	0.000005	0.001	0.001	0.66	0.002	0.013	0.000015
	Apr-24	No	6.8	80.7	-	36.5	-	7.04	-	17.27	0.10	0.0001	0.0001	0.001	0.001	0.002	0.12	0.001	0.014	0.0001
	May-24	No	4.2	85.1	-	34.7	-	6.62	-	0.3	0.10	0.001	0.0001	0.001	0.001	0.004	0.17	0.001	0.026	0.0001
	Jun-24	No	3.5	84.2	-	30.1	-	7.99	-	26.48	0.09	0.001	0.0001	0.001	0.001	0.002	0.18	0.001	0.021	0.0001
	Jul-24	No	2.9	83.1	-	27.8	-	7.40	-	7.97	0.19	0.001	0.0001	0.001	0.001	0.002	0.21	0.001	0.010	0.0001
	Aug-24	No	7.3	82.7	-	21.6	-	6.89	-	19.36	0.33	0.001	0.0001	0.001	0.001	0.002	0.29	0.001	0.017	0.0001
	Sep-24	No	12.3	86.5	-	19.5	-	7.58	-	15.51	0.09	0.001	0.0001	0.001	0.001	0.002	0.16	0.001	0.013	0.0001
	Oct-24	No	18.3	87.8	-	21.8	-	7.55	-	17.9	0.14	0.001	0.0001	0.001	0.001	0.002	0.15	0.001	0.013	0.0001
	Nov-24	No	19.3	84.8	9	30	30	6.68	259	13.8	0.06	0.001	0.0001	0.001	0.001	0.002	0.12	0.001	0.014	0.0001
	Dec-24	No	22.9	82.6	8.3	18.7	31	7.52	238	19	0.13	0.001	0.0001	0.001	0.001	0.002	0.16	0.001	0.024	0.0001
	Jan-25	No	17.4	72.5	8.8	24.5	40	7.26	209	15.77	0.08	0.001	0.0001	0.001	0.001	0.002	0.15	0.001	0.015	0.0001
	Feb-25	Yes	22.8	76.3	8.9	8.6	38	7.09	174	21.19	0.18	0.001	0.0001	0.001	0.001	0.002	0.32	0.001	0.009	0.0001
	Mar-25	No	17.4	81.4	9.3	9.7	43	7.46	170	20.65	0.45	0.001	0.0001	0.001	0.001	0.002	0.3	0.001	0.009	0.0001
	Apr-25	No	11.0	77.6	10.2	8.6	39	7.64	148	15.23	0.12	0.001	0.0001	0.001	0.001	0.002	0.17	0.001	0.004	0.0001
	May-25	Yes	4.2	83.9	-	9.1	5.5	7.73	116.9	11.81	0.08	0.001	0.0001	0.001	0.001	0.002	0.14	0.001	0.004	0.0001
	Jun-25	No	5.4	83.0	-	7.8	4.9	8.24	114.3	14.6	0.19	0.001	0.0001	0.001	0.001	0.002	0.31	0.001	0.016	0.0001
	Jul-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Aug-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sep-25	No	6.6	85.4	-	28.2	18.3	6.80	112.7	16.12	0.1	0.001	0.0001	0.001	0.001	0.002	0.15	0.001	0.011	0.0001
	Oct-25	No	9.9	40.7	-	38.9	27.3	6.80	134.9	10.07	0.14	0.001	0.0001	0.001	0.001	0.002	0.57	0.001	0.025	0.0001
	Nov-25	No	20.1	74.5	-	43.9	39.8	6.88	164.7	14.8	0.16	0.001	0.0001	0.001	0.001	0.002	0.25	0.001	0.015	0.0001
	Dec-25	No	11.1	58.9	-	55.2	40.5	6.84	151.7	32.56	0.26	0.001	0.0001	0.001	0.001	0.002	1.04	0.001	0.132	0.0001
	Jan-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mar-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Apr-26	No	7.7	63.9	-	41.3	27.7	7.11	125.5	21.11	1.0	0.001	0.0001	0.001	0.001	0.002	0.43	0.001	0.01	0.0001
	May-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jun-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Jul-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Dissolved Ni (mg/L)	TN (mg/L)	TP (mg/L)	Dissolved Ag (mg/L)	Dissolved Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides (mg/L)	Reactive Phosphorous (mg/L)	Total Hardness (mg/L) (CaCO3)	Total Kjeda hl Nitrogen (mg/L) (TKN)	TDS (mg/L)	TSS (mg/L)	Total Al (mg/L)	Total As (mg/L)	Total Cd (mg/L)	Total Cr (mg/L)	Total Cu (mg/L)	Total Pb (mg/L)	Total Mn (mg/L)	Total Ni (mg/L)	Total Ag (mg/L)	Total Zn (mg/L)	Total Fe (mg/L)	Total Hg (mg/L)
0.008	0.25	0.02	0.00002	0.0024	0.013	0.015	0.015	-	-	-	0.2	0.027	0.0008	0.0006	0.00001	0.001	0.001	1.2	0.008	0.00002	0.0024	0.3	0.00006
0.001	0.1	0.01	0.001	0.005	0.010	0.010	0.01	1	0.1	10	1	0.01	0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.05	0.0001
0.001	0.2	0.02	0.00002	0.002	0.013	0.015	0.02	1	0.1	30	3												
0.001	0.2	0.02	0.00002	0.002	0.013	0.015	0.02	7	0.2	10	0.2												
0.0005	0.1	0.03	0.00001	0.003	0.050	0.05	0.005	1	0.1	30	3												
0.001	0.6	0.04	0.001	0.013	0.020	0.02	-	9	0.02	-	24	0.15	0.001	0.0001	0.001	0.007	0.001	0.021	0.006	0.001	0.016	0.46	0.0001
0.001	0.3	0.04	0.001	0.005	0.030	0.02	0.01	9	0.3	37	5	0.10	0.001	0.0001	0.001	0.001	0.001	0.027	0.001	0.001	0.005	0.34	0.0001
0.001	0.4	0.04	0.001	0.005	0.020	0.02	0.03	9	0.4	21	15	0.23	0.001	0.0001	0.001	0.001	0.001	0.032	0.001	0.001	0.005	0.50	0.0001
0.001	0.4	0.04	0.001	0.007	0.010	0.05	0.01	9	0.4	41	7	0.59	0.001	0.0001	0.001	0.001	0.001	0.017	0.001	0.001	0.005	0.53	0.0001
0.001	0.9	0.07	0.001	0.012	0.010	0.01	0.01	9	0.9	34	19	1.82	0.001	0.0001	0.003	0.001	0.001	0.076	0.001	0.001	0.005	1.77	0.0001
0.001	0.2	0.05	0.001	0.010	0.010	0.04	0.01	9	0.2	28	19	0.28	0.001	0.0001	0.001	0.001	0.001	0.023	0.001	0.001	0.005	0.52	0.0001
0.001	0.2	0.03	0.001	0.005	0.010	0.05	0.01	5	0.2	21	22	0.24	0.001	0.0001	0.001	0.001	0.001	0.02	0.001	0.001	0.005	0.45	0.0001
0.001	0.1	0.04	0.001	0.008	0.020	0.03	0.01	9	0.1	46	30	1.29	0.001	0.0001	0.002	0.001	0.001	0.032	0.001	0.001	0.005	1.05	0.0001
0.001	0.3	0.04	0.001	0.005	0.010	0.04	0.01	9	0.3	40	22	0.22	0.001	0.0001	0.001	0.001	0.001	0.031	0.001	0.001	0.005	0.51	0.0001
0.001	0.7	0.05	0.001	0.005	0.080	0.06	0.01	12	0.6	62	27	0.43	0.001	0.0001	0.001	0.001	0.001	0.038	0.001	0.001	0.005	0.96	0.0001
0.001	0.6	0.07	0.001	0.005	0.040	0.01	0.01	9	0.6	58	12	0.4	0.001	0.0001	0.001	0.001	0.001	0.017	0.001	0.001	0.007	0.77	0.0001
0.001	0.4	0.06	0.001	0.005	0.020	0.01	0.01	16	0.4	28	20	0.39	0.001	0.0001	0.001	0.001	0.001	0.015	0.001	0.001	0.005	0.7	0.0001
0.001	0.2	0.01	0.001	0.005	0.040	0.01	0.01	16	0.2	30	8	0.78	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.74	0.0001
0.001	0.3	0.02	0.001	0.005	0.010	0.18	0.01	16	0.1	33	4	0.52	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.63	0.0001
0.001	0.6	0.09	0.001	0.005	0.010	0.02	0.01	9	0.6	90	30	1.07	0.001	0.0001	0.002	0.001	0.001	0.023	0.001	0.001	0.005	0.88	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.3	0.05	0.001	0.005	0.010	0.01	0.01	9	0.3	50	3	0.25	0.001	0.0001	0.001	0.001	0.001	0.013	0.001	0.001	0.005	0.27	0.0001
0.001	0.2	0.04	0.001	0.005	0.010	0.01	0.01	9	0.2	21	7	0.6	0.001	0.0001	0.001	0.001	0.001	0.025	0.001	0.001	0.005	0.57	0.0001
0.001	0.3	0.01	0.001	0.005	0.010	0.01	0.01	9	0.3	42	9	0.94	0.001	0.0001	0.002	0.001	0.001	0.03	0.001	0.001	0.005	0.87	0.0001
0.001	0.9	0.09	0.001	0.024	0.060	0.04	0.01	16	0.9	85	61	1.36	0.001	0.0001	0.002	0.002	0.001	0.161	0.002	0.001	0.017	2.43	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.7	0.03	0.001	0.005	0.050	0.01	0.01	12	0.7	64	10	2.01	0.001	0.0001	0.001	0.001	0.001	0.013	0.001	0.001	0.005	0.5	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

		Sheen/ oil/ grease	Temp. (°C)	Dissolved Oxygen (DO %)	DO (ppm)	Specific EC (SPC uS/cm)	EC (uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Dissolved Al (mg/L)	Dissolved As (mg/L)	Dissolved Cd (mg/L)	Dissolved Cr (mg/L)	Dissolved Cu (mg/L)	Cyanide (mg/L)	Dissolved Fe (mg/L)	Dissolved Pb (mg/L)	Dissolved Mn (mg/L)	Dissolved Hg (mg/L)
Parameter																				
YK-IS (D/S)	Mar-24	No	10.0	81.6	9.21	39.1	27.9	7.02	63.2	0.1	0.0065	0.00015	0.00001	0.000005	0.0001	0.001	0.26	0.0005	0.006	0.000015
	Apr-24	No	5.9	86.0	-	39.4	-	7.33	-	221.78	0.05	0.001	0.0001	0.001	0.001	0.002	0.11	0.001	0.014	0.0001
	May-24	No	3.1	85.9	-	39.6	-	6.59	-	0.8	0.09	0.001	0.0001	0.001	0.001	0.004	0.15	0.001	0.021	0.0001
	Jun-24	No	3.2	84.6	-	38.9	-	7.76	-	2.46	0.06	0.001	0.0001	0.001	0.001	0.002	0.1	0.001	0.009	0.0001
	Jul-24	No	3.2	85.0	-	32.8	-	7.11	-	8.29	0.28	0.001	0.0001	0.001	0.001	0.002	0.22	0.001	0.005	0.0001
	Aug-24	No	7.3	84.7	-	23.2	-	6.85	-	22.38	0.51	0.001	0.0001	0.001	0.001	0.002	0.34	0.001	0.011	0.0001
	Sep-24	No	9.3	84.5	-	26.9	-	7.52	-	3.34	0.07	0.001	0.0001	0.001	0.001	0.002	0.1	0.001	0.008	0.0001
	Oct-24	No	11.3	84.0	-	27	-	7.36	-	6.4	0.1	0.001	0.0001	0.001	0.001	0.002	0.12	0.001	0.010	0.0001
	Nov-24	No	13.5	83.3	9.4	38	38	7.17	268	5.5	0.05	0.001	0.0001	0.001	0.001	0.002	0.1	0.001	0.011	0.0001
	Dec-24	No	17.7	82.9	9.2	22.2	550	7.03	463	6.27	0.07	0.001	0.0001	0.001	0.001	0.002	0.1	0.001	0.004	0.0001
	Jan-25	No	16.2	79.2	9.2	28.2	48	7.40	233	2.44	0.04	0.001	0.0001	0.001	0.001	0.002	0.14	0.001	0.013	0.0001
	Feb-25	No	20.5	85.0	9.3	10.4	47	7.09	150	5.32	0.14	0.001	0.0001	0.001	0.001	0.002	0.24	0.001	0.016	0.0001
	Mar-25	No	15.9	89.2	9.6	10.7	48	7.32	152	3.01	0.07	0.001	0.0001	0.001	0.002	0.002	0.21	0.001	0.016	0.0001
	Apr-25	No	12.5	84.0	10.7	11.1	49	7.42	166	2.71	0.04	0.001	0.0001	0.001	0.001	0.002	0.1	0.001	0.018	0.0001
	May-25	No	5.4	85.5	-	10.6	6.6	7.54	111.1	2.84	0.05	0.001	0.0001	0.001	0.001	0.002	0.1	0.001	0.013	0.0001
	Jun-25	No	5.6	83.1	-	8.1	5.1	8.07	114.4	18.14	0.18	0.001	0.0001	0.001	0.001	0.002	0.3	0.001	0.01	0.0001
	Jul-25	No	5.7	81.6	-	6.4	4.1	7.95	170.2	18.25	0.46	0.001	0.0001	0.001	0.001	0.002	0.29	0.001	0.005	0.0001
	Aug-25	No	6.7	89.7	-	10.6	6.9	7.20	253.9	7.77	0.17	0.001	0.0001	0.001	0.001	0.002	0.15	0.001	0.009	0.0001
	Sep-25	No	7.1	87.9	-	35.8	23.5	6.10	115.3	4.58	0.6	0.001	0.0001	0.001	0.001	0.002	0.19	0.001	0.01	0.0001
	Oct-25	No	9.9	40.7	-	44.6	31.7	6.93	156.2	4.01	0.08	0.001	0.0001	0.001	0.001	0.002	0.1	0.001	0.008	0.0001
	Nov-25	No	15.5	68.9	-	24.6	20.2	6.96	165.7	4.4	0.09	0.001	0.0001	0.001	0.037	0.002	0.15	0.001	0.011	0.0001
	Dec-25	No	11.8	71.6	-	55.2	40.5	6.84	151.7	32.56	0.1	0.001	0.0001	0.001	0.001	0.002	0.16	0.001	0.011	0.0001
	Jan-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mar-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Apr-26	No	9.0	70.1	-	89.3	62	7.61	119.3	45.04	0.13	0.001	0.0001	0.001	0.001	0.002	0.23	0.001	0.01	0.0001
	May-26	No	9.8	78.0	-	46.6	33.1	7.30	153.2	6.66	0.08	0.001	0.0001	0.001	0.001	0.002	0.12	0.001	0.009	0.0001
	Jun-26	No	7.8	78.3	-	36.1	-	7.78	-	11.8	0.14	0.001	0.0001	0.001	0.001	0.002	0.16	0.001	0.006	0.0001
	Jul-26	No	7.3	79.8	-	31	20.5	7.66	146.3	8.35	0.23	0.001	0.0001	0.001	0.001	0.002	0.15	0.001	0.006	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Dissolved Ni (mg/L)	TN (mg/L)	TP (mg/L)	Dissolved Ag (mg/L)	Dissolved Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides (mg/L)	Reactive Phosphorou s (mg/L)	Total Hardness (mg/L) (CaCO3)	Total Kjeda hl Nitrogen (mg/L) (TKN)	TDS (mg/L)	TSS (mg/L)	Total Al (mg/L)	Total As (mg/L)	Total Cd (mg/L)	Total Cr (mg/L)	Total Cu (mg/L)	Total Pb (mg/L)	Total Mn (mg/L)	Total Ni (mg/L)	Total Ag (mg/L)	Total Zn (mg/L)	Total Fe (mg/L)	Total Hg (mg/L)
0.0005	0.1	0.02	0.00001	0.002	0.050	0.05	0.005	1	0.1	15	0.1												
0.001	0.1	0.02	0.001	0.005	0.010	0.03	-	16	0.03	-	3	0.1	0.001	0.0001	0.001	0.001	0.001	0.016	0.003	0.001	0.006	0.26	0.0001
0.001	0.8	0.04	0.001	0.005	0.010	0.53	0.01	12	0.3	39	9	0.12	0.001	0.0001	0.003	0.001	0.001	0.035	0.002	0.001	0.005	0.61	0.0001
0.001	0.2	0.04	0.001	0.005	0.010	0.01	0.01	12	0.2	25	2	0.48	0.001	0.0001	0.001	0.001	0.001	0.027	0.001	0.001	0.005	0.66	0.0001
0.001	0.6	0.04	0.001	0.007	0.010	0.26	0.01	9	0.3	52	5	0.3	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.005	0.32	0.0001
0.001	0.6	0.04	0.001	0.005	0.010	0.09	0.01	9	0.5	70	17	1.02	0.001	0.0001	0.005	0.001	0.001	0.026	0.001	0.001	0.005	0.89	0.0001
0.001	0.2	0.02	0.001	0.011	0.010	0.01	0.01	12	0.2	29	3	0.16	0.001	0.0001	0.001	0.001	0.001	0.012	0.001	0.001	0.005	0.26	0.0001
0.001	0.3	0.04	0.001	0.009	0.030	0.11	0.01	5	0.2	24	4	0.22	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.005	0.28	0.0001
0.001	0.1	0.04	0.001	0.005	0.010	0.01	0.01	12	0.1	48	8	0.26	0.001	0.0001	0.001	0.001	0.001	0.07	0.001	0.001	0.005	0.41	0.0001
0.001	0.2	0.01	0.001	0.005	0.010	0.02	0.01	12	0.2	124	5	0.13	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.011	0.27	0.0001
0.001	0.2	0.03	0.001	0.005	0.050	0.02	0.01	18	0.2	62	2	0.04	0.001	0.0001	0.001	0.001	0.001	0.013	0.001	0.001	0.005	0.14	0.0001
0.001	0.3	0.04	0.001	0.005	0.020	0.01	0.01	18	0.3	51	1	0.25	0.001	0.0001	0.001	0.001	0.001	0.021	0.001	0.001	0.005	0.45	0.0001
0.001	0.3	0.02	0.001	0.005	0.050	0.09	0.01	18	0.2	43	2	0.06	0.001	0.0001	0.001	0.001	0.001	0.019	0.001	0.001	0.005	0.33	0.0001
0.001	0.2	0.02	0.001	0.005	0.030	0.01	0.01	18	0.2	39	1	0.08	0.001	0.0001	0.001	0.001	0.001	0.02	0.001	0.001	0.005	0.26	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	18	0.1	36	1	0.17	0.001	0.0001	0.001	0.001	0.001	0.033	0.001	0.001	0.005	0.44	0.0001
0.001	0.4	0.04	0.001	0.005	0.010	0.01	0.01	12	0.4	89	5	0.24	0.001	0.0001	0.001	0.001	0.001	0.015	0.001	0.001	0.005	0.46	0.0001
0.001	0.2	0.04	0.001	0.005	0.010	0.03	0.01	5	0.2	55	6	0.67	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.48	0.0001
0.001	0.2	0.06	0.001	0.005	0.060	0.14	0.01	16	0.14	27	2	0.61	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.18	0.0001
0.001	0.2	0.04	0.001	0.014	0.010	0.02	0.01	12	0.2	48	2	0.12	0.001	0.0001	0.001	0.001	0.001	0.01	0.001	0.001	0.007	0.19	0.0001
0.001	0.1	0.02	0.001	0.005	0.020	0.01	0.01	12	0.1	22	2	0.27	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.005	0.27	0.0001
0.001	0.4	0.01	0.001	0.023	0.010	0.09	0.01	12	0.3	40	2	0.27	0.001	0.0001	0.001	0.061	0.003	0.013	0.001	0.001	0.033	0.33	0.0001
0.001	0.3	0.078	0.001	0.007	0.060	0.01	0.01	12	0.3	76	8	0.37	0.001	0.0001	0.001	0.001	0.001	0.015	0.001	0.001	0.006	0.43	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.7	0.11	0.001	0.005	0.030	0.01	0.02	18	0.7	61	4	1.27	0.001	0.0001	0.002	0.001	0.001	0.016	0.001	0.001	0.005	0.87	0.0001
0.001	0.1	0.01	0.001	0.005	0.010	0.01	0.01	16	0.1	64	2	0.1	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.21	0.0001
0.001	0.3	0.01	0.001	0.005	0.020	0.01	0.01	9	0.3	50	1	1	0.001	0.0001	0.002	0.001	0.001	0.01	0.001	0.001	0.005	0.6	0.0001
0.001	0.4	0.01	0.001	0.005	0.010	0.4	0.01	5	0.4	47	2	0.85	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.46	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

		Sheen/ oil/ grease	Temp. (°C)	Dissolved Oxygen (DO %)	DO (ppm)	Specific EC (SPC uS/cm)	EC (uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Dissolved Al (mg/L)	Dissolved As (mg/L)	Dissolved Cd (mg/L)	Dissolved Cr (mg/L)	Dissolved Cu (mg/L)	Cyanide (mg/L)	Dissolved Fe (mg/L)	Dissolved Pb (mg/L)	Dissolved Mn (mg/L)	Dissolved Hg (mg/L)
Parameter																				
NZG-IS	Mar-24	No	9.6	80.2	9.13	64.2	45.3	7.45	31.1	0.1	0.14	0.00015	0.00001	0.000005	0.0001	0.001	0.18	0.0005	0.004	0.000015
	Apr-24	No	6.4	84.9	-	67.1	-	7.38	-	0.96	0.03	0.0001	0.0001	0.001	0.001	0.002	0.08	0.001	0.006	0.0001
	May-24	No	3.9	85.8	-	66.6	-	6.68	-	0.2	0.04	0.001	0.0001	0.001	0.001	0.004	0.07	0.001	0.007	0.0001
	Jun-24	No	4.4	82.7	-	64.1	-	8.14	-	0.89	0.04	0.001	0.0001	0.001	0.001	0.002	0.07	0.001	0.005	0.0001
	Jul-24	No	3.7	83.9	-	34.8	-	7.44	-	13.66	0.2	0.001	0.0001	0.001	0.001	0.002	0.18	0.001	0.004	0.0001
	Aug-24	No	7.7	84.4	-	28.9	-	6.95	-	15.47	0.44	0.001	0.0001	0.001	0.001	0.002	0.31	0.001	0.008	0.0001
	Sep-24	No	8.2	84.6	-	38.2	-	7.32	-	2.02	0.06	0.001	0.0001	0.001	0.001	0.002	0.08	0.001	0.004	0.0001
	Oct-24	No	11.1	84.5	-	39.6	-	7.47	-	5.3	0.08	0.001	0.0001	0.001	0.001	0.002	0.11	0.001	0.008	0.0001
	Nov-24	No	12.4	82.2	9.6	32.4	57	7.29	276	1.4	0.04	0.001	0.0001	0.001	0.001	0.002	0.06	0.001	0.005	0.0001
	Dec-24	No	17.3	84.8	9.2	32.8	52	7.30	304	3.79	0.04	0.001	0.0001	0.001	0.001	0.002	0.06	0.001	0.001	0.0001
	Jan-25	No	13.6	75.2	9.3	42.7	72	7.40	208	4.83	0.02	0.001	0.0001	0.001	0.001	0.005	0.05	0.001	0.004	0.0001
	Feb-25	No	19.0	87.1	9.3	16.6	75	7.42	176	2.72	0.07	0.001	0.0001	0.001	0.001	0.002	0.09	0.001	0.004	0.0001
	Mar-25	No	13.6	84.1	9.6	17.4	78	7.75	165	1.91	0.03	0.001	0.0001	0.001	0.001	0.002	0.07	0.001	0.005	0.0001
	Apr-25	No	9.0	78.4	10.7	16.6	75	8.24	177	2.03	0.05	0.001	0.0001	0.001	0.001	0.002	0.1	0.001	0.007	0.0001
	May-25	No	3.7	80.3	-	16.4	9.7	7.71	117.1	1.78	0.02	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.004	0.0001
	Jun-25	No	5.5	83.5	-	5.1	5.1	8.47	114.1	4.66	0.06	0.001	0.0001	0.001	0.001	0.002	0.14	0.001	0.006	0.0001
	Jul-25	No	5.7	81.2	-	14.8	5.1	7.97	169.7	9.32	0.18	0.001	0.0001	0.001	0.001	0.002	0.15	0.0001	0.003	0.0001
	Aug-25	No	8.8	89.4	-	12.1	8.4	7.10	250.3	23.99	0.12	0.001	0.0001	0.001	0.001	0.002	0.08	0.001	0.004	0.0001
	Sep-25	No	7.2	87.9	-	48.4	31.9	6.80	126.6	2.68	0.04	0.001	0.0001	0.001	0.001	0.002	0.06	0.001	0.004	0.0001
	Oct-25	No	10.1	39.9	-	65.1	46.6	7.06	152.3	3.28	0.08	0.001	0.0001	0.001	0.001	0.002	0.07	0.001	0.004	0.0001
	Nov-25	No	17.5	67.8	-	31.1	26.7	6.71	133.7	1.81	0.08	0.001	0.0002	0.001	0.509	0.002	0.08	0.013	0.006	0.0001
	Dec-25	No	11.5	69.2	-	101.2	75	7.41	142.2	5.55	0.04	0.001	0.0001	0.001	0.001	0.002	0.07	0.001	0.025	0.0001
	Jan-26	No	19.8	83.1	-	81.6	73.4	7.43	154.9	7.56	0.03	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.007	0.0001
	Feb-26	No	12.8	76.8	-	106.0	81.2	8.29	127.9	5.29	0.03	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.008	0.0001
	Mar-26	No	13.3	75.8	-	110.9	86.2	7.34	148	2.05	0.04	0.001	0.0001	0.001	0.001	0.002	0.09	0.001	0.007	0.0001
	Apr-26	No	8.9	70.1	-	76.9	53.2	7.18	143	3.52	0.05	0.001	0.0001	0.001	0.001	0.002	0.1	0.001	0.005	0.0001
	May-26	No	8.8	75.1	-	71.6	49.5	7.18	150	3.6	0.07	0.001	0.0001	0.001	0.001	0.002	0.11	0.001	0.007	0.0001
	Jun-26	No	6.7	79.4	-	52.7	-	7.40	-	8.54	0.09	0.001	0.0001	0.001	0.001	0.002	0.13	0.001	0.005	0.0001
	Jul-26	No	6.5	78.1	-	38.5	24.9	7.38	154.3	7.54	0.17	0.001	0.0001	0.001	0.001	0.002	0.13	0.001	0.003	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Dissolved Ni (mg/L)	TN (mg/L)	TP (mg/L)	Dissolved Ag (mg/L)	Dissolved Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides (mg/L)	Reactive Phosphorou s (mg/L)	Total Hardness (mg/L) (CaCO3)	Total Kjeda hl Nitrogen (mg/L) (TKN)	TDS (mg/L)	TSS (mg/L)	Total Al (mg/L)	Total As (mg/L)	Total Cd (mg/L)	Total Cr (mg/L)	Total Cu (mg/L)	Total Pb (mg/L)	Total Mn (mg/L)	Total Ni (mg/L)	Total Ag (mg/L)	Total Zn (mg/L)	Total Fe (mg/L)	Total Hg (mg/L)
0.0005	0.1	0.01	0.00001	0.002	0.050	0.05	0.005	10	0.1	22	0.1												
0.001	0.1	0.02	0.001	0.005	0.010	0.01	-	23	0.01	-	6	0.04	0.001	0.0001	0.001	0.001	0.001	0.012	0.001	0.001	0.005	0.24	0.0001
0.001	0.2	0.06	0.001	0.007	0.010	0.03	0.01	23	0.2	60	5	0.06	0.001	0.0001	0.001	0.001	0.001	0.021	0.001	0.001	0.005	0.35	0.0001
0.001	0.2	0.01	0.001	0.005	0.010	0.01	0.01	23	0.2	38	20	0.12	0.001	0.0001	0.001	0.001	0.001	0.037	0.001	0.001	0.005	0.67	0.0001
0.001	0.2	0.04	0.001	0.005	0.010	0.04	0.01	12	0.2	52	8	0.22	0.001	0.0001	0.001	0.001	0.001	0.009	0.001	0.001	0.005	0.26	0.0001
0.001	0.4	0.04	0.001	0.005	0.010	0.01	0.01	12	0.4	44	19	0.92	0.001	0.0001	0.001	0.001	0.001	0.023	0.001	0.001	0.005	0.85	0.0001
0.001	0.1	0.04	0.001	0.005	0.010	0.01	0.01	21	0.1	41	3	0.07	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.15	0.0001
0.001	0.3	0.03	0.001	0.005	0.020	0.07	0.01	12	0.2	26	3	0.17	0.001	0.0001	0.001	0.001	0.001	0.01	0.002	0.001	0.005	0.27	0.0001
0.001	0.1	0.04	0.001	0.005	0.010	0.01	0.01	21	0.1	60	1	0.11	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.14	0.0001
0.001	0.2	0.01	0.001	0.005	0.010	0.01	0.01	21	0.2	50	1	0.09	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.16	0.0001
0.001	0.4	0.02	0.001	0.005	0.070	0.4	0.01	26	0.4	74	4	0.06	0.001	0.0001	0.001	0.001	0.001	0.008	0.001	0.001	0.005	0.16	0.0001
0.001	0.2	0.04	0.001	0.005	0.030	0.01	0.01	30	0.2	64	2	0.07	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.14	0.0001
0.001	0.2	0.02	0.001	0.005	0.010	0.17	0.02	32	0.1	66	2	0.11	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.18	0.0001
0.001	0.2	0.04	0.001	0.005	0.020	0.01	0.01	30	0.2	58	1	0.04	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.12	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.01	0.02	30	0.1	54	1	0.11	0.001	0.0001	0.001	0.005	0.001	0.008	0.001	0.001	0.011	0.16	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.01	0.01	23	0.1	85	1	0.14	0.001	0.0001	0.001	0.001	0.001	0.005	0.001	0.001	0.005	0.18	0.0001
0.001	0.2	0.03	0.001	0.005	0.020	0.01	0.01	12	0.2	31	4	0.21	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.21	0.0001
0.001	0.1	0.05	0.001	0.005	0.010	0.01	0.01	21	0.1	43	1	0.2	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.17	0.0001
0.001	0.2	0.03	0.001	0.005	0.010	0.01	0.01	18	0.2	57	1	0.16	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.18	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.01	0.01	21	0.1	28	3	0.15	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.17	0.0001
0.001	0.2	0.02	0.001	0.235	0.010	0.01	0.01	23	0.2	57	1	0.13	0.001	0.0001	0.001	0.001	0.0001	0.008	0.001	0.0001	0.005	0.18	0.0001
0.001	0.3	0.07	0.001	0.005	0.010	0.01	0.01	23	0.3	84	42	0.43	0.001	0.0001	0.001	0.001	0.001	0.025	0.001	0.001	0.005	0.68	0.0001
0.001	0.03	0.04	0.001	0.005	0.010	0.03	0.01	26	0.2	47	18	0.33	0.001	0.0001	0.001	0.001	0.001	0.021	0.001	0.001	0.01	0.47	0.0001
0.001	0.4	0.02	0.001	0.031	0.260	0.1	0.01	32	0.3	56	1	0.05	0.001	0.0001	0.001	0.001	0.001	0.012	0.001	0.001	0.023	0.11	0.0001
0.001	0.2	0.03	0.001	0.005	0.010	0.02	0.02	32	0.2	65	1	0.08	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.005	0.18	0.0001
0.001	0.4	0.04	0.001	0.005	0.020	0.01	0.01	30	0.4	60	1	0.14	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.2	0.0001
0.001	0.1	0.01	0.001	0.005	0.040	0.01	0.01	30	0.1	84	2	0.07	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.12	0.0001
0.001	0.3	0.01	0.001	0.005	0.040	0.01	0.01	18	0.3	57	1	0.11	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.18	0.0001
0.001	0.2	0.01	0.001	0.005	0.020	0.01	0.01	12	0.2	50	1	0.38	0.001	0.0001	0.001	0.001	0.001	0.007	0.001	0.001	0.005	0.28	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

		Sheen/ oil/ grease	Temp. (°C)	Dissolved Oxygen (DO %)	DO (ppm)	Specific EC (SPC uS/cm)	EC (uS/cm)	pH	Redox (mV)	Turbidity (NTU)	Dissolved Al (mg/L)	Dissolved As (mg/L)	Dissolved Cd (mg/L)	Dissolved Cr (mg/L)	Dissolved Cu (mg/L)	Cyanide (mg/L)	Dissolved Fe (mg/L)	Dissolved Pb (mg/L)	Dissolved Mn (mg/L)	Dissolved Hg (mg/L)
Parameter																				
YK-IS	Mar-24	No	11.4	78.0	8.53	35	25.9	6.70	41.1	21.44	0.45	0.00015	0.00001	0.000005	0.001	0.001	0.4	0.0005	0.018	0.000015
	Apr-24	No	6.8	80.7	-	36.5	-	7.04	-	12.37	0.09	0.001	0.0001	0.001	0.001	0.002	0.15	0.001	0.016	0.0001
	May-24	No	4.7	82.7	-	35.8	-	6.43	-	0.2	0.06	0.001	0.0001	0.001	0.001	0.004	0.1	0.001	0.015	0.0001
	Jun-24	No	3.9	83.1	-	35.1	-	7.88	-	7.99	0.08	0.001	0.0001	0.001	0.001	0.002	0.15	0.001	0.010	0.0001
	Jul-24	No	3.2	82.8	-	32.5	-	7.00	-	11.9	0.31	0.001	0.0001	0.001	0.001	0.002	0.25	0.001	0.008	0.0001
	Aug-24	No	7.2	81.3	-	23.5	-	6.70	-	25.12	0.67	0.001	0.0001	0.001	0.001	0.002	0.46	0.001	0.015	0.0001
	Sep-24	No	9.3	83.4	-	23.8	-	7.41	-	6.24	0.09	0.001	0.0001	0.001	0.001	0.002	0.13	0.001	0.009	0.0001
	Oct-24	No	13.7	86.3	-	23.7	-	7.83	-	3.1	0.07	0.001	0.0001	0.001	0.001	0.002	0.06	0.001	0.004	0.0001
	Nov-24	No	14.7	83.3	9.3	27.7	32	7.17	279	4.6	0.06	0.001	0.0001	0.001	0.001	0.002	0.12	0.001	0.016	0.0001
	Dec-24	No	18.4	80.2	8.7	21.4	35	7.15	256	10.86	0.08	0.001	0.0001	0.001	0.001	0.002	0.16	0.001	0.017	0.0001
	Jan-25	No	16.1	69.0	8.7	25.7	43	7.09	232	1.98	0.01	0.001	0.0001	0.001	0.001	0.002	0.12	0.001	0.051	0.0001
	Feb-25	No	21.0	73.5	8.8	9.1	40	6.61	175	9.85	0.46	0.001	0.0001	0.001	0.001	0.002	0.46	0.001	0.036	0.0001
	Mar-25	No	17.6	71.4	8.8	10.5	45	6.77	161	13.54	0.02	0.001	0.0001	0.001	0.001	0.002	0.19	0.001	0.059	0.0001
	Apr-25	Yes	11.9	65.4	9.7	10.9	49	6.93	183	7.27	0.07	0.001	0.0001	0.001	0.001	0.002	0.19	0.001	0.036	0.0001
	May-25	No	4.9	70.3	-	9.7	6	7.21	15.8	5.62	0.08	0.001	0.0001	0.001	0.001	0.002	0.18	0.001	0.021	0.0001
	Jun-25	No	5.9	84.9	-	8.9	5.6	8.07	110.3	13.6	0.14	0.001	0.0001	0.001	0.001	0.002	0.25	0.001	0.01	0.0001
	Jul-25	No	5.7	81.2	-	7.9	5	7.97	169.7	9.32	0.26	0.001	0.0001	0.001	0.001	0.002	0.2	0.001	0.004	0.0001
	Aug-25	No	6.3	84.1	-	12.2	7.8	7.90	252.8	8.58	0.18	0.001	0.0001	0.001	0.001	0.002	0.14	0.001	0.006	0.0001
	Sep-25	No	7.0	84.2	-	30.6	20.1	7.00	122.5	7.52	0.1	0.001	0.0001	0.001	0.001	0.002	0.12	0.001	0.006	0.0001
	Oct-25	No	11.0	41.0	-	39.1	28.6	6.61	151.6	5.67	0.13	0.001	0.0001	0.001	0.001	0.002	0.14	0.001	0.009	0.0001
	Nov-25	No	17.2	67.7	-	15.7	N/A	6.18	N/A	6.52	0.3	0.001	0.0001	0.001	0.154	0.002	0.23	0.002	0.017	0.0001
	Dec-25	No	17.2	67.7	-	15.7	35.8	6.90	143.9	8.09	0.14	0.001	0.0001	0.001	0.001	0.002	0.23	0.001	0.025	0.0001
	Jan-26	Yes	24.1	78.8	-	53.6	52.7	6.69	159.5	21.63	0.09	0.001	0.0001	0.001	0.001	0.002	0.34	0.001	0.087	0.0001
	Feb-26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mar-26	No	13.4	55.9	-	51.9	40.4	6.37	182.8	13.04	0.14	0.001	0.0001	0.001	0.001	0.002	0.54	0.001	0.057	0.0001
	Apr-26	No	8.3	66.6	-	38.5	26.2	6.76	129.2	15.33	0.17	0.001	0.0001	0.001	0.001	0.002	0.32	0.001	0.013	0.0001
	May-26	No	11.1	76.1	-	38.6	28.4	6.98	146.1	9.6	0.11	0.001	0.0001	0.001	0.001	0.002	0.18	0.001	0.01	0.0001
	Jun-26	No	6.8	77.5	-	30.7	-	7.60	-	12.02	0.16	0.001	0.0001	0.001	0.001	0.002	0.18	0.001	0.006	0.0001
	Jul-26	No	6.4	77.1	-	27.4	27.4	7.47	149.7	9.89	0.19	0.001	0.0001	0.001	0.001	0.002	0.14	0.001	0.003	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Dissolved Ni (mg/L)	TN (mg/L)	TP (mg/L)	Dissolved Ag (mg/L)	Dissolved Zn (mg/L)	Ammonia (mg/L)	Nitrogen Oxides (mg/L)	Reactive Phosphorou s (mg/L)	Total Hardness (mg/L) (CaCO3)	Total Kjeda hl Nitrogen (mg/L) (TKN)	TDS (mg/L)	TSS (mg/L)	Total Al (mg/L)	Total As (mg/L)	Total Cd (mg/L)	Total Cr (mg/L)	Total Cu (mg/L)	Total Pb (mg/L)	Total Mn (mg/L)	Total Ni (mg/L)	Total Ag (mg/L)	Total Zn (mg/L)	Total Fe (mg/L)	Total Hg (mg/L)
0.0005	0.1	0.01	0.00001	0.004	0.050	0.05	0.005	1	0.1	21	1												
0.001	0.3	0.02	0.001	0.005	0.010	0.06	-	12	0.06	-	13	0.15	0.001	0.0001	0.001	0.001	0.001	0.024	0.001	0.001	0.005	0.52	0.0001
0.001	0.2	0.03	0.001	0.005	0.010	0.05	0.01	12	0.1	48	5	0.04	0.001	0.0001	0.001	0.001	0.001	0.014	0.001	0.001	0.005	0.16	0.0001
0.001	0.3	0.03	0.001	0.005	0.010	0.06	0.01	9	0.2	19	6	0.32	0.001	0.0001	0.001	0.001	0.001	0.014	0.001	0.001	0.005	0.42	0.0001
0.001	0.3	0.07	0.001	0.009	0.010	0.01	0.01	9	0.3	52	7	0.8	0.001	0.0001	0.001	0.001	0.001	0.015	0.001	0.001	0.005	0.62	0.0001
0.002	0.4	0.04	0.001	0.005	0.030	0.01	0.01	9	0.4	62	15	1.22	0.001	0.0001	0.003	0.001	0.001	0.026	0.001	0.001	0.005	0.99	0.0001
0.001	0.2	0.02	0.001	0.005	0.020	0.01	0.01	9	0.2	26	4	0.16	0.001	0.0001	0.001	0.001	0.001	0.012	0.001	0.001	0.005	0.26	0.0001
0.001	0.2	0.06	0.001	0.005	0.010	0.01	0.01	21	0.2	40	4	0.14	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.23	0.0001
0.001	0.1	0.04	0.001	0.01	0.010	0.01	0.01	9	0.1	42	3	0.31	0.001	0.0001	0.001	0.001	0.001	0.022	0.001	0.001	0.005	0.39	0.0001
0.001	0.2	0.03	0.001	0.005	0.020	0.02	0.01	12	0.2	40	6	0.59	0.001	0.0001	0.001	0.001	0.001	0.026	0.001	0.001	0.005	0.55	0.0001
0.001	0.2	0.02	0.001	0.008	0.020	0.01	0.02	14	0.2	59	3	0.07	0.001	0.0001	0.001	0.001	0.001	0.055	0.001	0.001	0.005	0.61	0.0001
0.001	0.4	0.07	0.001	0.005	0.020	0.02	0.01	12	0.4	42	5	1.44	0.001	0.0001	0.002	0.001	0.001	0.048	0.001	0.001	0.005	1.31	0.0001
0.001	0.2	0.03	0.001	0.005	0.010	0.01	0.01	7	0.2	41	13	0.25	0.001	0.0001	0.001	0.001	0.001	0.054	0.001	0.001	0.005	0.74	0.0001
0.001	0.2	0.02	0.001	0.005	0.020	0.04	0.01	21	0.2	37	4	0.15	0.001	0.0001	0.001	0.001	0.001	0.095	0.001	0.001	0.005	0.88	0.0001
0.001	0.1	0.03	0.001	0.005	0.010	0.01	0.01	14	0.1	33	1	0.15	0.001	0.0001	0.001	0.001	0.001	0.027	0.001	0.001	0.005	0.58	0.0001
0.001	0.2	0.04	0.001	0.005	0.020	0.01	0.01	12	0.2	90	5	0.26	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.005	0.38	0.0001
0.001	0.3	0.06	0.001	0.005	0.040	0.01	0.01	5	0.3	27	4	0.26	0.001	0.0001	0.001	0.001	0.001	0.004	0.001	0.001	0.005	0.2	0.0001
0.001	0.2	0.03	0.0001	0.005	0.070	0.01	0.01	9	0.2	28	5	0.3	0.001	0.0001	0.001	0.001	0.001	0.008	0.001	0.001	0.005	0.26	0.0001
0.001	0.2	0.04	0.001	0.012	0.030	0.01	0.01	5	0.2	46	1	0.44	0.001	0.0001	0.001	0.001	0.001	0.008	0.001	0.001	0.005	0.33	0.0001
0.001	0.1	0.02	0.001	0.005	0.010	0.01	0.01	9	0.1	19	2	0.38	0.001	0.0001	0.001	0.001	0.001	0.013	0.001	0.001	0.005	0.33	0.0001
0.001	0.2	0.01	0.001	0.085	0.010	0.01	0.01	12	0.2	34	3	0.54	0.001	0.0001	0.001	0.002	0.001	0.019	0.001	0.001	0.006	0.54	0.0001
0.001	0.3	0.03	0.001	0.013	0.010	0.01	0.01	12	0.3	66	7	0.42	0.001	0.0001	0.001	0.001	0.001	0.031	0.001	0.001	0.005	0.64	0.0001
0.001	0.9	0.09	0.001	0.005	0.010	0.26	0.01	14	0.6	29	89	1.19	0.001	0.0001	0.002	0.001	0.001	0.62	0.002	0.001	0.018	2.06	0.0001
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.001	0.5	0.1	0.001	0.005	0.020	0.01	0.01	5	0.5	63	5	1.47	0.001	0.0001	0.002	0.001	0.001	0.087	0.001	0.001	0.213	1.71	0.0001
0.001	0.8	0.06	0.001	0.005	0.070	0.01	0.01	12	0.8	57	3	1.29	0.001	0.0001	0.002	0.001	0.001	0.019	0.001	0.001	0.005	0.88	0.0001
0.001	0.1	0.01	0.001	0.005	0.050	0.01	0.01	12	0.1	68	3	1.05	0.001	0.0001	0.001	0.001	0.001	0.011	0.001	0.001	0.005	0.32	0.0001
0.001	0.2	0.01	0.001	0.005	0.020	0.01	0.01	5	0.2	52	1	0.21	0.001	0.0001	0.001	0.001	0.001	0.008	0.001	0.001	0.005	0.25	0.0001
0.001	0.4	0.01	0.001	0.005	0.060	0.02	0.01	9	0.4	53	1	0.36	0.001	0.0001	0.001	0.001	0.001	0.006	0.001	0.001	0.005	0.24	0.0001

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
<i>italics</i>	Result exceeds the Limit of Reporting

Appendix D: Calibration Certificate



Environment
monitoring
solutions

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CALIBRATION CERTIFICATE - WATER

Invoice No: 17218 Equipment Received: YSI ProDSS

Handheld S/N 23H104391

Cable S/N:

Included Items:

SENSOR CALIBRATION DETAILS

	Pre Calibration	Post Calibration	Accuracy	Pass	Fail
Temp	Factory	Calibrated	+/- 0.2C	☒	☐
pH	4.1	pH 4.00	+/- 0.2	☒	☐
pH	7	pH 7.00	+/- 0.2	☒	☐
ORP	220	225.3mV@24.3	+/- 30mV	☒	☐
Conductivity ☐	12950uS/cm	12900uS/cm	+/- 0.5%	☒	☐
DO ☐	98%	100% @763.3	+/- 2%	☒	☐
Turbidity	0	0 FNU	+/- 0.3 FNU	☒	☐
Turbidity	118	124 FNU	+/- 20 FNU	☒	☐
			+/-	☐	☐
			+/-	☐	☐
			+/-	☐	☐

Findings/ Recommendations /Comments:

- 1/ DO cap and calibration cup seal replaced.
- 2/ Firmware version upgraded.
- 3/ Calibrated.
- 4/

This is to certify that where possible, this instrument has been calibrated in accordance with the manufacturer's calibration procedure as recommended in the instrument service manual.

Regards,

Navid Black



Equipment Specialist
ECO Environmental Holdings

06-Nov-2025

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