SEPTEMBER 2026

MONTHLY CONSTRUCTION WATER QUALITY MONITORING REPORT

September 2026
Project No.: 3200-0645
Project: Transgrid Maragle 500/330 kV Substation
Private & Confidential

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ABBREVIATIONS

Acronym	Full Form
℃	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

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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

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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.

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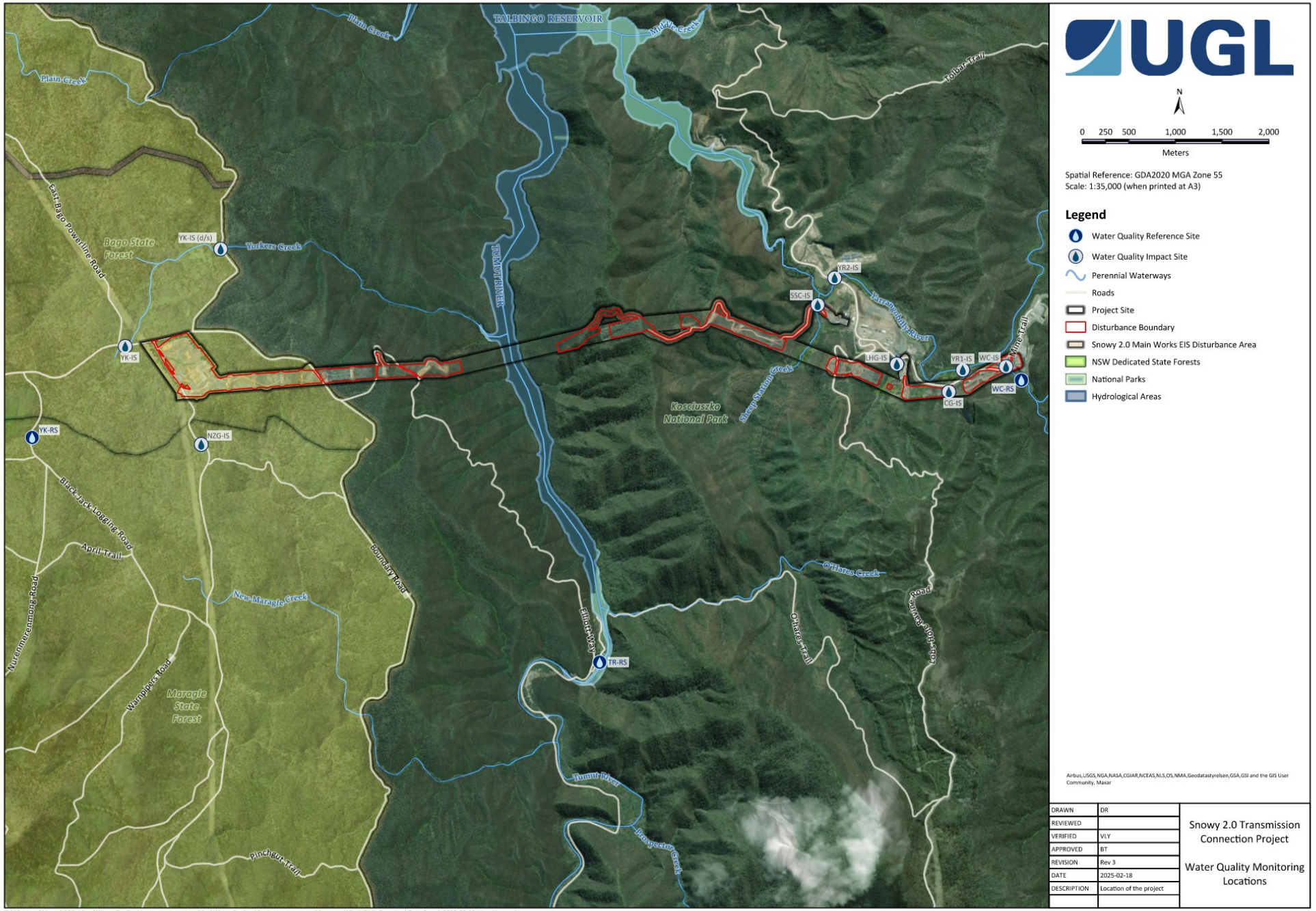


FIGURE 1 LOCALITY OF THE PROJECT AND SWQ MONITORING LOCATIONS

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.

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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

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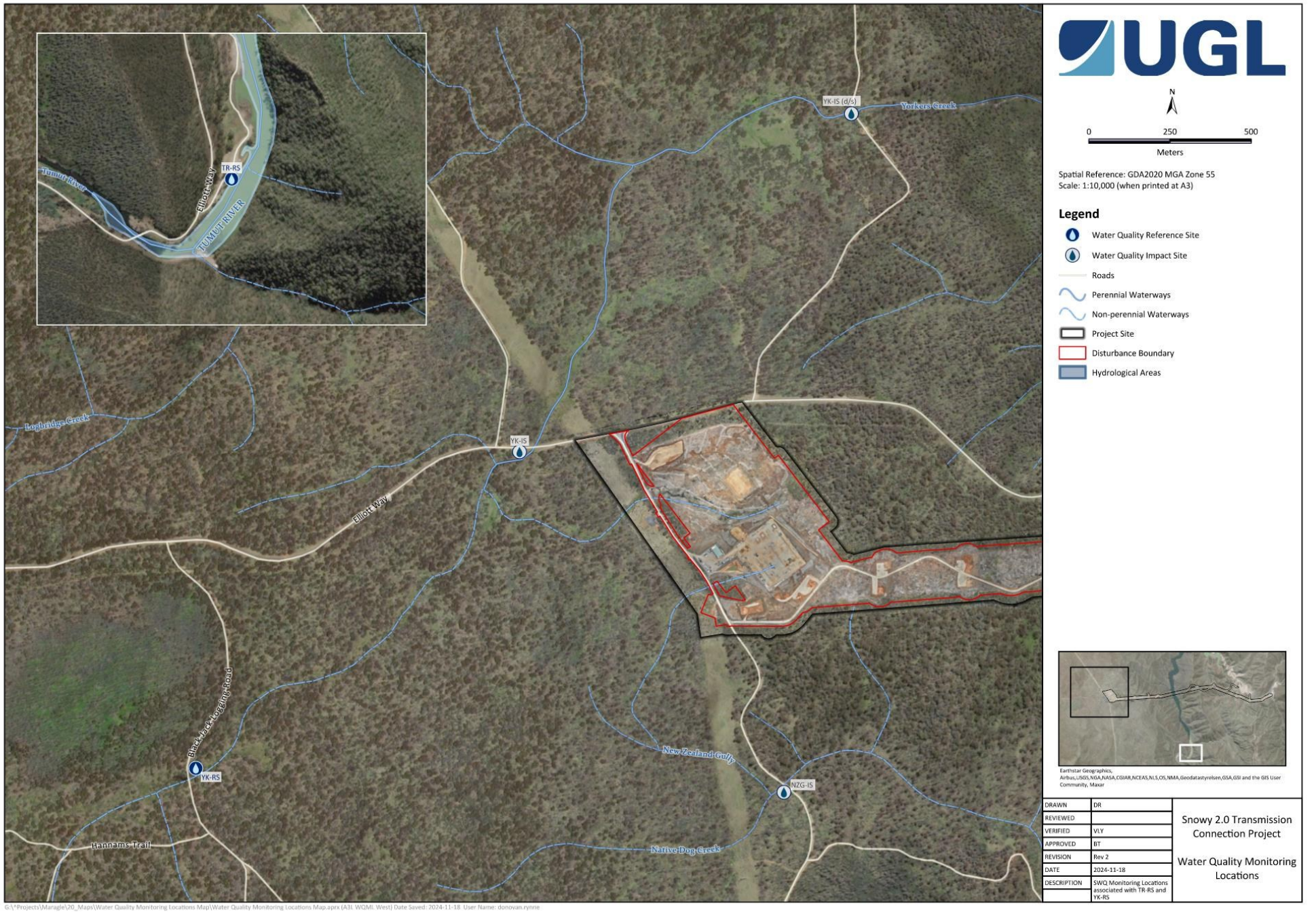


FIGURE 2 WATER QUALITY MONITORING LOCATIONS ASSOCIATED WITH REFERENCE SITE YR-RS AND TR-RS IN RELATION TO THE PROJECT

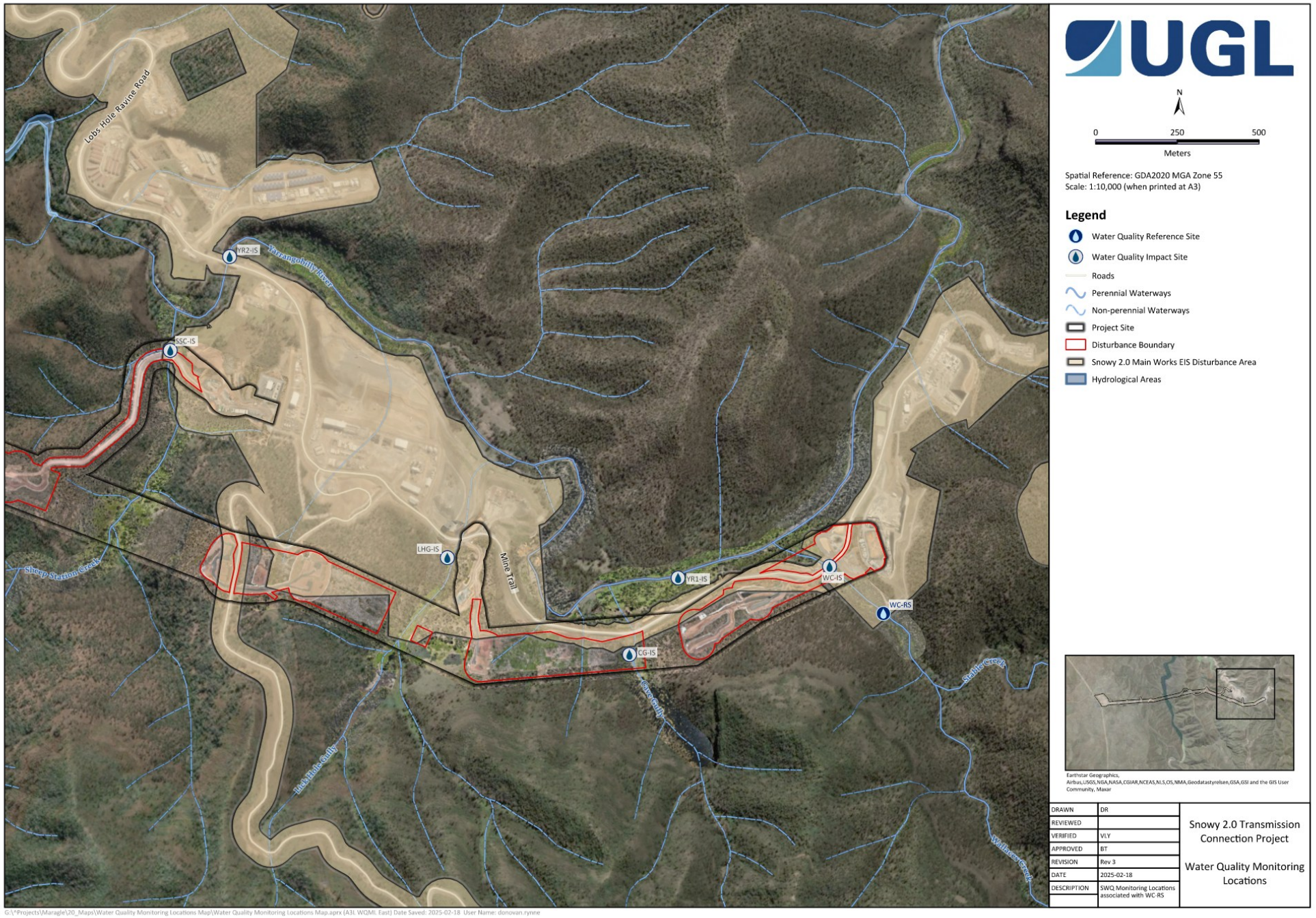


FIGURE 3 WATER QUALITY MONITORING LOCATIONS ASSOCIATED WITH REFERENCE SITE WC-RS IN RELATION TO THE PROJECT

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

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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

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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

** ℃ = 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*

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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).

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5 SEPTEMBER 2026 MONITORING

Sampling was undertaken at all 12 monitoring locations on 06 September 2026.

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

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5.1 Observations

Field observations during sampling are summarised in Table 3.

Table 3 Field observations during sampling

FIELD OBSERVATIONS		
Date	06 September 2026	
Weather	The weather during the 24 hours prior to sampling was sunny with rain recorded. The forecast was fine to overcast. The weather at the time of sampling was overcast and windy.	
ID	**Observations**	**Photo**
WC-RS	• High flow • Clear water • Rocky bed • Grassy bank • Overhanging vegetation	

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FIELD OBSERVATIONS

ID	Observations	Photo
WC-IS	• High flow • Clear water • Rocky bed and grassy bank • Overhanging branches • Monitoring location beneath haul bridge	
CG-IS	• Slow flow • Grassy banks • Evidence of erosion • Evidence of fauna	

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FIELD OBSERVATIONS

ID	Observations	Photo
YR1-IS	• Heavy flow • Clear water • Rocky bed and grassy bank • Overhanging vegetation	
LHG-IS	• Slow flow • Clear water • Grassy bank and grassy bed • Aquatic vegetation • Evidence of fauna	

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FIELD OBSERVATIONS

ID	Observations	Photo
YR2-IS	• Fast flow • Clear water • Rocky bed and grassy vegetation • Evidence of fauna • Monitoring location beneath haul bridge	
SSC-IS	• Medium flow • Slight colour to water • Grassy bank and rocky bed • Overhanging vegetation • Evidence of fauna	

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FIELD OBSERVATIONS

ID	Observations	Photo
TR-RS	• Slow flow • Slight tannin colour to water • Cobble bed • Increased water level • Fauna observed • Campers present	
YK-RS	• Slow flow • Medium tannin colour to water • Overhanging branches • Submerged debris • Grassy banks Evidence of fauna	

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FIELD OBSERVATIONS

ID	Observations	Photo
YK-IS (D/S)	• Medium flow • Medium tannin colour to water • Eroding bank • Rocky bed and grassy banks • Overhanging vegetation, grasses and branches Evidence of fauna	
NZG-IS	• Slow flow • Slight tanning colour to water • Eroded bank • Grassy bank • Overhanging and submerged vegetation	

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FIELD OBSERVATIONS

ID	Observations	Photo
YK-IS	• Slow flow • Medium tannin colour to water • • Eroded bank and grassy margins • Moss present • Evidence of fauna • Adjacent to Elliott Way and HLJU site	

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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: September 2026 WQ Monitoring Results.

5.2.1 Key Physical and Chemical Parameters

See below for results of key physical and chemical parameters.

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5.2.1.1 Temperature

During September 2026, mean water temperature was approximately 11.7°C in the Yarrangobilly River catchment, 12.9°C at the Talbingo Reservoir reference site and 10.4°C in the Yorkers Creek catchment, refer Figure 4 to Figure 6.

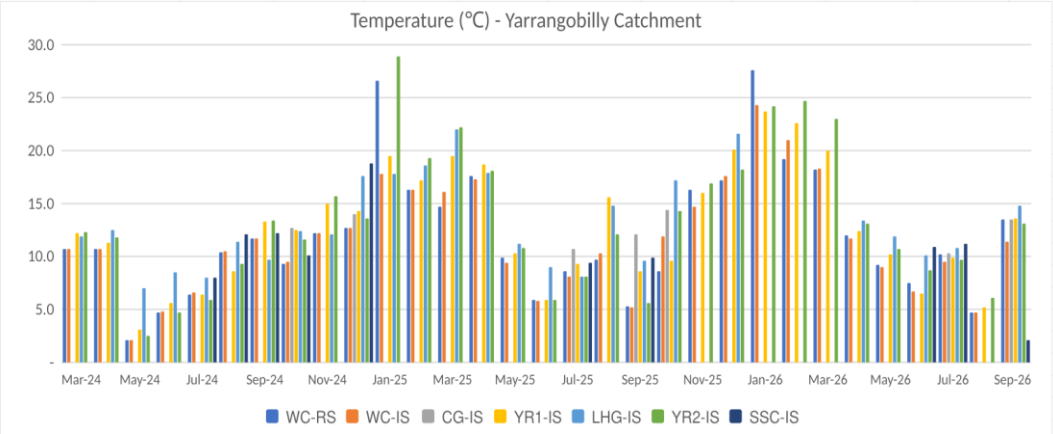


FIGURE 4 : TEMPERATURE FOR YARRANGOBILLY RIVER CATCHMENT

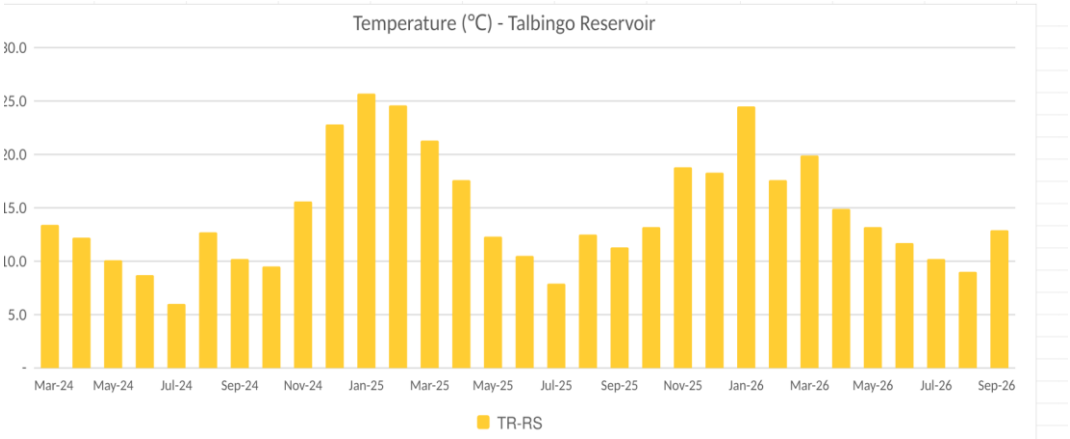


FIGURE 5: TEMPERATURE FOR TALBINGO RESERVOIR

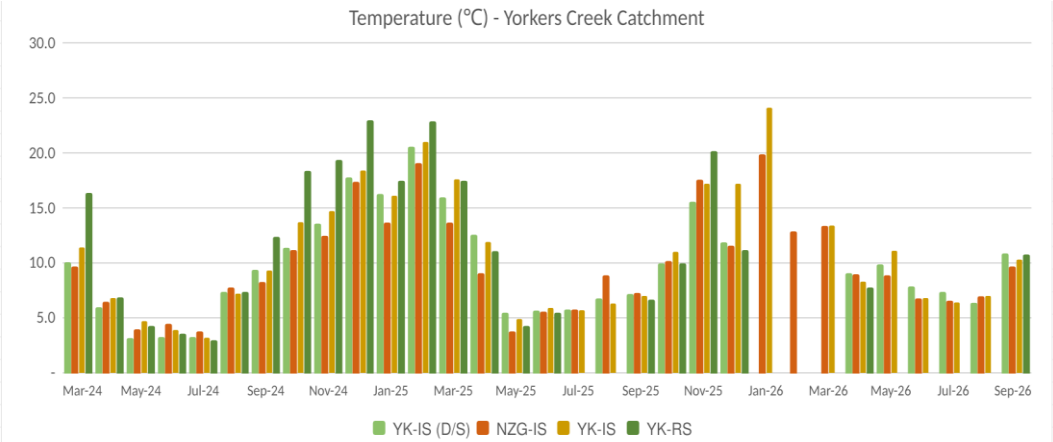


FIGURE 6: TEMPERATURE FOR YORKERS CREEK CATCHMENT

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5.2.1.2 pH

During September 2026, pH exceeded the applicable June-November SSGV at all 12 sampled monitoring locations across the Yarrangobilly River, Talbingo Reservoir and Yorkers Creek catchments, refer Figure 7 to Figure 9.

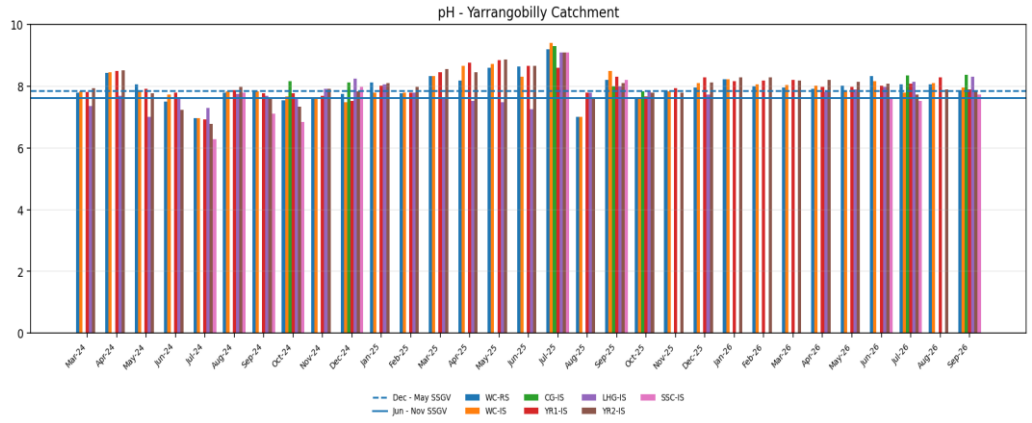


FIGURE 7: PH FOR YARRANGOBILLY RIVER CATCHMENT

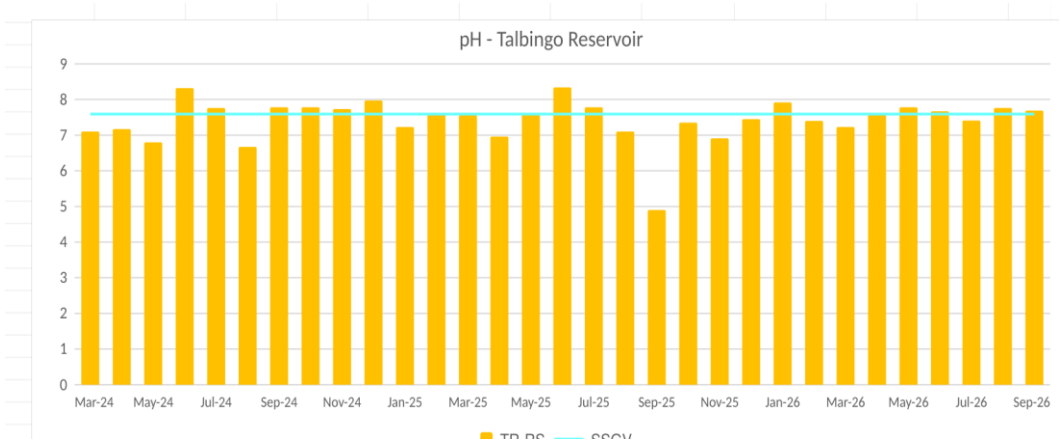


FIGURE 8: PH FOR TALBINGO RESERVOIR

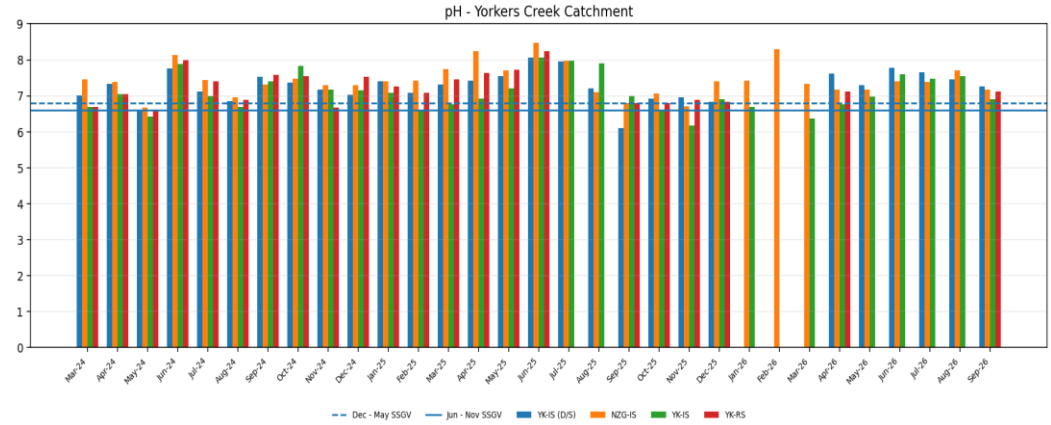


FIGURE 9: PH FOR YORKERS CREEK CATCHMENT

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5.2.1.3 Dissolved Oxygen

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

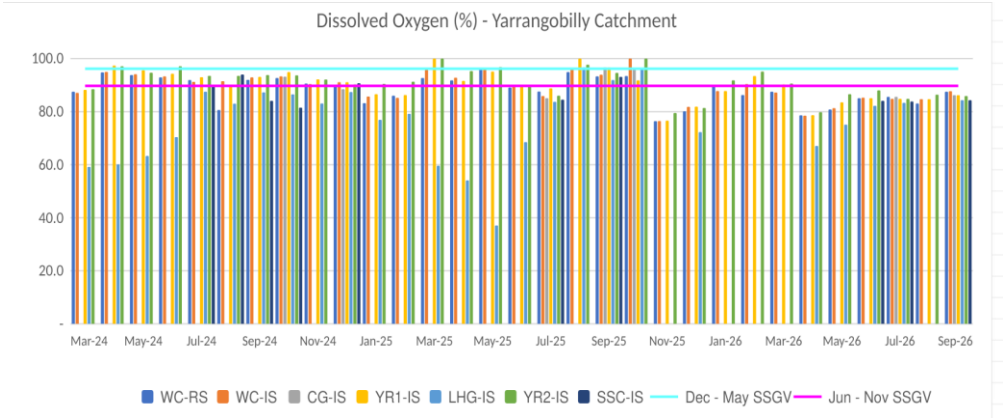


FIGURE 10: DO FOR YARRANGOBILLY RIVER CATCHMENT

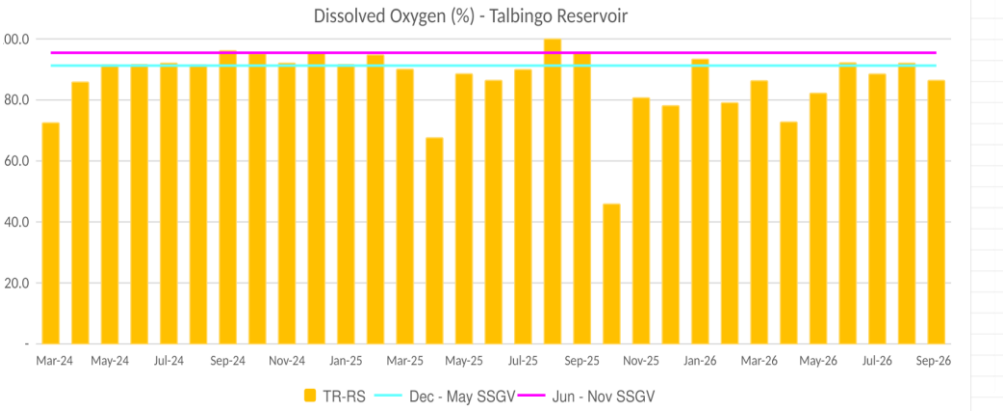


FIGURE 11: DO FOR TALBINGO RESERVOIR

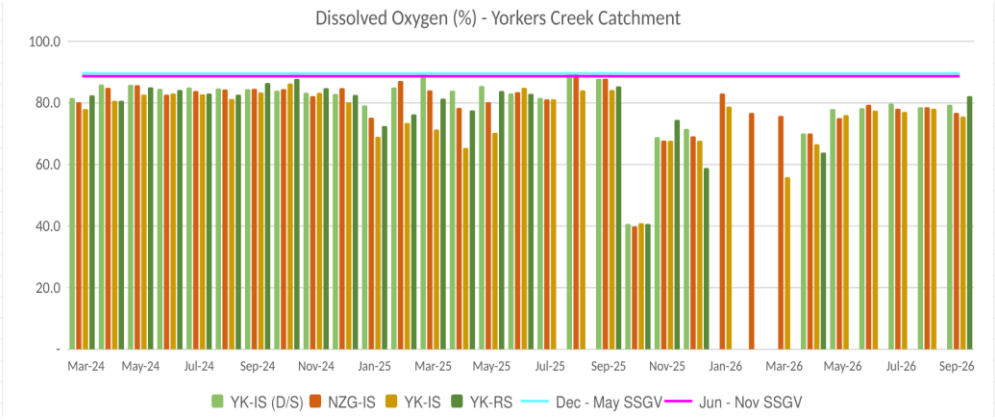


FIGURE 12: DO FOR YORKERS CREEK CATCHMENT

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5.2.1.4 Specific Conductance

During September 2026, specific conductance (SPC, µS/cm) exceeded the applicable SSGV at CG-IS, LHG-IS and SSC-IS in the Yarrangobilly River catchment, at TR-RS, and at YK-IS (D/S), NZG-IS and YK-IS in the Yorkers Creek catchment, refer Figure 13 to Figure 15.

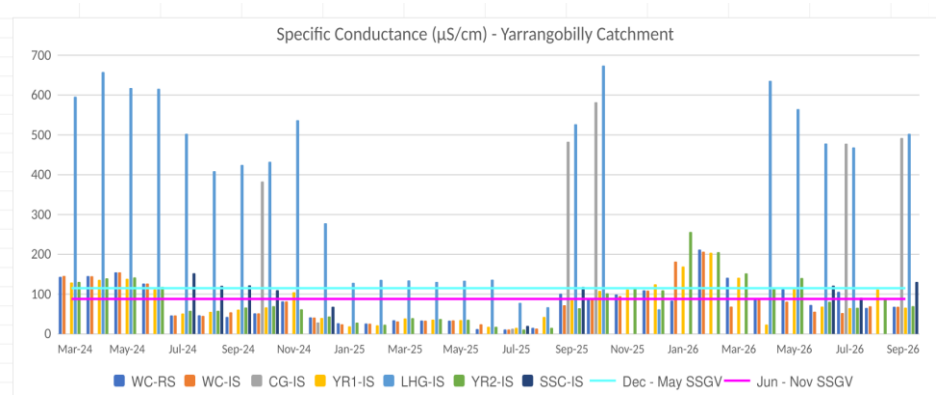


FIGURE 13: SPC FOR YARRANGOBILLY RIVER CATCHMENT

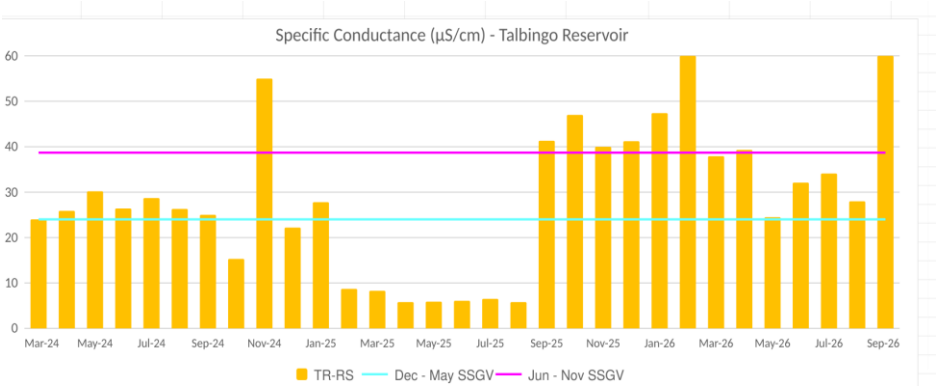


FIGURE 14: SPC FOR TALBINGO RESERVOIR

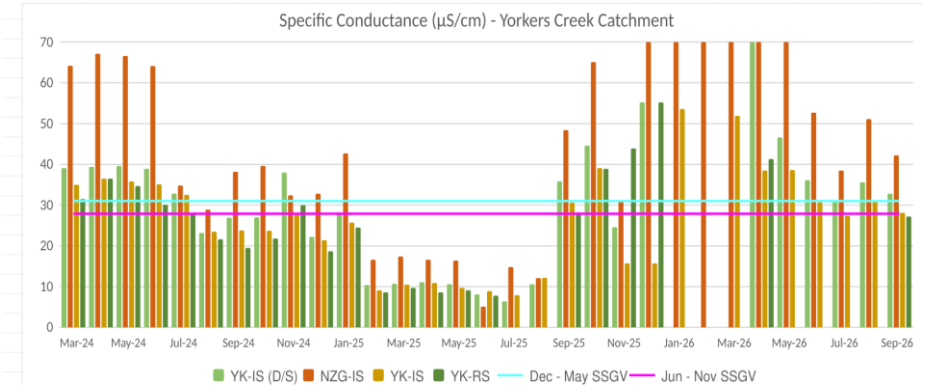


FIGURE 15: SPC FOR YORKERS CREEK CATCHMENT

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5.2.1.5 Electrical Conductivity

Electrical conductivity (EC, µS/cm) exceeded the applicable SSGV at WC-IS, CG-IS, LHG-IS and SSC-IS in the Yarrangobilly River catchment, at TR-RS, and at YK-RS, YK-IS (D/S) and NZG-IS in the Yorkers Creek catchment, refer Figure 16 to Figure 18.

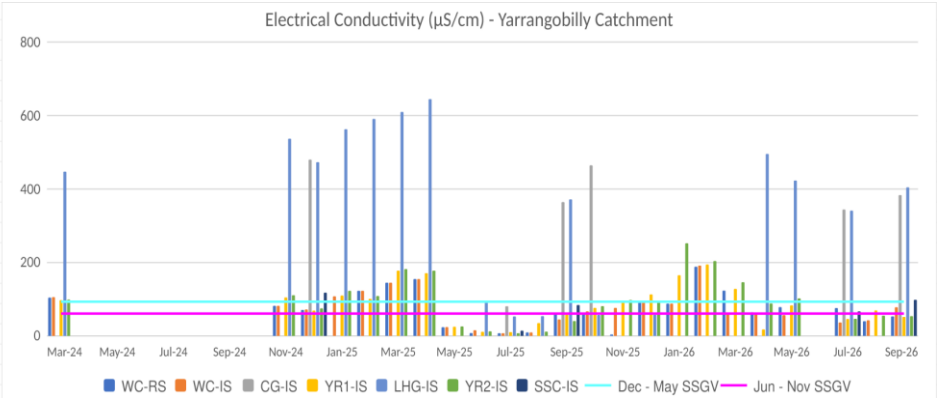


FIGURE 16: EC FOR YARRANGOBILLY RIVER CATCHMENT

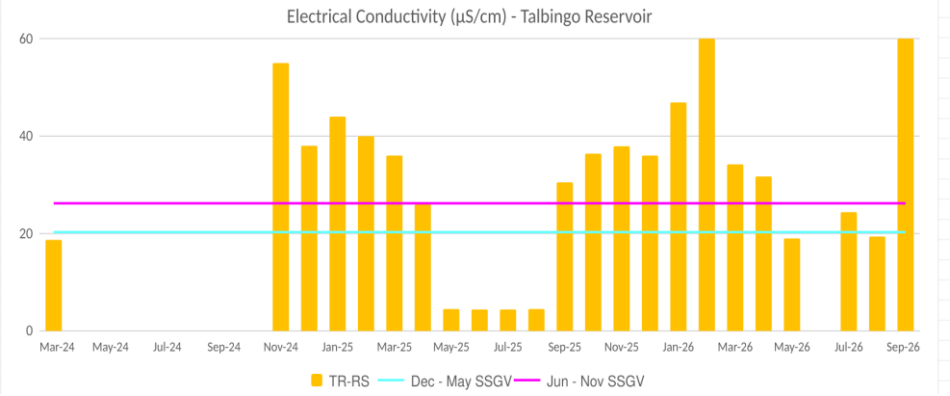


FIGURE 17: EC FOR TALBINGO RESERVOIR

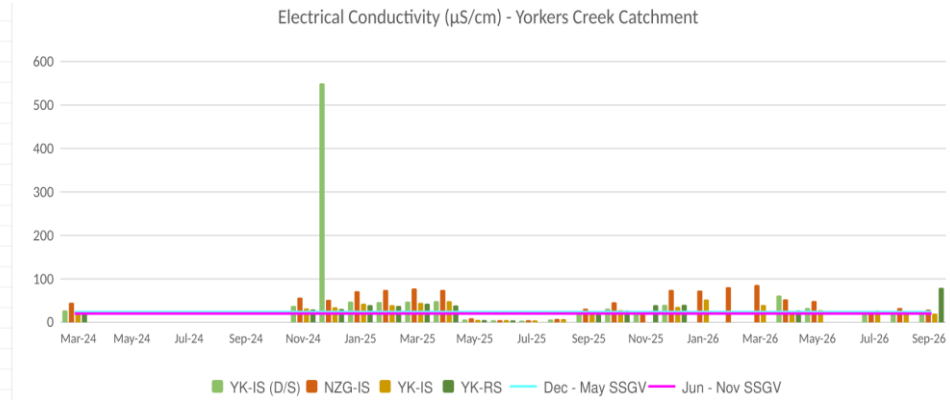


FIGURE 18: EC FOR YORKERS CREEK CATCHMENT

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5.2.1.6 Turbidity

During September 2026, turbidity (NTU) exceeded the applicable SSGV at WC-RS, YR1-IS, YR2-IS and SSC-IS in the Yarrangobilly River catchment, at TR-RS, and at YK-RS in the Yorkers Creek catchment, refer Figure 19 to Figure 21.

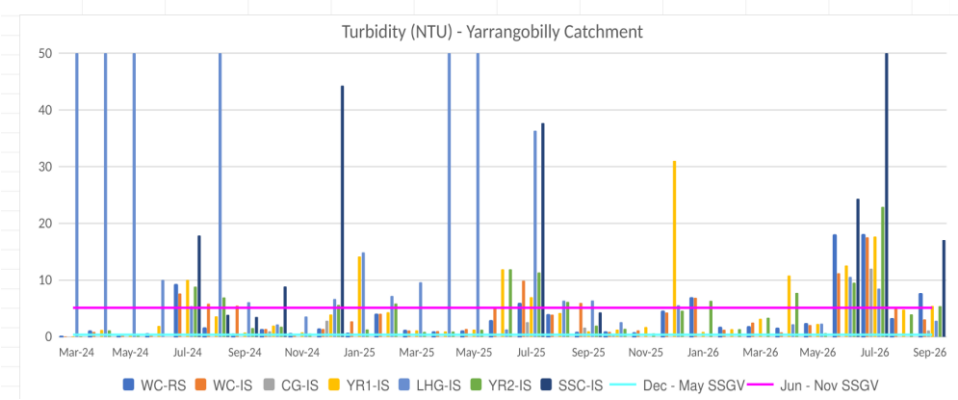


FIGURE 19: TURBIDITY FOR YARRANGOBILLY RIVER CATCHMENT

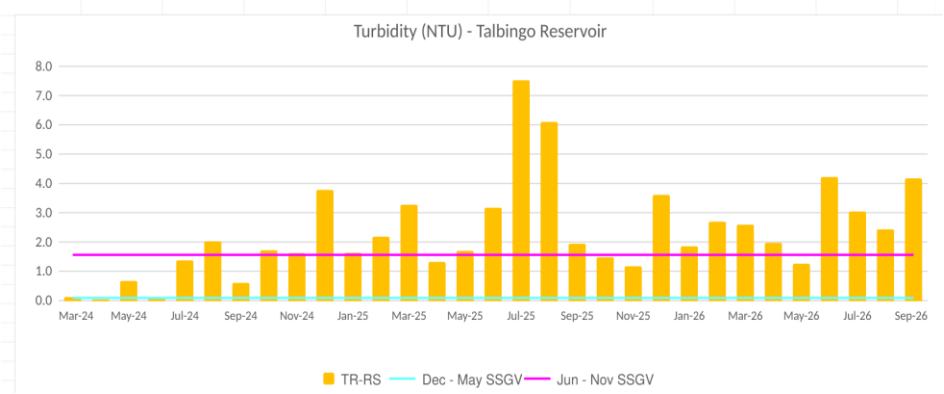


FIGURE 20: TURBIDITY FOR TALBINGO RESERVOIR

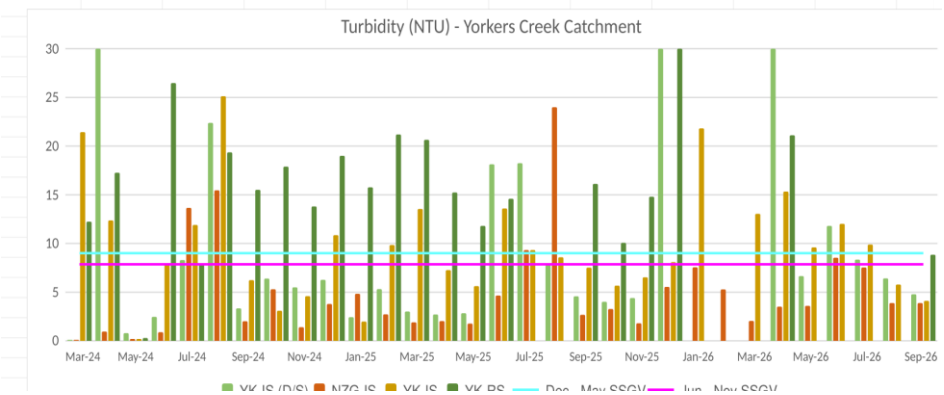


FIGURE 21: TURBIDITY FOR YORKERS CREEK CATCHMENT

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5.2.1.7 Total Suspended Solids

Total suspended solids (TSS, mg/L) exceeded the applicable SSGV at YR2-IS and YK-RS during September 2026. Results reported at the laboratory limit of reporting were not treated as exceedances where the limit of reporting was equal to or greater than the applicable guideline value, refer Figure 22 to Figure 24.

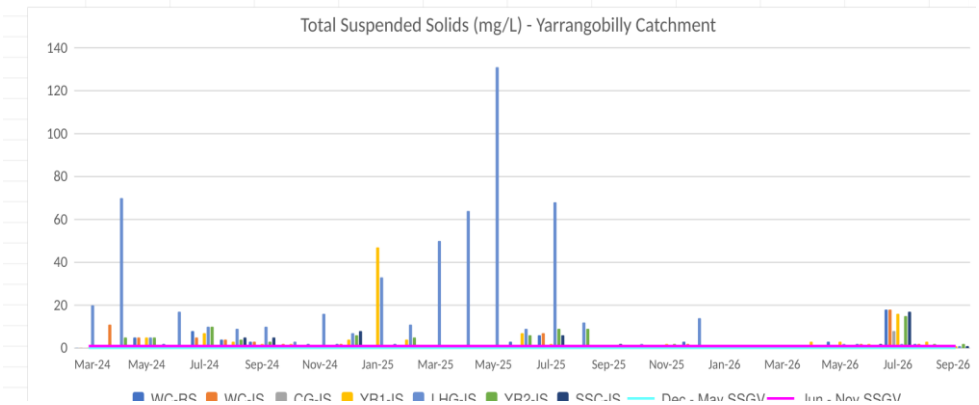


FIGURE 22: TSS FOR YARRANGOBILLY RIVER CATCHMENT

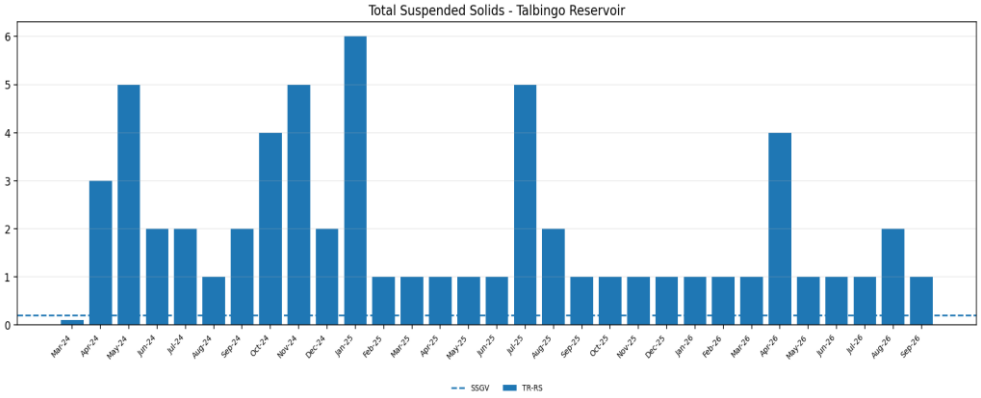


FIGURE 23: TSS FOR TALBINGO RESERVOIR

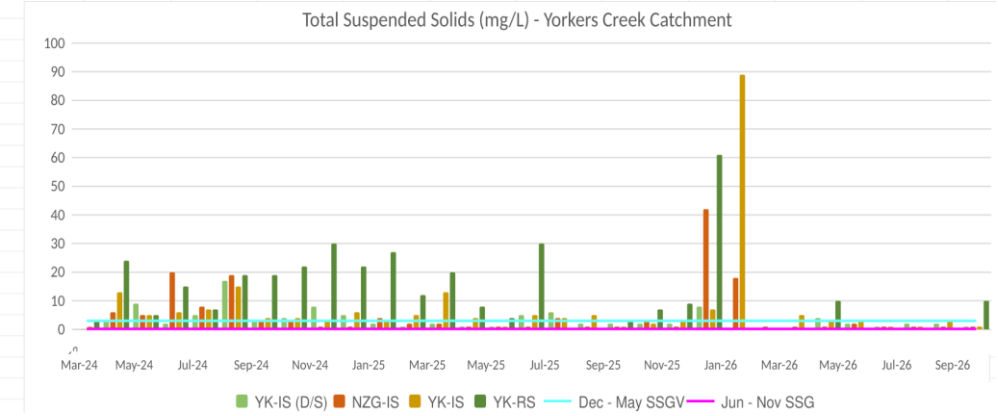


FIGURE 24: TSS FOR YORKERS CREEK CATCHMENT

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5.2.1.8 Total Dissolved Solids

During September 2026, total dissolved solids (TDS, mg/L) exceeded the applicable SSGV at CG-IS, LHG-IS and SSC-IS in the Yarrangobilly River catchment, at TR-RS, and at all four Yorkers Creek monitoring locations. The highest results were recorded at CG-IS (303 mg/L) and LHG-IS (292 mg/L), refer Figure 25 to Figure 27.

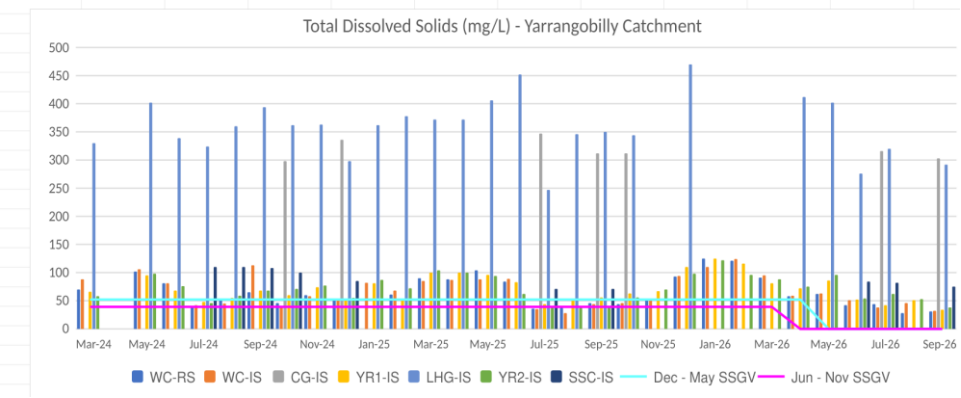


FIGURE 25: TDS FOR YARRANGOBILLY RIVER CATCHMENT

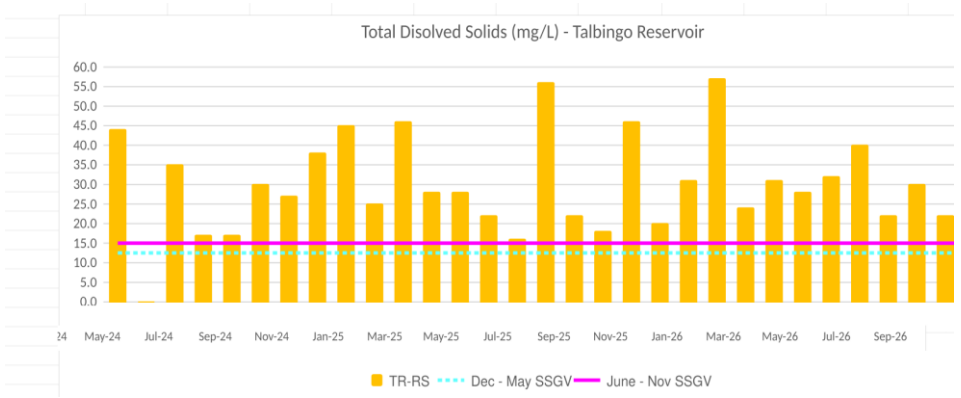


FIGURE 26: TDS FOR TALBINGO RESERVOIR

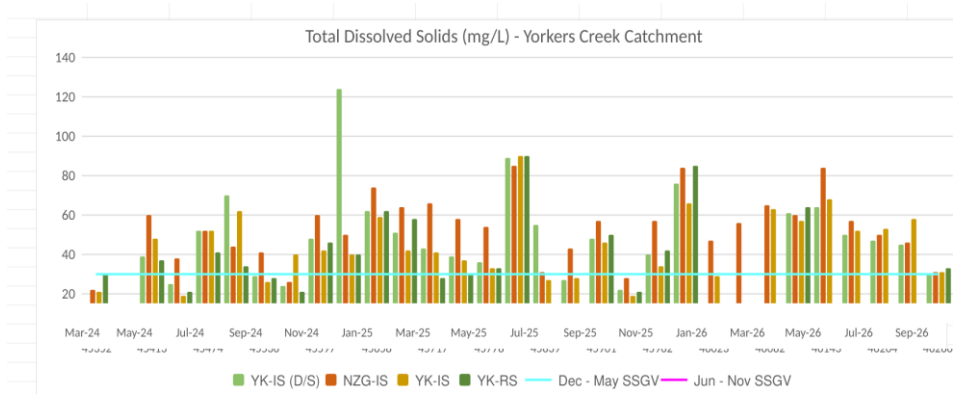


FIGURE 27: TDS FOR YORKERS CREEK CATCHMENT

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5.2.1.9 Redox

Redox (mV) exceeded the applicable June-November SSGV at all 12 sampled monitoring locations during September 2026, refer Figure 28 to Figure 30.

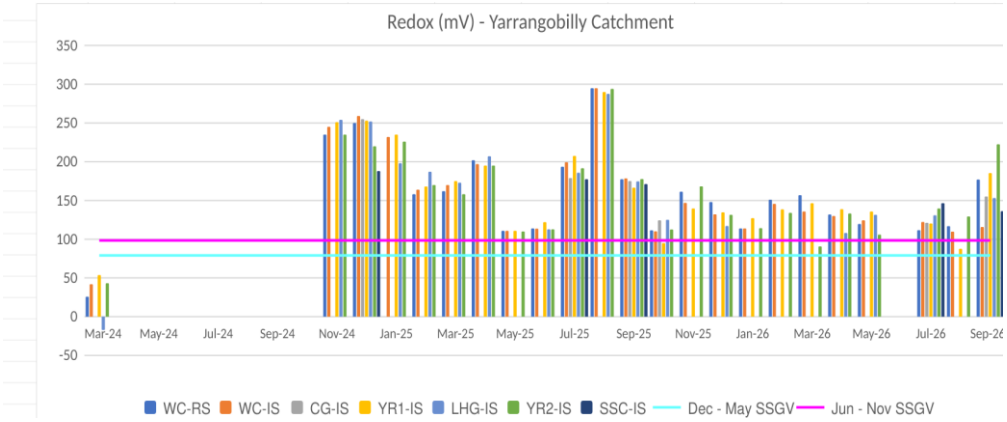


FIGURE 28: REDOX FOR YARRANGOBILLY RIVER CATCHMENT

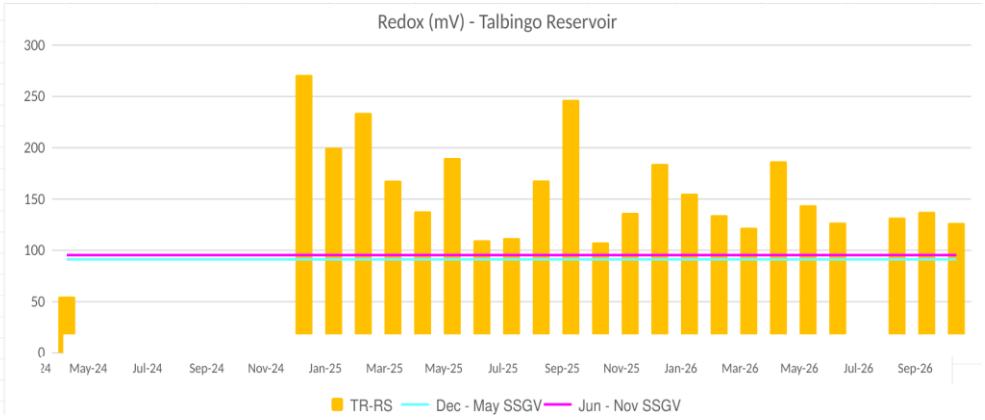


FIGURE 29: REDOX FOR TALBINGO RESERVOIR

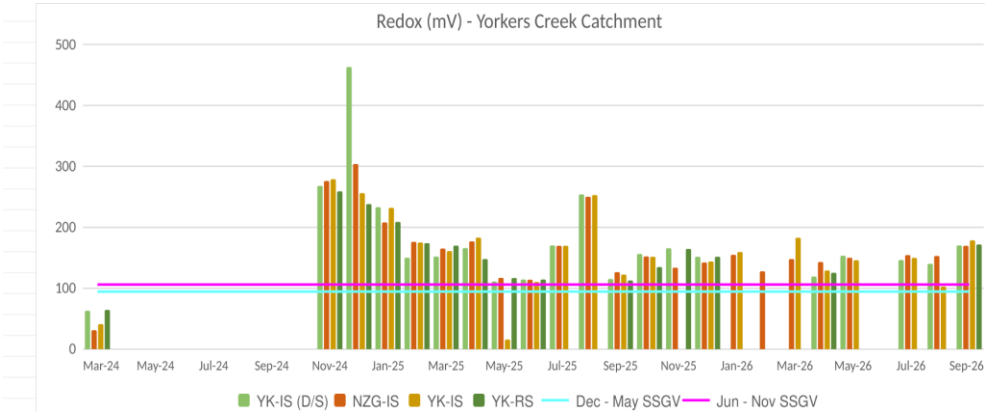


FIGURE 30: REDOX FOR YORKERS CREEK CATCHMENT

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5.2.1.10 Nitrogen Oxides

Nitrogen oxides (mg/L) exceeded the applicable SSGV at TR-RS only during September 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.

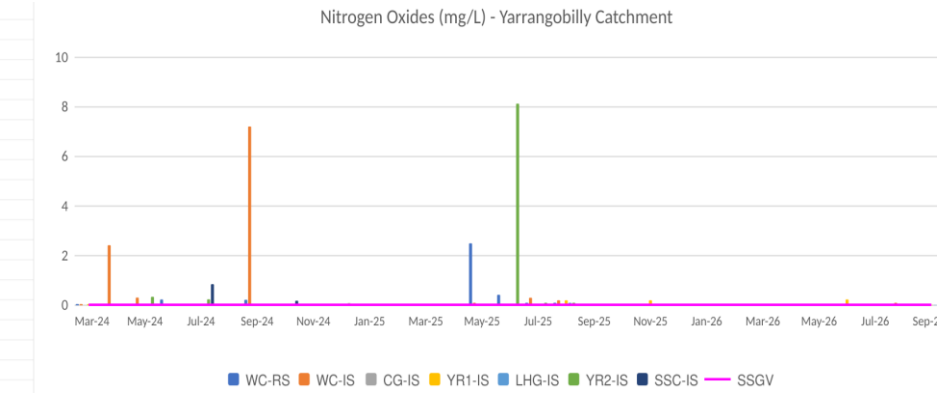


FIGURE 31: NITROGEN OXIDES FOR YARRANGOBILLY RIVER CATCHMENT

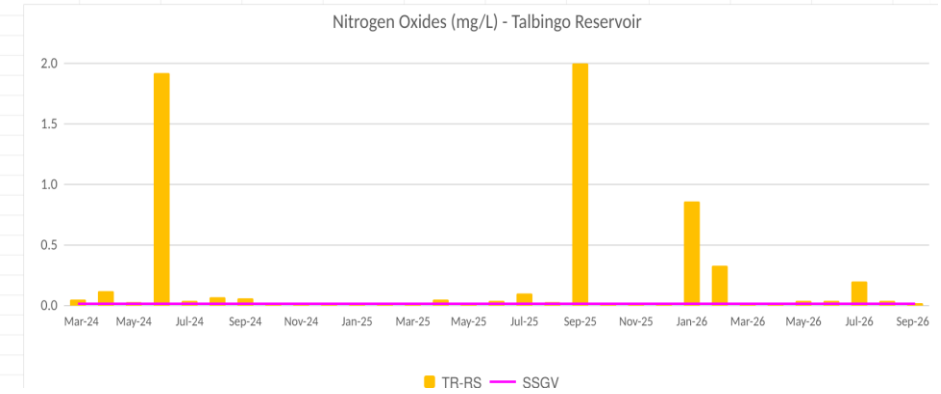


FIGURE 32: NITROGEN OXIDES FOR TALBINGO RESERVOIR

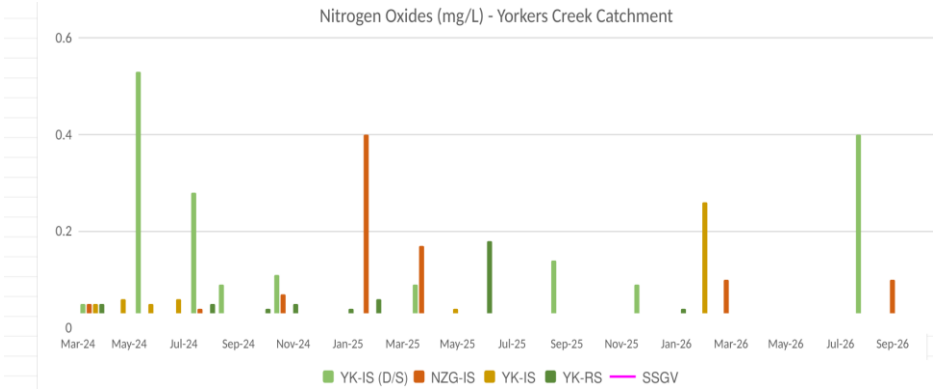


FIGURE 33: NITROGEN OXIDES FOR YORKERS CREEK CATCHMENT

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5.2.1.11 Ammonia

Ammonia (mg/L) exceeded the applicable SSGV at LHG-IS, TR-RS, YK-RS, YK-IS (D/S) and NZG-IS during September 2026, refer Figure 34 to Figure 36.

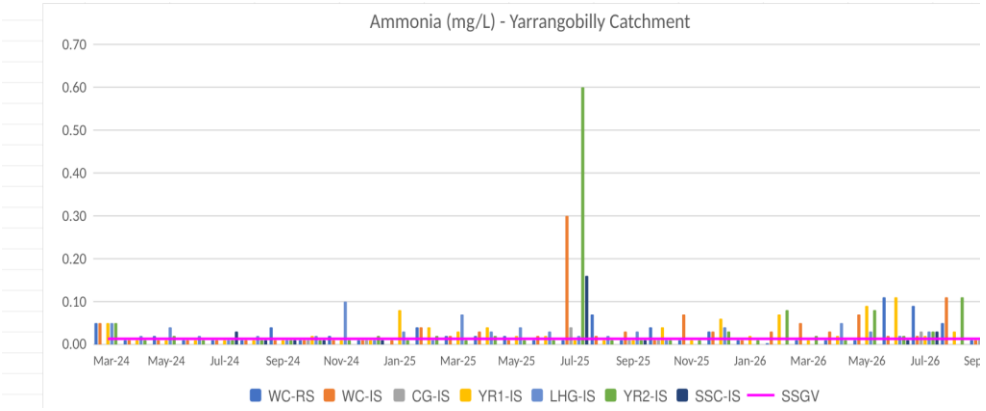


FIGURE 34: AMMONIA FOR YARRANGOBILLY RIVER CATCHMENT

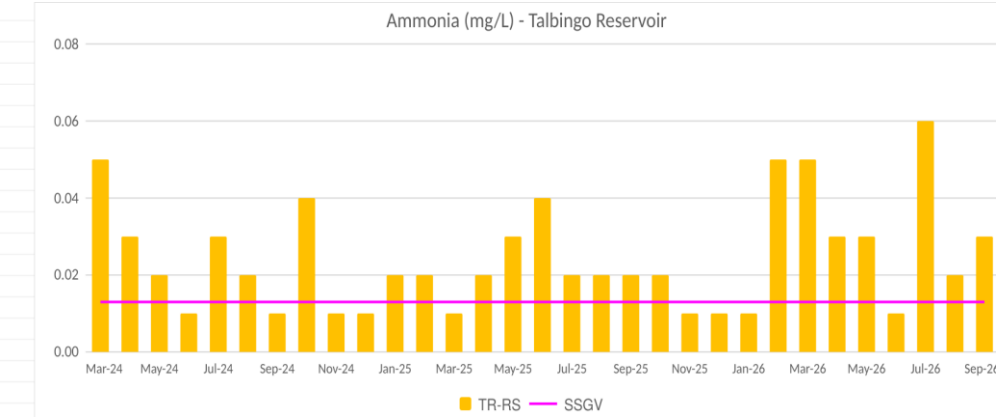


FIGURE 35: AMMONIA FOR TALBINGO RESERVOIR

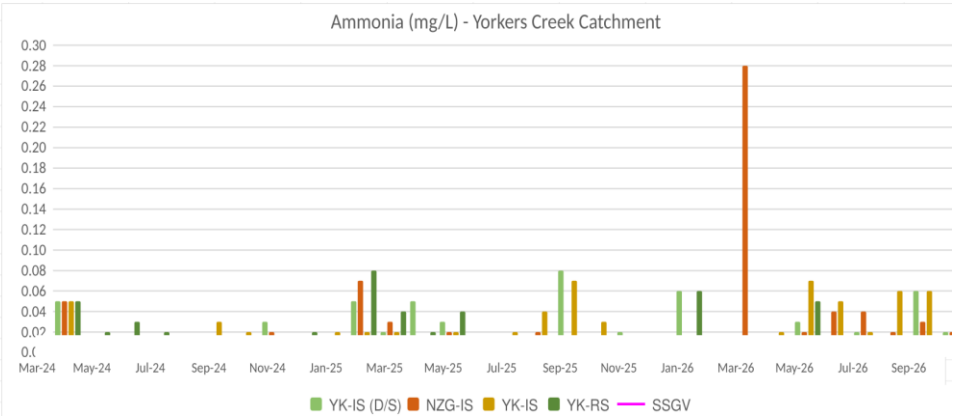


FIGURE 36: AMMONIA FOR YORKERS CREEK CATCHMENT

5.2.1.12 Cyanide

Cyanide (mg/L) concentrations were below the laboratory limit of reporting at all sampled locations across the three catchments during September 2026, refer Figure 37 to Figure 39.

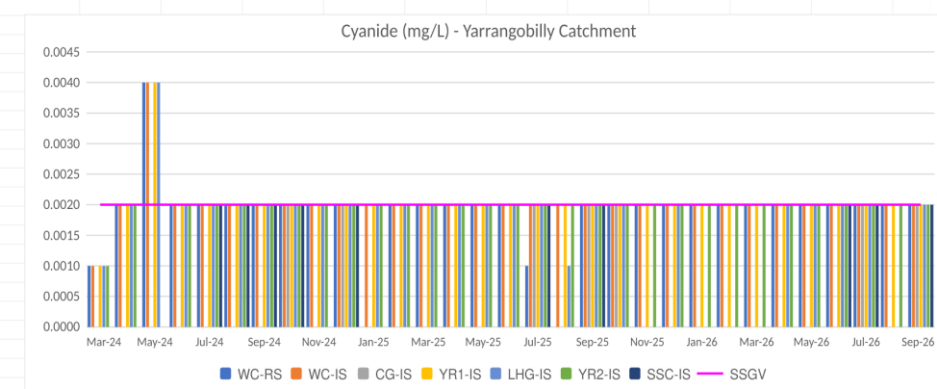


FIGURE 37: CYANIDE FOR YARRANGOBILLY RIVER CATCHMENT

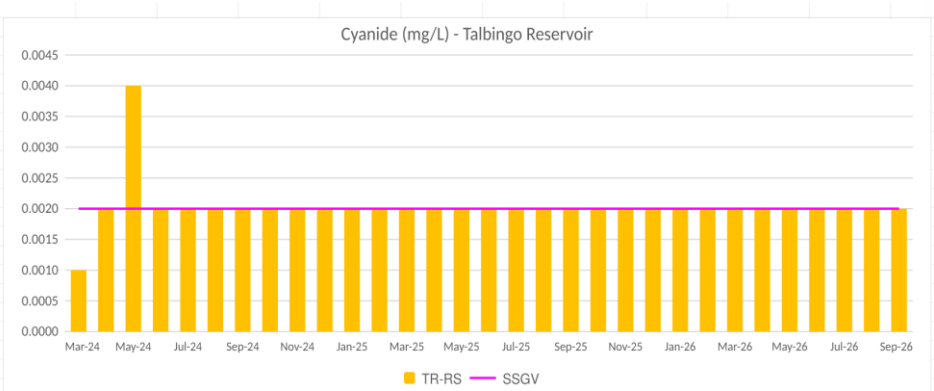


FIGURE : CYANIDE FOR TALBINGO RESERVOIR4

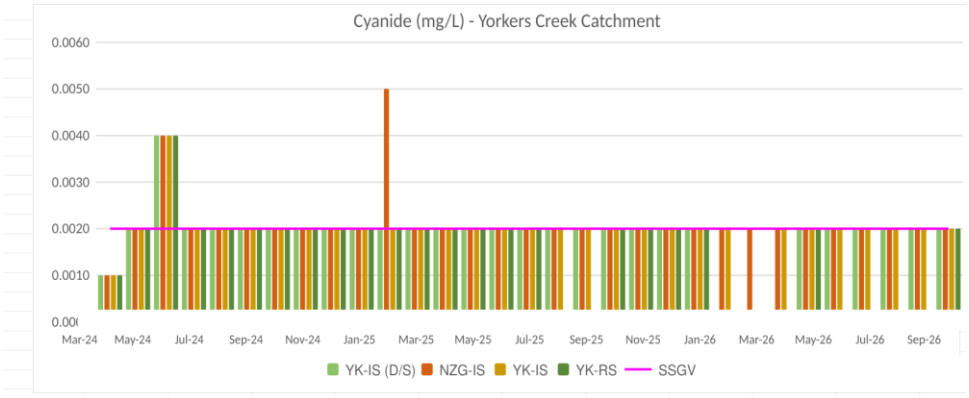


FIGURE 39: CYANIDE FOR YORKERS CREEK CATCHMENT

5.2.1.13 Total Hardness

During September 2026, total hardness (mg/L as CaCO3) exceeded the applicable SSGV at CG-IS, YR1-IS, LHG-IS, YR2-IS and SSC-IS in the Yarrangobilly River catchment, at TR-RS, and at YK-IS (D/S) and NZG-IS in the Yorkers Creek catchment. The highest results were recorded at CG-IS (287 mg/L) and LHG-IS (270 mg/L), refer Figure 40 to Figure 42.

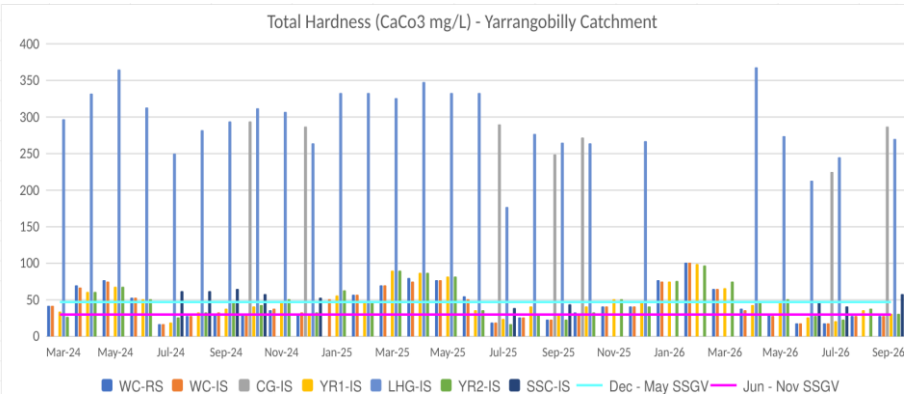


FIGURE 40: CACO3 FOR YARRANGOBILLY RIVER CATCHMENT

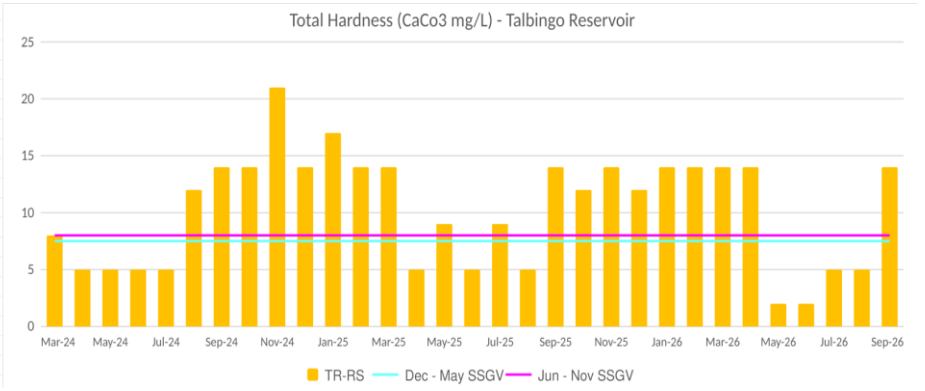


FIGURE 41: CACO3 FOR TALBINGO RESERVOIR

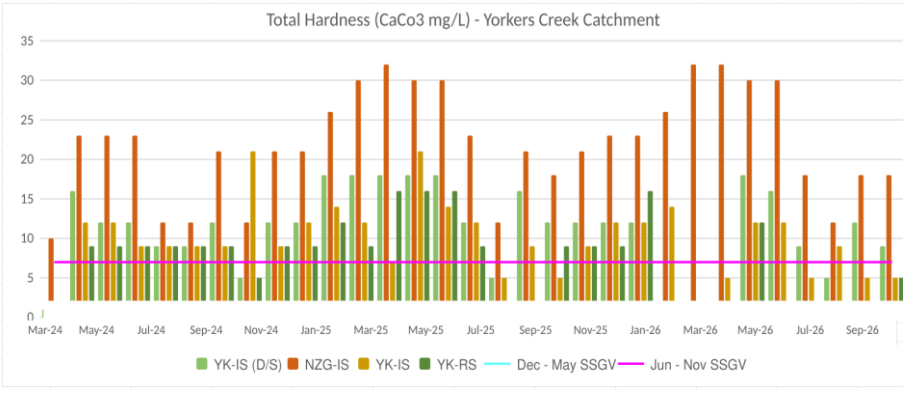


FIGURE 42: CACO3 FOR YORKERS CREEK CATCHMENT

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5.2.1.14 Total Kjeldahl Nitrogen

Total Kjeldahl nitrogen (TKN, mg/L) did not exceed the applicable June-November SSGV at any sampled location during September 2026, refer Figure 43 to Figure 45.

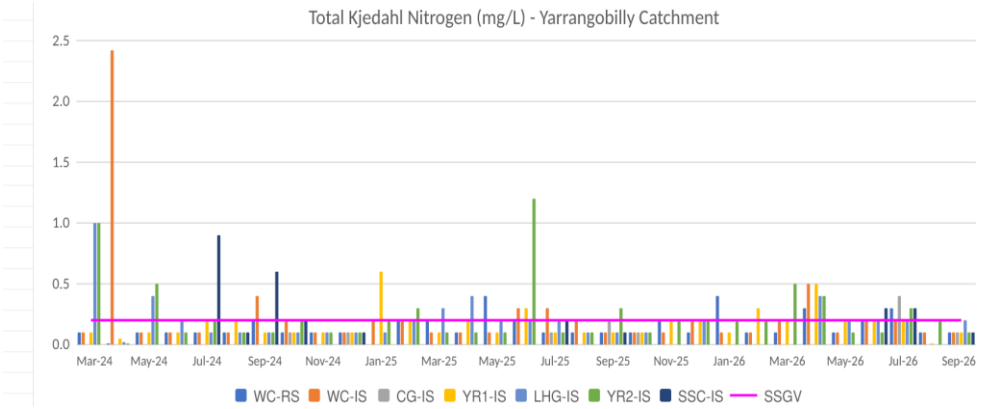


FIGURE 43: TKN FOR YARRANGOBILLY RIVER CATCHMENT

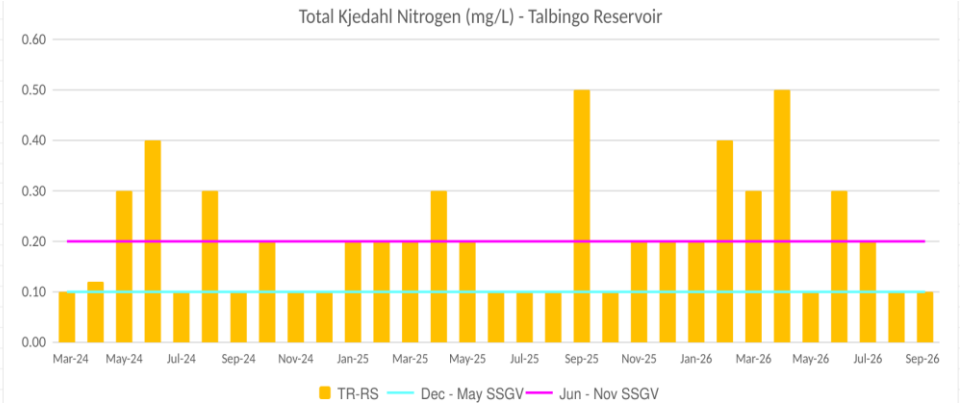


FIGURE 44: TKN FOR TALBINGO RESERVOIR

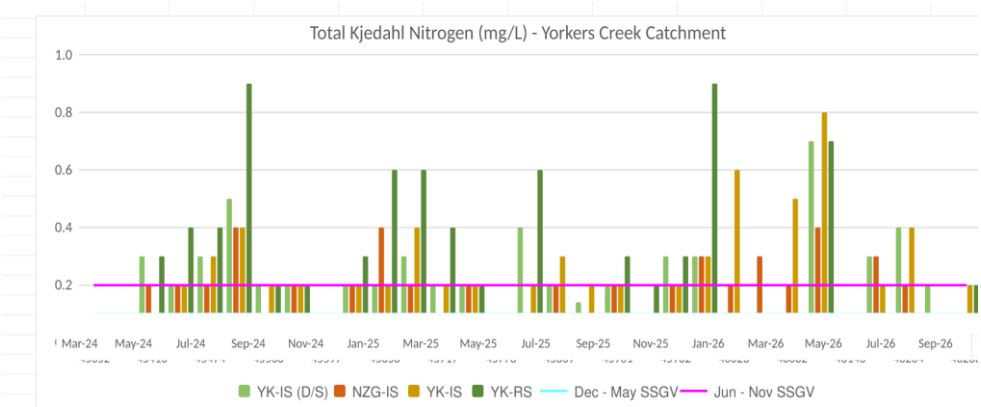


FIGURE 45: TKN FOR YORKERS CREEK CATCHMENT

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5.2.1.15 Total Nitrogen

Total nitrogen (TN, mg/L) did not exceed the applicable June-November SSGV at any sampled location during September 2026, refer Figure 46 to Figure 48.

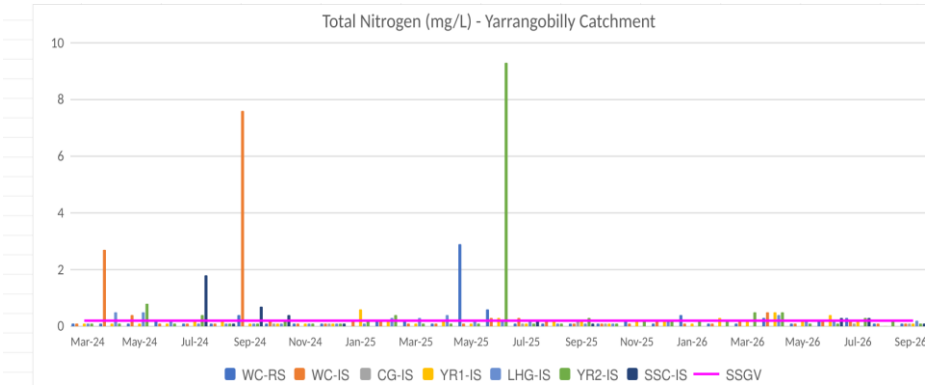


FIGURE 46: TN FOR YARRANGOBILLY RIVER CATCHMENT

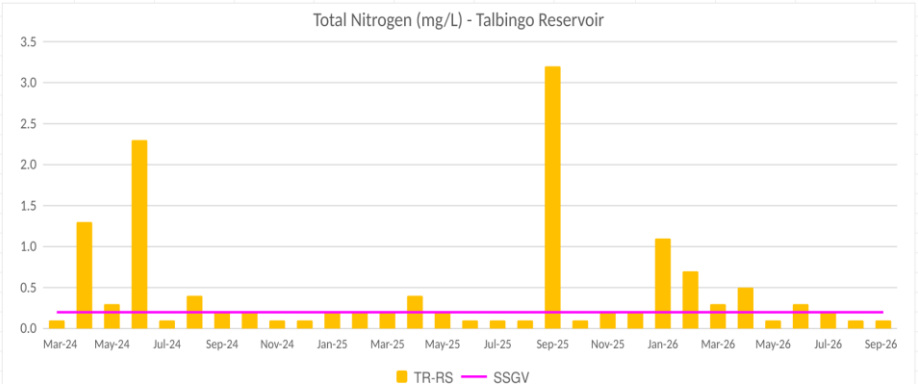


FIGURE 47: TN FOR TALBINGO RESERVOIR

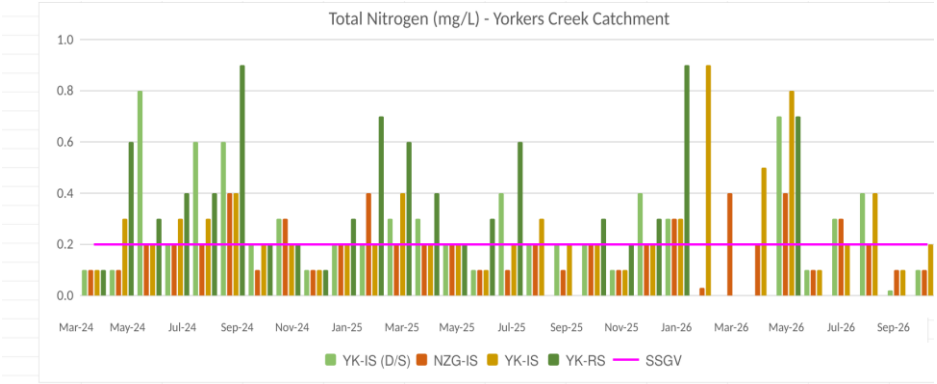


FIGURE 48: TN FOR YORKERS CREEK CATCHMENT

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5.2.1.16 Total Phosphorus

Total phosphorus (TP, mg/L) exceeded the applicable SSGV at YK-IS (D/S) only during September 2026. Results at the remaining sampled locations were at or below the applicable SSGV, refer Figure 49 to Figure 51.

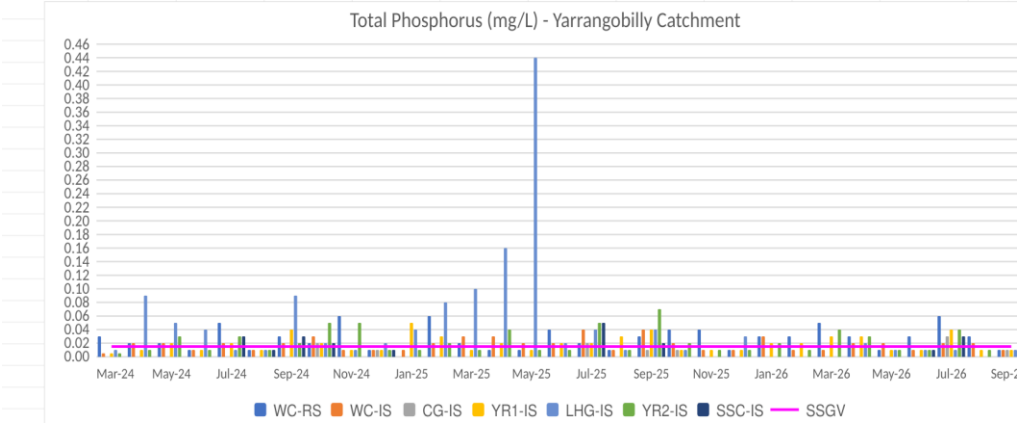


FIGURE 49: TP FOR YARRANGOBILLY RIVER CATCHMENT

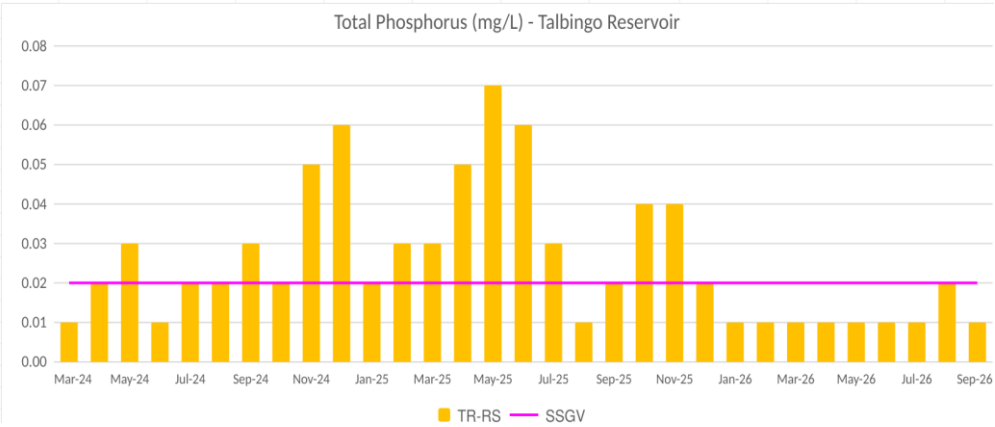


FIGURE 50: TP FOR TALBINGO RESERVOIR

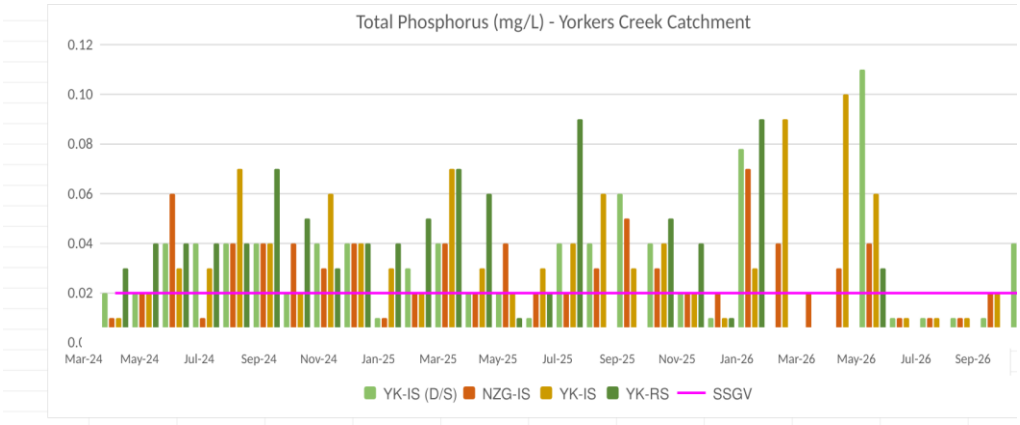


FIGURE 51: TP FOR YORKERS CREEK CATCHMENT

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5.2.1.17 Reactive Phosphorus

Reactive phosphorus (RP, mg/L) did not exceed the applicable SSGV at any sampled location during September 2026, refer Figure 52 to Figure 54.

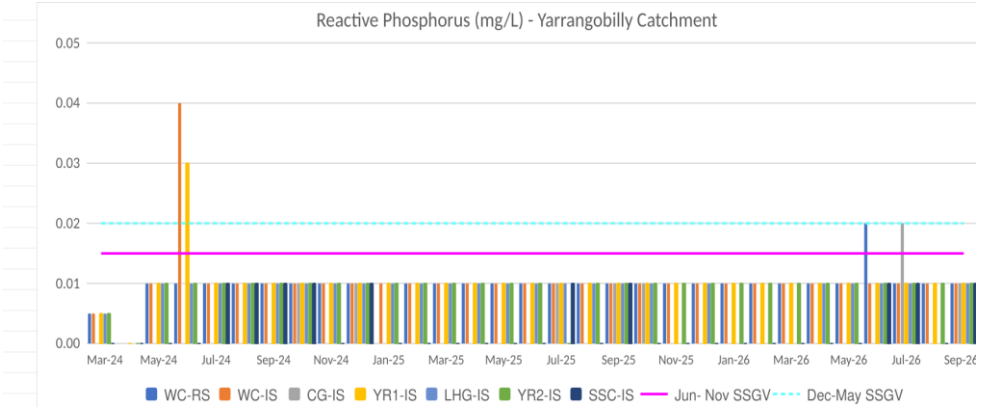


FIGURE 52: RP FOR YARRANGOBILLY RIVER CATCHMENT

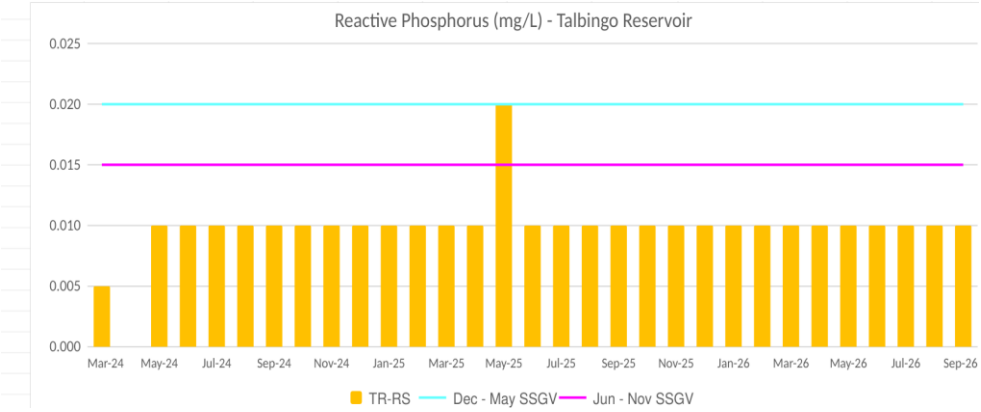


FIGURE 53: RP FOR TALBINGO RESERVOIR

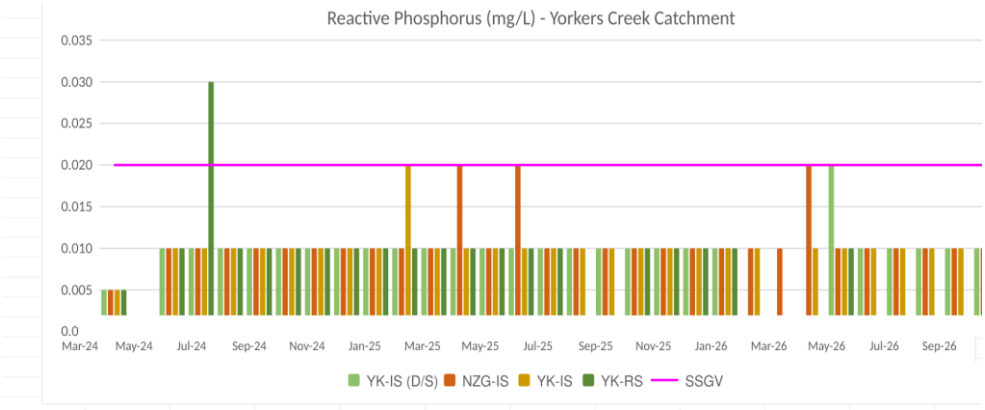


FIGURE 54: RP FOR YORKERS CREEK CATCHMENT

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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	YR1-IS	0.08	0.04	The June-November SSGV for dissolved Al was exceeded at YR1-IS, YR2-IS, SSC-IS and TR-RS during September 2026.
	YR2-IS	0.08	0.04	
	SSC-IS	0.06	0.04	
	TR-RS	0.06	0.015	
Mn	LHG-IS	0.007	0.002	Dissolved Mn exceeded the applicable June-November SSGV at LHG-IS, YR2-IS, SSC-IS, TR-RS, YK-RS, YK-IS (D/S) and YK-IS during September 2026.
	YR2-IS	0.003	0.002	
	SSC-IS	0.006	0.002	
	TR-RS	0.004	0.002	
	YK-RS	0.007	0.003	
	YK-IS (D/S)	0.004	0.003	
	YK-IS	0.005	0.003	

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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	0.23	0.027	Total Al exceeded the DGV at 11 of the 12 sampled locations during September 2026. The highest result was recorded at YK-RS (0.76 mg/L). CG-IS was below the DGV.
	WC-IS	0.11	0.027	
	YR1-IS	0.12	0.027	
	LHG-IS	0.04	0.027	
	YR2-IS	0.09	0.027	
	SSC-IS	0.08	0.027	
	TR-RS	0.04	0.027	
	YK-RS	0.76	0.027	
	YK-IS (D/S)	0.13	0.027	
	NZG-IS	0.08	0.027	
	YK-IS	0.15	0.027	

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6 DISCUSSION

Below is a summary of key observations and discussion points from the September 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.
- Flow conditions during September were generally moderate to high at the Yarrangobilly River monitoring locations, with heavy or fast flow recorded at YR1-IS and YR2-IS and high flow at both Wallace Creek sites. Slow flow was recorded at CG-IS and LHG-IS.
- Field observations included erosion at CG-IS, YK-IS (D/S), NZG-IS and YK-IS, with overhanging or submerged vegetation noted at several locations.
- All 12 monitoring locations had sufficient water present for sampling during the September monitoring event, allowing comparison across all reference and impact sites.
- YK-IS (D/S) was characterised by medium flow, a medium tannin discolouration, eroding banks, rocky bed conditions, overhanging vegetation and evidence of fauna.
- NZG-IS had slow flow, a slight tannin discolouration, an eroded bank, grassy margins and overhanging and submerged vegetation.
- YK-IS had slow flow, a medium tannin discolouration, an eroded grassy bank, moss and evidence of fauna, and remains adjacent to Elliott Way and the HLJU site.
- TR-RS had slow flow, a slight tannin discolouration, cobble bed conditions and an increased water level. Fauna and campers were observed at the publicly accessible Talbingo Reservoir location.
- Evidence of fauna activity was observed at several monitoring locations. Vegetation, submerged debris, erosion and bed material may influence dissolved oxygen, turbidity, sediment and metal results.

Sampling and analysis:

- All 12 monitoring locations were sampled during the September 2026 monitoring event.
- The presence of flow at YK-RS enabled direct comparison between the Yorkers Creek reference site and the three impact sites during September.
- August 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 at all monitoring locations during September, 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 was not treated as an exceedance.
- Exceedances occurred at both reference and impact locations, indicating that seasonal conditions, catchment geology, flow conditions, sediment mobilisation and local land uses may contribute to observed results.

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SWQ parameters:

- Mean temperature was approximately 11.7°C in the Yarrangobilly River catchment, 12.9°C at TR-RS and 10.4°C in the Yorkers Creek catchment.
- pH exceeded the applicable SSGV at all 12 sampled monitoring locations.
- Dissolved oxygen was below the applicable SSGV at all 12 sampled monitoring locations.
- Specific conductance exceeded at CG-IS, LHG-IS, SSC-IS, TR-RS, YK-IS (D/S), NZG-IS and YK-IS.
- Electrical conductivity exceeded at WC-IS, CG-IS, LHG-IS, SSC-IS, TR-RS, YK-RS, YK-IS (D/S) and NZG-IS.
- Turbidity exceeded the applicable SSGV at WC-RS, YR1-IS, YR2-IS, SSC-IS, TR-RS and YK-RS.
- TSS exceeded at YR2-IS and YK-RS. Results reported at the laboratory limit of reporting were not treated as exceedances where the limit of reporting was equal to or greater than the guideline value.
- TDS exceeded at CG-IS, LHG-IS, SSC-IS, TR-RS and all four Yorkers Creek monitoring locations, with the highest result recorded at CG-IS (303 mg/L).
- Redox exceeded the applicable SSGV at all 12 sampled monitoring locations.
- Nitrogen oxides exceeded at TR-RS only.
- Ammonia exceeded the applicable SSGV at LHG-IS, TR-RS, YK-RS, YK-IS (D/S) and NZG-IS.
- Total hardness exceeded at CG-IS, YR1-IS, LHG-IS, YR2-IS, SSC-IS, TR-RS, YK-IS (D/S) and NZG-IS.
- TKN did not exceed the applicable SSGV at any sampled location.
- TN did not exceed the applicable SSGV at any sampled location.
- Total phosphorus exceeded at YK-IS (D/S) only. Reactive phosphorus did not exceed the applicable SSGV at any sampled location.
- Dissolved aluminium exceeded at YR1-IS, YR2-IS, SSC-IS and TR-RS.
- Dissolved manganese exceeded at LHG-IS, YR2-IS, SSC-IS, TR-RS, YK-RS, YK-IS (D/S) and YK-IS.
- Other dissolved metal results above a guideline but reported at the laboratory limit of reporting were not treated as exceedances.
- Total aluminium exceeded the DGV at 11 of the 12 sampled locations, with the highest result recorded at YK-RS (0.76 mg/L). CG-IS was below the DGV.
- Total iron exceeded the DGV at YK-RS (0.49 mg/L). Total zinc results were reported at the laboratory limit of reporting and were not treated as exceedances.
- The elevated total iron result at YK-RS (0.49 mg/L) was above the DGV of 0.3 mg/L and occurred in conjunction with moderate-turbidity and elevated TSS conditions at the site.
- The field observations did not record fish kills, significant algal blooms or other obvious indicators of acute water quality impact during the September monitoring event.

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7 CONCLUSION

Monthly construction SWQ monitoring was undertaken on 06 September 2026 in accordance with EPL 21753 and the approved monitoring methodology. All 12 monitoring locations were sampled.

The September 2026 results identified exceedances of several physical, chemical and metal parameters across the three catchments. pH and redox exceeded the applicable SSGV at all 12 locations, while dissolved oxygen was below the applicable SSGV at all 12 locations.

Flow conditions were generally higher than during the preceding monitoring event, with high to heavy flow recorded at several Yarrangobilly River locations and sufficient flow present at all 12 monitoring sites. Turbidity exceedances occurred at six locations, while TSS exceedances were limited to YR2-IS and YK-RS.

Dissolved metal exceedances were associated with aluminium and manganese. Dissolved aluminium exceeded at YR1-IS, YR2-IS, SSC-IS and TR-RS, while dissolved manganese exceeded at seven locations.

Total aluminium exceeded the DGV at 11 of the 12 sampled locations, with the highest result recorded at YK-RS (0.76 mg/L). CG-IS was below the DGV.

Overall, the September 2026 results reflect the combined influence of seasonal flow conditions, sediment mobilisation, catchment geology and nearby land uses. Continued monthly monitoring is recommended, with particular attention to recurring pH and dissolved oxygen departures, elevated conductivity, and dissolved solids at CG-IS and LHG-IS, and the elevated total aluminium and iron results at YK-RS. 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 September 2026 monitoring period.

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Appendix A: Field Sheet (UGL, 2025)

UGL

WATER QUALITY MONITORING FIELD SHEET

Date: 06/09/26 Personnel: MM/CC Sampling Purpose: Monthly WQM September

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: Sunny + rainy
Dec - May SSGV:		-	-	96.2	115	7.85	0.37	0.2	93.2	79.1	Weather Forecast: Fine/overcast
Jun - Nov SSGV:		-	-	89.7	88	7.62	5.12	1	60.85	98.4	Weather Time of Sampling: Overcast/windy
WC-RS Wallace Creek	12:21	13.5	713.3	87.5	68.3	7.88	7.63	/	53.3	177.1	High flow, overhanging veg, rocky bed, grassy bank, clear
WC-IS Wallace Creek	10:28	11.4	715.1	87.7	68.3	7.96	3.09	/	68.3	115.8	High flow, overhanging branches, grassy bank, rocky bed, clear, under haul bridge
CG-IS Cave Gully	12:37	13.5	712.7	86.2	492.2	8.36	1.13	/	383.8	155.2	Grassy banks, slow flow, erosion, evidence of fauna

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WATER QUALITY MONITORING FIELD SHEET

Date: 06/09/26 Personnel: MM/CC Sampling Purpose: Monthly WQM September

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: Sunny + rainy
Dec - May SSGV:		-	-	96.2	115	7.85	0.37	0.2	93.2	79.1	Weather Forecast: Fine / overcast
Jun - Nov SSGV:		-	-	89.7	88	7.62	5.12	1	60.85	98.4	Weather Time of Sampling: Overcast / windy
YR1-IS Yarrangobilly River	17:57	13.6	714.6	86.2	66.2	7.90	5.46	/	51.7	185.3	Heavy flow, clear, overhanging veg, rocky bed, grassy bank
LHG-IS Lick Hole Gully	12:52	14.8	712.8	84.3	503	8.31	2.86	/	404.6	153.2	slow flow, clear, grassy, aquatic vegetation, grassy bed, evidence of fauna
YR2-IS Yarrangobilly River	17:28	13.1	717.0	85.9	70.1	7.88	5.43	/	54.2	222.5	Fast flow, under haul bridge, rocky bed, grassy veg, evidence of fauna, clear water

UGL

UGL

WATER QUALITY MONITORING FIELD SHEET

Date: 06/09/26 Personnel: MM / CC Sampling Purpose: Monthly WQM September

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: Sunny, 20mm rain
Dec - May SSGV:		-	-	96.2	115	7.85	0.37	0.2	93.2	79.1	Weather Forecast: Fine / overcast
Jun - Nov SSGV:		-	-	89.7	88	7.62	5.12	1	60.85	98.4	Weather Time of Sampling: Overcast, windy
SSC-IS Sheep Station Creek	10:01	2.1	717.2	84.3	130.7	7.72	17.07	/	98.4	136.2	Grassy bank, slight tinge, medium flow, evidence of fauna, overhanging veg, rocky bed
TR-RS Talbingo Reservoir	15 57	12 4°	715 0	86 4	79.2	7 69	4 15	/	61 0	126 8	Fauna observed, slow flow, campers present, cobble bed, slight tinge, increased water level
YK-RS Yorkers Creek	15:48	10.7	666.3	82.2	27.2	7.12	8.85	/	19.7	171.9	Slow flow, medium tinge, overhanging branches, submerged debris, evidence of fauna, grassy

UGL

UGL

WATER QUALITY MONITORING FIELD SHEET

Date: 06/09/26 Personnel: MM/CC Sampling Purpose: Monthly WQM September

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: Sunny + rainy
Dec - May SSGV:		-	-	96.2	115	7.85	0.37	0.2	93.2	79.1	Weather Forecast: Fine/overcast
Jun - Nov SSGV:		-	-	89.7	88	7.62	5.12	1	60.85	98.4	Weather Time of Sampling: Overcast/windy
YK-IS (D/S) Yorkers Creek	15:21	10.8	669.8	79.4	32.8	7.27	4.79	/	23.9	170.3	Medium flow, eroding bank, grassy, overhanging veg, grasses + branches, rocky bed, evidence of fauna, medium tinge
NZG-IS New Zealand Gully	16:04	9.5	671.8	76.8	42.2	7.18	3.88	/	29.7	169.7	slow flow, slight tinge, eroded bank, grassy bank, overhanging and submerged veg
YK-IS Yorkers Creek	15:37	10.3	668.0	75.6	28.1	6.90	4.11	/	20.2	178.5	Adjacent to Elliott way + HLJV site, slow flow, medium tinge, eroded bank, grassy, evidence of fauna, massy

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



CERTIFICATE OF ANALYSIS

Work Order	: ES2629422	Page	: 1 of 8
Client	: UGL LIMITED	Laboratory	: Environmental Division Sydney
Contact	: LAUREN LOGUE	Contact	: Customer Services ES
Address	: Level 4, 40 Miller Street North Sydney 2060	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: +61-2-8784 8555
Project	: ----	Date Samples Received	: 10-Sep-2026 08:50
Order number	: 4501837828	Date Analysis Commenced	: 11-Sep-2026
C-O-C number	: ----	Issue Date	: 17-Sep-2026 17:57
Sampler	: Matthew Massey and Cassandra Crosby		
Site	: Cabramurra/Tumbarumba NSW		
Quote number	: ES24UGLLIM0001_V5		
No. of samples received	: 14		
No. of samples analysed	: 14		

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
Ivan Taylor	Analyst	Sydney Inorganics, Smithfield, NSW

right solutions. right partner.

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
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- EG035: Poor matrix spike recovery was obtained for Mercury on sample ES2629130 # 1. Confirmed by re-analysis.
- TDS by method EA-015 may bias high due to the presence of fine particulate matter ,which may pass through the prescribed GF/C paper.
- 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.
- 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: WATER (Matrix: WATER)				Sample ID	WC-RS	WC-IS	YR1-IS	LHG-IS	YR2-IS
				Sampling date / time	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00
Compound	CAS Number	LOR	Unit		ES2629422-001	ES2629422-002	ES2629422-003	ES2629422-004	ES2629422-005
					Result	Result	Result	Result	Result
EA015: Total Dissolved Solids dried at 180 ± 5 °C									
Total Dissolved Solids @180°C	----	10	mg/L		31	32	34	292	38
EA025: Total Suspended Solids dried at 104 ± 2°C									
Suspended Solids (SS)	----	1	mg/L		1	<1	<1	<1	2
ED093F: SAR and Hardness Calculations									
Total Hardness as CaCO3	----	1	mg/L		28	28	31	270	31
EG020F: Dissolved Metals by ICP-MS									
Aluminium	7429-90-5	0.01	mg/L		0.03	0.04	0.08	<0.01	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		0.002	0.002	0.002	0.007	0.003
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	<0.05	<0.05	<0.05	0.05
EG020T: Total Metals by ICP-MS									
Aluminium	7429-90-5	0.01	mg/L		0.23	0.11	0.12	0.04	0.09
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		0.005	0.004	0.004	0.010	0.005

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	WC-RS	WC-IS	YR1-IS	LHG-IS	YR2-IS
				Sampling date / time	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00
Compound	CAS Number	LOR	Unit		ES2629422-001	ES2629422-002	ES2629422-003	ES2629422-004	ES2629422-005
					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		**0.17**	**0.08**	**0.06**	**0.07**	**0.07**
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		<0.01	**0.01**	<0.01	**0.04**	<0.01
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	<0.01	<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	<0.01	<0.01	<0.01	<0.01
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L		<0.1	<0.1	**0.1**	**0.2**	<0.1
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser									
^ Total Nitrogen as N	----	0.1	mg/L		<0.1	<0.1	**0.1**	**0.2**	<0.1
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.01**	**0.01**	<0.01	<0.01	<0.01
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

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)			Sample ID	SSC-IS	TR-RS	TR-RS (DUP)	YK-IS d/s	NZG-IS
			Sampling date / time	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00
Compound	CAS Number	LOR	Unit	ES2629422-006	ES2629422-007	ES2629422-008	ES2629422-009	ES2629422-010
				Result	Result	Result	Result	Result
EA015: Total Dissolved Solids dried at 180 ± 5 °C								
Total Dissolved Solids @180°C	----	10	mg/L	**75**	**22**	**20**	**30**	**31**
EA025: Total Suspended Solids dried at 104 ± 2°C								
Suspended Solids (SS)	----	1	mg/L	**1**	<1	<1	<1	<1
ED093F: SAR and Hardness Calculations								
Total Hardness as CaCO3	----	1	mg/L	**58**	**14**	**14**	**9**	**18**
EG020F: Dissolved Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	**0.06**	**0.06**	**0.09**	**0.11**	**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	**0.006**	**0.004**	**0.004**	**0.004**	**0.003**
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	<0.05	<0.05	**0.10**	**0.09**
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	**0.08**	**0.04**	**0.04**	**0.13**	**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	**0.007**	**0.004**	**0.004**	**0.005**	**0.005**

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	SSC-IS	TR-RS	TR-RS (DUP)	YK-IS d/s	NZG-IS
				Sampling date / time	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00
Compound	CAS Number	LOR	Unit		ES2629422-006	ES2629422-007	ES2629422-008	ES2629422-009	ES2629422-010
					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		<0.05	<0.05	<0.05	**0.14**	**0.12**
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		<0.01	**0.03**	**0.05**	**0.02**	**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		<0.01	**0.02**	**0.03**	<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**	**0.03**	<0.01	<0.01
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L		**0.1**	**0.1**	**0.2**	**0.1**	**0.1**
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser									
^ Total Nitrogen as N	----	0.1	mg/L		**0.1**	**0.1**	**0.2**	**0.1**	**0.1**
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.01**	<0.01	**0.04**	**0.04**	**0.02**
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

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	YK-IS	STANDPIPE	YK-RS	CG-IS	-----
				Sampling date / time	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00	----
Compound	CAS Number	LOR	Unit		ES2629422-011	ES2629422-012	ES2629422-013	ES2629422-014	--------
					Result	Result	Result	Result	----
EA015: Total Dissolved Solids dried at 180 ± 5 °C									
Total Dissolved Solids @180°C	----	10	mg/L		**31**	**48**	**33**	**303**	----
EA025: Total Suspended Solids dried at 104 ± 2°C									
Suspended Solids (SS)	----	1	mg/L		<1	<1	**10**	<1	----
ED093F: SAR and Hardness Calculations									
Total Hardness as CaCO3	----	1	mg/L		**5**	**26**	**5**	**287**	----
EG020F: Dissolved Metals by ICP-MS									
Aluminium	7429-90-5	0.01	mg/L		**0.13**	**0.01**	**0.20**	<0.01	----
Arsenic	7440-38-2	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	----
Cadmium	7440-43-9	0.0001	mg/L		<0.0001	<0.0001	<0.0001	<0.0001	----
Chromium	7440-47-3	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	----
Copper	7440-50-8	0.001	mg/L		<0.001	**0.002**	<0.001	<0.001	----
Nickel	7440-02-0	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	----
Lead	7439-92-1	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	----
Zinc	7440-66-6	0.005	mg/L		<0.005	<0.005	<0.005	<0.005	----
Manganese	7439-96-5	0.001	mg/L		**0.005**	<0.001	**0.007**	<0.001	----
Silver	7440-22-4	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	----
Iron	7439-89-6	0.05	mg/L		**0.12**	<0.05	**0.17**	<0.05	----
EG020T: Total Metals by ICP-MS									
Aluminium	7429-90-5	0.01	mg/L		**0.15**	**0.10**	**0.76**	**0.02**	----
Arsenic	7440-38-2	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	----
Cadmium	7440-43-9	0.0001	mg/L		<0.0001	<0.0001	<0.0001	<0.0001	----
Chromium	7440-47-3	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	----
Copper	7440-50-8	0.001	mg/L		<0.001	**0.003**	<0.001	<0.001	----
Nickel	7440-02-0	0.001	mg/L		<0.001	<0.001	**0.003**	<0.001	----
Lead	7439-92-1	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	----
Zinc	7440-66-6	0.005	mg/L		<0.005	<0.005	<0.005	<0.005	----
Manganese	7439-96-5	0.001	mg/L		**0.005**	**0.001**	**0.014**	<0.001	----

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Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Sample ID	YK-IS	STANDPIPE	YK-RS	CG-IS	-----
				Sampling date / time	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00	06-Sep-2026 00:00	----
Compound	CAS Number	LOR	Unit		ES2629422-011	ES2629422-012	ES2629422-013	ES2629422-014	--------
					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	----
Iron	7439-89-6	0.05	mg/L		**0.15**	<0.05	**0.49**	<0.05	----
EG035F: Dissolved Mercury by FIMS									
Mercury	7439-97-6	0.0001	mg/L		<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	----
EK026SF: Total CN by Segmented Flow Analyser									
Total Cyanide	57-12-5	0.002	mg/L		<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		<0.01	**0.01**	**0.02**	<0.01	----
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	----
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N	14797-55-8	0.01	mg/L		<0.01	**0.04**	<0.01	<0.01	----
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		<0.01	**0.04**	<0.01	<0.01	----
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L		**0.2**	<0.1	**0.2**	<0.1	----
EK062G: Total Nitrogen as N (TKN + NOx) by Discrete Analyser									
^ Total Nitrogen as N	----	0.1	mg/L		**0.2**	<0.1	**0.2**	<0.1	----
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.02**	<0.01	**0.01**	<0.01	----
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	----

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Appendix C: September 2026 WQ Monitoring ResultsA

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	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)	Dissolved Ni (mg/L)
4	**Default Guideline Value (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	0.008
5	**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	0.001
64	**Dec - May Site Specific Guideline Value (SSGV)**				96.2	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	0.001
65	**June - Nov SSGV**				89.7	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	0.001
66	**WC-RS**	Mar-24	No	10.7	87.5	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*	*0.001*
67		Apr-24	No	10.7	94.8	-	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*	*0.001*
68		May-24	No	2.1	93.8	-	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*	*0.001*
69		Jun-24	No	4.7	92.9	-	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*	*0.001*
70		Jul-24	No	6.4	91.9	-	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*	*0.001*
71		Aug-24	No	10.4	80.6	-	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*	*0.001*
72		Sep-24	No	11.7	92.0	-	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*	*0.001*
73		Oct-24	No	9.3	92.7	-	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*	*0.001*
74		Nov-24	No	12.2	90.6	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*	*0.001*
75		Dec-24	Yes	12.7	90.0	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*	*0.001*
76	*sample not a	Jan-25	No	26.6	83.2	-	27.3	-	8.13	-	0.65	-	-	-	-	-	-	-	-	-	-	-
77		Feb-25	No	16.3	86.0	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*	*0.001*
78		Mar-25	Yes	14.7	92.7	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*	*0.001*
79		Apr-25	No	17.6	91.8	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*	*0.001*
80		May-25	Yes	9.9	96.0	-	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*	*0.001*
81		Jun-25	No	5.9	89.1	-	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*	*0.001*
82		Jul-25	No	8.6	87.6	-	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*	*0.001*
83		Aug-25	No	9.7	94.9	-	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*	*0.001*
84	*sample not a	Sep-25	No	5.3	93.3	-	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*	*0.001*
85		Oct-25	Yes	8.6	93.4	-	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*	*0.001*
86		Nov-25	No	16.3	76.4	-	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*	*0.001*
87		Dec-25	No	17.2	80.1	-	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*	*0.001*
88		Jan-26	No	27.6	90.2	-	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*	*0.001*
89		Feb-26	Yes	19.2	86.3	-	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*	*0.001*
90		Mar-26	No	18.2	87.5		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*	*0.001*
91		Apr-26	No	12.0	78.6		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*	*0.001*
92		May-26	No	9.2	80.8		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*	*0.001*
93		Jun-26	No	7.5	85.1		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*	*0.001*
94		Jul-26	No	10.2	85.6	-	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*	*0.001*
95		Aug-26	No	4.7	83.1	-	65.5	40.1	8.06	116.9	3.23	0.03	*0.001*	*0.0001*	*0.001*	*0.001*	0.002	*0.05*	*0.001*	0.003	*0.0001*	*0.001*
96		Sep-26	No	13.5	87.5	-	68.3	53.3	7.88	177.1	7.63	0.03	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.002	*0.0001*	*0.001*

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	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 Kjedahl 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)	
4	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	
5	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	
64	0.2	0.02	0.00002	0.002	0.013	0.015	0.020	47	0.2	52	0.2													
65	0.2	0.02	0.00002	0.002	0.013	0.015	0.015	30	0.2	39	1.0													
66	*0.1*	0.03	*0.00001*	*0.001*	0.050	0.05	*0.005*	42	*0.1*	70	*0.1*	-	-	-	-	-	-	-	-	-	-	-	-	
67	*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*	
68	*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*	
69	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*	
70	*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*	
71	*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*	
72	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*	
73	*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*	
74	*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*	
75	*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*	
76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
77	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*	
78	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*	
79	*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*	
80	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*	
81	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*	
82	*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*	
83	*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*	
84	*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*	
85	*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*	
86	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*	
87	*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*	
88	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*	
89	*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*	
90	*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*	
91	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*	
92	*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*	
93	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*	
94	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*	
95	*0.1*	0.03	*0.001*	0.008	0.050	*0.01*	*0.01*	28	*0.1*	28	2	0.08	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.005	*0.001*	*0.001*	0.024	0.08	*0.0001*	
96	*0.1*	*0.01*	*0.001*	*0.005*	*0.010*	*0.01*	*0.01*	28	*0.1*	31	*1*	0.23	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.005	*0.001*	*0.001*	*0.005*	0.17	*0.0001*	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	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)	Dissolved Ni (mg/L)
4	**Default Guideline Value (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	0.008
5	**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	0.001
64	**Dec - May Site Specific Guideline Value (SSGV)**				96.2	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	0.001
65	**June - Nov SSGV**				89.7	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	0.001
99	**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*	*0.0005*
100		Apr-24	No	10.7	95.0	-	145.2	-	8.45	-	0.9	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	0.07	*0.001*	0.006	*0.0001*	*0.001*
101		May-24	No	2.1	94.1	-	154.9	-	7.86	-	0.3	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	0.004	*0.05*	*0.001*	0.007	*0.0001*	*0.001*
102		Jun-24	No	4.8	93.3	-	126.7	-	7.72	-	0.35	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.004	*0.0001*	*0.001*
103		Jul-24	No	6.6	91.2	-	46.6	-	6.96	-	7.65	0.07	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.002	*0.0001*	*0.001*
104		Aug-24	No	10.5	91.5	-	45.6	-	7.83	-	5.85	0.02	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	*0.001*	*0.0001*	*0.001*
105		Sep-24	No	11.7	92.9	-	54.4	-	7.83	-	5.5	0.04	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.005	*0.0001*	*0.001*
106		Oct-24	No	9.5	93.3	-	52.1	-	7.66	-	1.4	0.02	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.002	*0.0001*	*0.001*
107		Nov-24	No	12.2	90.4	9.9	82	82	7.63	245	0.3	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.002	*0.0001*	*0.001*
108		Dec-24	No	12.7	91.1	10.1	41.3	72	7.48	259	1.4	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	*0.001*	*0.0001*	*0.001*
109		Jan-25	No	17.8	85.7	9.1	24.5	108	7.80	232	2.75	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.007	*0.0001*	*0.001*
110		Feb-25	No	16.3	85.2	9.4	26	123	7.80	164	4.08	0.06	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	0.08	*0.001*	0.007	*0.0001*	*0.001*
111		Mar-25	No	16.1	95.8	9.7	31.8	145	8.33	170	1.13	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.006	*0.0001*	*0.001*
112		Apr-25	No	17.3	92.8	10.6	33.5	155	8.66	197	1.02	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.005	*0.0001*	*0.001*
113		May-25	No	9.4	96.1	-	34.3	24.1	8.71	110.9	1.4	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.006	*0.0001*	*0.001*
114		Jun-25	No	5.8	89.6	-	24.5	15.5	8.30	113.6	5.1	0.02	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.003	*0.0001*	*0.001*
115		Jul-25	No	8.1	85.9	-	11.2	7.6	9.40	199.4	9.92	0.06	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	*0.001*	*0.0001*	*0.001*
116		Aug-25	No	10.3	96.5	-	13.7	9.8	7.00	294.9	3.93	0.02	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.002	*0.0001*	*0.001*
117		Sep-25	No	5.2	93.9	-	72.1	44.9	8.50	178.5	6	0.03	*0.001*	*0.0001*	*0.001*	0.003	*0.002*	*0.05*	*0.001*	0.002	*0.0001*	*0.001*
118		Oct-25	No	11.9	100.6	-	89.7	67.2	7.64	110.3	0.88	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.002	*0.0001*	*0.001*
119		Nov-25	No	14.7	76.5	-	95.3	76.5	7.84	147	1.15	*0.01*	*0.001*	*0.0001*	*0.001*	0.005	*0.002*	*0.05*	*0.001*	0.003	*0.0001*	*0.001*
120		Dec-25	No	17.6	81.8	-	109	93.5	8.10	132.1	4.29	0.02	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.003	*0.0001*	*0.001*
121		Jan-26	No	24.3	87.8	-	181.8	88.1	8.22	113.9	6.91	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.008	*0.0001*	*0.001*
122		Feb-26	No	21.0	90.4	-	206.9	191.7	8.05	145.6	1.28	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.008	*0.0001*	*0.001*
123		Mar-26	No	18.3	87.2	-	68.9	60.8	8.03	135.8	2.54	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.007	*0.0001*	*0.001*
124		Apr-26	No	11.7	78.5	-	85.7	64	8.01	130	0.8	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.003	*0.0001*	*0.001*
125		May-26	No	9.0	81.3	-	81.4	56.6	7.86	124.3	2.1	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.003	*0.0001*	*0.001*
126		Jun-26	No	6.7	85.3	-	56	-	8.17	-	11.22	0.05	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.002	*0.0001*	*0.001*
127		Jul-26	No	9.5	84.8	-	52.6	37	7.78	122.2	17.55	0.09	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	0.08	*0.001*	0.002	*0.0001*	0.005
128		Aug-26	No	4.7	84.7	-	69.7	42.7	8.09	109.9	4.95	0.03	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.005*	*0.001*	0.002	*0.0001*	*0.001*
129		Sep-26	No	11.4	87.7	-	68.3	78.3	7.96	115.8	3.09	0.04	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.002	*0.0001*	*0.001*

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	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 Kjedahl 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)	
4	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	
5	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	
64	0.2	0.02	0.00002	0.002	0.013	0.015	0.020	47	0.2	52	0.2													
65	0.2	0.02	0.00002	0.002	0.013	0.015	0.015	30	0.2	39	1.0													
99	*0.1*	*0.005*	*0.00001*	*0.001*	0.050	0.05	*0.005*	42	*0.1*	88	*0.1*	-	-	-	-	-	-	-	-	-	-	-	-	
100	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*	
101	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*	
102	*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*	
103	*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*	
104	*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*	
105	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*	
106	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*	
107	*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*	
108	*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*	
109	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*	
110	0.2	0.02	*0.001*	*0.005*	0.040	*0.01*	*0.01*	57	0.2	68	*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*	
111	*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*	
112	*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*	
113	*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*	
114	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*	
115	0.3	0.04	*0.001*	*0.005*	0.300	0.3	*0.01*	19	0.3	35	*1*	0.14	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.01	*0.001*	*0.001*	*0.005*	0.13	*0.0001*	
116	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*	
117	*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*	
118	*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*	
119	*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*	
120	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*	
121	*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*	
122	*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*	
123	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*	
124	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*	
125	*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*	
126	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*	
127	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*	
128	*0.1*	0.02	*0.001*	0.006	0.110	0.1	*0.01*	28	*0.1*	46	2	0.05	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.004	*0.001*	*0.001*	0.015	*0.05*	*0.0001*	
129	*0.1*	*0.01*	*0.001*	*0.005*	*0.010*	*0.01*	*0.01*	28	*0.1*	32	*1*	0.11	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.004	*0.001*	*0.001*	*0.005*	0.08	*0.0001*	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	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)	Dissolved Ni (mg/L)
4	**Default Guideline Value (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	0.008
5	**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	0.001
64	**Dec - May Site Specific Guideline Value (SSGV)**				96.2	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	0.001
65	**June - Nov SSGV**				89.7	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	0.001
132	**CG-IS**	Mar-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133		Apr-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
134		May-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135		Jun-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136		Jul-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
137		Aug-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138		Sep-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139		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*	*0.001*
140		Nov-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141		Dec-24	No	14.0	88.5	9.7	29	480	8.12	255	2.84	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	*0.001*	*0.0001*	*0.001*
142		Jan-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
143		Feb-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144		Mar-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
145		Apr-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
146		May-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
147		Jun-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
148		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*	*0.001*
149		Aug-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150		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*	*0.001*
151		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*	*0.001*
152		Nov-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
153		Dec-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154		Jan-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
155		Feb-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
156		Mar-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
157		Apr-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
158		May-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
159		Jun-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160		Jul-26	No	10.3	85.6	-	477.9	344.2	8.34	121.2	12.02	0.09	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	*0.001*	*0.0001*	*0.001*
161		Aug-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
162		Sep-26	No	13.5	86.2	-	492.2	383.3	8.36	155.2	1.13	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	*0.001*	*0.0001*	*0.001*

Reference Site exceeds SSGV

Impact Site Result exceeds SSGV or DGV

italics Result exceeds the Limit of Reporting

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	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 Kjedahl 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)	
4	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	
5	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	
64	0.2	0.02	0.00002	0.002	0.013	0.015	0.020	47	0.2	52	0.2													
65	0.2	0.02	0.00002	0.002	0.013	0.015	0.015	30	0.2	39	1.0													
132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139	*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*	
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
141	*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*	
142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
145	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
146	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
148	*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*	
149	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
150	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*	
151	*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*	
152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
153	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
155	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
156	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
157	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
159	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
160	*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*	
161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
162	*0.1*	*0.01*	*0.001*	*0.005*	*0.010*	*0.01*	*0.01*	287	*0.1*	303	*1*	0.02	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.005*	*0.05*	*0.0001*	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	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)	Dissolved Ni (mg/L)
4	**Default Guideline Value (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	0.008
5	**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	0.001
64	**Dec - May Site Specific Guideline Value (SSGV)**				96.2	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	0.001
65	**June - Nov SSGV**				89.7	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	0.001
165	**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*	*0.001*
166		Apr-24	No	11.3	97.4	-	136.1	-	8.49	-	1.23	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.002	*0.0001*	*0.001*
167		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*	*0.001*
168		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*	*0.001*
169		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*	*0.001*
170		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*	*0.001*
171		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*	*0.001*
172		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*	*0.001*
173		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*	*0.001*
174		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*	*0.001*
175		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*	*0.001*
176		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*	*0.001*
177		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*	*0.001*
178		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*	*0.001*
179		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*	*0.001*
180		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*	*0.001*
181		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*	*0.001*
182		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*	*0.001*
183		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*	*0.001*
184		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*	*0.001*
185		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*	*0.001*
186		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*	*0.001*
187		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*	*0.001*
188		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*	*0.001*
189		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*	*0.001*
190		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*	*0.001*
191		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*	*0.001*
192		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*	*0.001*
193		Jul-26	No	9.9	84.8	-	65.2	46.4	8.07	120.3	17.68	0.14	9.001	*0.0001*	*0.001*	*0.001*	*0.002*	0.09	*0.001*	0.002	*0.0001*	*0.001*
194		Aug-26	No	5.2	84.7	-	112.1	69.7	8.28	87.7	4.82	0.06	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.003	0.001	*0.001*
195		Sep-26	No	13.6	86.2	-	66.2	51.7	7.90	185.3	5.46	0.08	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.002	*0.0001*	*0.001*

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	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 Kjedahl 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)	
4	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	
5	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	
64	0.2	0.02	0.00002	0.002	0.013	0.015	0.020	47	0.2	52	0.2													
65	0.2	0.02	0.00002	0.002	0.013	0.015	0.015	30	0.2	39	1.0													
165	*0.1*	*0.005*	*0.00001*	*0.001*	0.050	0.05	*0.005*	34	*0.1*	66	*0.1*													
166	*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*	
167	*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*	
168	*0.1*	*0.01*	*0.001*	*0.005*	*0.010*	*0.01*	0.03	51	*0.1*	68	*1*	0.05	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.001*	*0.005*	*0.05*	*0.0001*	
169	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*	
170	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*	
171	*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*	
172	*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*	
173	*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*	
174	*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*	
175	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*	
176	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*	
177	*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*	
178	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*	
179	*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*	
180	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*	
181	*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*	
182	0.2	0.03	*0.001*	*0.005*	*0.010*	0.2	*0.01*	41	*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*	
183	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*	
184	*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*	
185	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*	
186	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*	
187	*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*	
188	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*	
189	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*	
190	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*	
191	0.2	*0.01*	*0.001*	0.016	0.090	*0.01*	*0.01*	48	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*	
192	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*	
193	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*	
194	*0.01*	*0.01*	*0.001*	0.008	0.030	*0.01*	*0.01*	36	*0.01*	51	3	0.1	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.005	*0.001*	*0.001*	0.049	0.09	*0.0001*	
195	*0.1*	*0.01*	*0.001*	*0.005*	*0.010*	*0.01*	*0.01*	31	*0.1*	34	*1*	0.12	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.004	*0.001*	*0.001*	*0.005*	0.06	*0.0001*	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	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)	Dissolved Ni (mg/L)
4	**Default Guideline Value (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	0.008
5	**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	0.001
64	**Dec - May Site Specific Guideline Value (SSGV)**				96.2	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	0.001
65	**June - Nov SSGV**				89.7	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	0.001
198	**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*	0.003
199		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*	*0.001*
200		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*	*0.001*
201		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*	*0.001*
202		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*	*0.001*
203		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*	*0.001*
204		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*	*0.001*
205		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*	*0.001*
206		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*	*0.001*
207		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*	*0.001*
208		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*	*0.001*
209		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*	*0.001*
210		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*	*0.001*
211		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*	*0.001*
212		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*	*0.001*
213		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*	*0.001*
214		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*	*0.001*
215		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	*0.001*
216		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*	*0.001*
217		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*	*0.001*
218		Nov-25	No flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
219		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*	*0.001*
220		Jan-26	No flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
221		Feb-26	No flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
222		Mar-26	No flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
223		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*	*0.001*
224		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*	*0.001*
225		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*	*0.001*
226		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*	*0.001*
227		Aug-26	No FLow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
228		Sep-26	No	14.8	84.3	-	503	404.6	8.31	153.2	2.86	*0.01*	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.007	*0.0001*	*0.001*

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	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 Kjedahl 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)	
4	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	
5	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	
64	0.2	0.02	0.00002	0.002	0.013	0.015	0.020	47	0.2	52	0.2													
65	0.2	0.02	0.00002	0.002	0.013	0.015	0.015	30	0.2	39	1.0													
198	*0.1*	*0.01*	*0.00001*	0.006	0.050	0.05	*0.005*	297	1	330	20													
199	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*	
200	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*	
201	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*	
202	*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*	
203	*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*	
204	*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*	
205	*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*	
206	*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*	
207	*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*	
208	*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*	
209	0.3	0.08	*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*	
210	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*	
211	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*	
212	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*	
213	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*	
214	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*	
215	*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*	
216	*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*	
217	*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*	
218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
219	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*	
220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
221	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
222	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
223	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*	
224	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*	
225	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*	
226	*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*	
227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
228	0.2	*0.01*	*0.001*	*0.005*	0.040	*0.01*	*0.01*	270	0.2	292	*1*	0.04	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.01	*0.001*	*0.001*	*0.005*	0.07	*0.0001*	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	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)	Dissolved Ni (mg/L)
4	**Default Guideline Value (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	0.008
5	**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	0.001
64	**Dec - May Site Specific Guideline Value (SSGV)**				96.2	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	0.001
65	**June - Nov SSGV**				89.7	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	0.001
231	**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*	*0.001*
232		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*	*0.001*
233		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*	*0.001*
234		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*	*0.001*
235		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*	*0.001*
236		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*	*0.001*
237		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*	*0.001*
238		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*	*0.001*
239		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*	*0.001*
240		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*	*0.001*
241		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*	*0.001*
242		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*	*0.001*
243		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*	*0.001*
244		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*	*0.001*
245		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*	*0.001*
246		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*	*0.001*
247		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*	*0.001*
248		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*	*0.001*
249		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*	*0.001*
250		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*	*0.001*
251		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*	*0.001*
252		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*	*0.001*
253		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*	*0.001*
254		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*	*0.001*
255		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*	*0.001*
256		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*	*0.001*
257		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*	*0.001*
258		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*	*0.001*
259		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*	*0.001*
260		Aug-26	No	6.1	86.4	-	86.7	55.5	7.90	129.4	3.97	0.05	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.005*	*0.001*	0.004	*0.0001*	*0.001*
261		Sep-26	No	13.1	85.9	-	70.1	54.2	7.88	222.5	5.43	0.08	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.003	*0.0001*	*0.001*

Reference Site exceeds SSGV

Impact Site Result exceeds SSGV or DGV

italics Result exceeds the Limit of Reporting

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	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 Kjedahl 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)	
4	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	
5	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	
64	0.2	0.02	0.00002	0.002	0.013	0.015	0.020	47	0.2	52	0.2													
65	0.2	0.02	0.00002	0.002	0.013	0.015	0.015	30	0.2	39	1.0													
231	*0.1*	*0.005*	*0.00001*	*0.001*	0.050	0.05	*0.005*	27	1	58	*0.1*													
232	*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*	
233	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*	
234	*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*	
235	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*	
236	*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*	
237	*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*	
238	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*	
239	*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*	
240	*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*	
241	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*	
242	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*	
243	*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*	
244	*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*	
245	*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*	
246	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*	
247	*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*	
248	*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*	
249	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*	
250	*0.1*	0.02	*0.001*	*0.005*	*0.010*	*0.01*	*0.01*	33	*0.1*	56	*1*	0.08	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.003	*0.001*	*0.001*	*0.005*	0.06	*0.0001*	
251	0.2	*0.01*	*0.001*	0.019	*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*	
252	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*	
253	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*	
254	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*	
255	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*	
256	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*	
257	*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*	
258	*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*	
259	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*	
260	0.2	*0.01*	*0.001*	*0.005*	0.110	*0.01*	*0.01*	38	0.2	53	2	0.1	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.004	*0.001*	*0.001*	0.009	0.08	*0.0001*	
261	*0.1*	*0.01*	*0.001*	*0.005*	*0.010*	*0.01*	*0.01*	31	*0.1*	38	2	0.09	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.005	*0.001*	*0.001*	*0.005*	0.07	*0.0001*	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	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)	Dissolved Ni (mg/L)
4	**Default Guideline Value (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	0.008
5	**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	0.001
64	**Dec - May Site Specific Guideline Value (SSGV)**				96.2	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	0.001
65	**June - Nov SSGV**				89.7	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	0.001
264	**SSC-IS**	Mar-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
265		Apr-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
266		May-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
267		Jun-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
268		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*	*0.001*
269		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*	*0.001*
270		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*	*0.001*
271		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*	*0.001*
272		Nov-24	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
273		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*	*0.001*
274		Jan-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
275		Feb-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
276		Mar-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
277		Apr-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
278		May-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
279		Jun-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
280		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*	0.002
281		Aug-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
282		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*	*0.001*
283		Oct-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
284		Nov-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
285		Dec-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
286		Jan-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
287		Feb-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
288		Mar-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
289		Apr-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290		May-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
291		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*	*0.001*
292		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*	*0.001*
293		Aug-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
294		Sep-26	No	2.1	84.3	-	130.7	98.4	7.72	136.2	17.07	0.06	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.006	*0.0001*	*0.001*

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	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 Kjedahl 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)	
4	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	
5	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	
64	0.2	0.02	0.00002	0.002	0.013	0.015	0.020	47	0.2	52	0.2													
65	0.2	0.02	0.00002	0.002	0.013	0.015	0.015	30	0.2	39	1.0													
264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
266	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
268	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*	
269	*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*	
270	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*	0.028	0.08	*0.0001*	
271	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*	
272	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
273	*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*	
274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
278	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
280	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*	
281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
282	*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	
283	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
284	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
285	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
286	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
287	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
288	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
289	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
291	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*	
292	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*	
293	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
294	*0.1*	*0.01*	*0.001*	*0.005*	*0.01*	*0.01*	*0.01*	58	*0.1*	75	*1*	0.08	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.007	*0.001*	*0.001*	*0.005*	*0.05*	*0.0001*	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	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)	Dissolved Ni (mg/L)
298	**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	0.008
299	**LOR**				-	-	-	-	-	-	0.1	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001	0.001
300	**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	0.001
301	**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	0.001
302	**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*	*0.0005*
303		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*	*0.001*
304		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*	*0.001*
305		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*	*0.001*
306		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*	*0.001*
307		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*	*0.001*
308		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*	*0.001*
309		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*	*0.001*
310		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*	*0.001*
311		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*	*0.001*
312		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*	*0.001*
313		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*	*0.001*
314		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*	*0.001*
315		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*	*0.001*
316		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*	*0.001*
317		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*	*0.001*
318		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*	*0.001*
319		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*	*0.001*
320		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*	*0.001*
321		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*	*0.001*
322		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	*0.001*
323		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*	*0.001*
324		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*	*0.001*
325		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*	*0.001*
326		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*	*0.001*
327		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*	*0.001*
328		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*	*0.001*
329		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*	*0.001*
330		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*	*0.001*
331		Aug-26	No	9.0	92.1	-	28	19.4	7.76	137.6	2.41	0.02	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.002	*0.0001*	*0.001*
332		Sep-26	No	12.9	86.4	-	79.2	61	7.69	126.8	4.15	0.06	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	*0.05*	*0.001*	0.004	*0.0001*	*0.001*

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	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 Kjedahl 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)	
298	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	
299	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	
300	0.2	0.02	0.00002	0.002	0.013	0.015	0.02	7.5	0.1	12.5	0.2													
301	0.2	0.02	0.00002	0.002	0.013	0.015	0.015	8	0.2	15	0.2													
302	*0.1*	*0.01*	*0.00001*	*0.001*	0.050	0.05	*0.005*	8	*0.1*	44	*0.1*													
303	1.3	0.02	*0.001*	0.066	0.030	0.12	-	5	0.12	-	3	0.02	*0.001*	*0.0001*	*0.001*	0.006	*0.001*	0.039	0.002	*0.001*	0.067	0.07	*0.0001*	
304	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*	0.033	*0.001*	*0.001*	0.012	0.06	*0.0001*	
305	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*	0.056	*0.001*	*0.001*	*0.005*	0.07	*0.0001*	
306	*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*	
307	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*	
308	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*	
309	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*	
310	*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*	
311	*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*	
312	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*	
313	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*	
314	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*	
315	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*	
316	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*	
317	*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*	
318	*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*	
319	*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*	
320	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*	
321	*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*	
322	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*	
323	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*	
324	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*	
325	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*	
326	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*	
327	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*	
328	*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*	
329	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*	
330	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*	
331	*0.1*	0.02	*0.001*	*0.005*	0.020	0.04	*0.01*	5	*0.1*	22	2	0.09	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.007	*0.001*	*0.001*	0.01	0.09	*0.0001*	
332	*0.1*	*0.01*	*0.001*	*0.005*	0.030	0.02	*0.01*	14	*0.1*	22	*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*	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	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)	Dissolved Ni (mg/L)
336	**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	0.008
337	**LOR**				-	-	-	-	-	-	0.1	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001	0.001
338	**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	0.001
339	**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	0.001
340	**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*	*0.0005*
341		Apr-24	No	6.8	80.7	-	36.5	-	7.04	-	17.27	0.10		*0.0001*	*0.001*	*0.001*	*0.002*	0.12	*0.001*	0.014	*0.0001*	*0.001*
342		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*	*0.001*
343		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*	*0.001*
344		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*	*0.001*
345		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*	*0.001*
346		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*	*0.001*
347		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*	*0.001*
348		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*	*0.001*
349		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*	*0.001*
350		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*	*0.001*
351		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*	*0.001*
352		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*	*0.001*
353		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*	*0.001*
354		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*	*0.001*
355		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*	*0.001*
356		Jul-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
357		Aug-25	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
358		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*	*0.001*
359		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*	*0.001*
360		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*	*0.001*
361		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*	*0.001*
362		Jan-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
363		Feb-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
364		Mar-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
365		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*	*0.001*
366		May-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
367		Jun-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
368		Jul-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
369		Aug-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
370		Sep-26	No	10.7	82.2	-	27.2	79.7	7.12	171.9	8.85	0.2	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	0.17	*0.001*	0.007	*0.0001*	*0.001*

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	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 Kjedahl 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)	
336	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	
337	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	
338	0.2	0.02	0.00002	0.002	0.013	0.015	0.02	1	0.1	30	3													
339	0.2	0.02	0.00002	0.002	0.013	0.015	0.02	7	0.2	10	0.2													
340	*0.1*	0.03	*0.00001*	*0.003*	0.050	0.05	*0.005*	*1*	*0.1*	30	3													
341	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*	
342	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*	
343	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*	
344	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*	
345	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*	
346	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*	
347	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*	
348	*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*	
349	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*	
350	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*	
351	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*	
352	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*	
353	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*	
354	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*	
355	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*	
356	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
357	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
358	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*	
359	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*	
360	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*	
361	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*	
362	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
363	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
364	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
365	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*	
366	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
367	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
368	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
369	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
370	0.2	*0.01*	*0.001*	*0.005*	0.020	*0.01*	*0.01*	5	0.2	33	10	0.76	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.014	0.003	*0.001*	*0.005*	0.49	*0.0001*	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	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)	Dissolved Ni (mg/L)
336	**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	0.008
337	**LOR**				-	-	-	-	-	-	0.1	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001	0.001
338	**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	0.001
339	**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	0.001
373	**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*	*0.0005*
374		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*	*0.001*
375		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*	*0.001*
376		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*	*0.001*
377		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*	*0.001*
378		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*	*0.001*
379		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*	*0.001*
380		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*	*0.001*
381		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*	*0.001*
382		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*	*0.001*
383		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*	*0.001*
384		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*	*0.001*
385		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*	*0.001*
386		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*	*0.001*
387		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*	*0.001*
388		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*	*0.001*
389		Jul-25	No	5.7	81.6	-	6.4	4.1	7.95	170.2	18.25	0.45	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	0.29	*0.001*	0.005	*0.0001*	*0.001*
390		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*	*0.001*
391		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*	*0.001*
392		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*	*0.001*
393		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*	*0.001*
394		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*	*0.001*
395		Jan-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
396		Feb-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
397		Mar-26	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
398		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*	*0.001*
399		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*	*0.001*
400		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*	*0.001*
401		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*	*0.001*
402		Aug-26	No	6.3	78.6	-	35.6	22.8	7.45	140.2	6.41	0.38	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	0.17	*0.001*	0.006	*0.0001*	*0.001*
403		Sep-26	No	10.8	79.4	-	32.8	23.9	7.27	170.3	4.79	0.11	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	0.1	*0.001*	0.004	*0.0001*	*0.001*

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	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 Kjedahl 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)	
336	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	
337	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	
338	0.2	0.02	0.00002	0.002	0.013	0.015	0.02	1	0.1	30	3													
339	0.2	0.02	0.00002	0.002	0.013	0.015	0.02	7	0.2	10	0.2													
373	*0.1*	0.02	*0.00001*	*0.002*	0.050	0.05	*0.005*	*1*	*0.1*	15	*0.1*													
374	*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*	
375	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*	
376	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*	
377	0.6	0.04	*0.001*	0.007	*0.010*	0.28	*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*	
378	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*	
379	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*	
380	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*	
381	*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*	
382	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*	
383	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*	
384	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*	
385	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*	
386	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*	
387	*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*	
388	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*	
389	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*	
390	0.2	0.06	*0.001*	*0.005*	0.080	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*	
391	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*	
392	*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*	
393	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*	
394	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*	
395	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
396	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
397	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
398	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*	
399	*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*	
400	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*	
401	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*	
402	*0.02*	*0.01*	*0.001*	*0.005*	0.060	*0.01*	*0.01*	12	0.2	45	2	0.35	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.007	*0.001*	*0.001*	*0.005*	24	*0.0001*	
403	*0.1*	0.04	*0.001*	*0.005*	0.020	*0.01*	*0.01*	9	*0.1*	30	*1*	0.13	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.005	*0.001*	*0.001*	*0.005*	0.14	*0.0001*	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	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)	Dissolved Ni (mg/L)
336	**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	0.008
337	**LOR**				-	-	-	-	-	-	0.1	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001	0.001
338	**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	0.001
339	**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	0.001
406	**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*	*0.0005*
407		Apr-24	No	6.4	84.9	-	67.1	-	7.38	-	0.96	0.03		*0.0001*	*0.001*	*0.001*	*0.002*	0.08	*0.001*	0.006	*0.0001*	*0.001*
408		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*	*0.001*
409		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*	*0.001*
410		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*	*0.001*
411		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*	*0.001*
412		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*	*0.001*
413		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*	*0.001*
414		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*	*0.001*
415		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*	*0.001*
416		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*	*0.001*
417		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*	*0.001*
418		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*	*0.001*
419		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*	*0.001*
420		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*	*0.001*
421		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*	*0.001*
422		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*	*0.001*
423		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*	*0.001*
424		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*	*0.001*
425		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*	*0.001*
426		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*	*0.001*
427		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*	*0.001*
428		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*	*0.001*
429		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*	*0.001*
430		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*	*0.001*
431		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*	*0.001*
432		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*	*0.001*
433		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*	*0.001*
434		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*	*0.001*
435		Aug-26	No	6.9	78.6	-	51.1	33.4	7.70	153.1	3.88	0.08	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	0.08	*0.001*	0.005	*0.0001*	*0.001*
436		Sep-26	No	9.6	76.8	-	42.2	29.7	7.18	169.7	3.88	0.08	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	0.09	*0.001*	0.003	*0.0001*	*0.001*

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	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 Kjedahl 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)	
336	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	
337	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	
338	0.2	0.02	0.00002	0.002	0.013	0.015	0.02	1	0.1	30	3													
339	0.2	0.02	0.00002	0.002	0.013	0.015	0.02	7	0.2	10	0.2													
406	*0.1*	*0.01*	*0.00001*	*0.002*	0.050	0.05	*0.005*	10	*0.1*	22	*0.1*													
407	*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*	
408	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*	
409	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*	
410	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*	
411	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*	
412	*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*	
413	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*	
414	*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*	
415	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*	
416	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*	
417	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*	
418	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*	
419	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*	
420	*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*	
421	*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*	
422	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*	
423	*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*	
424	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*	
425	*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*	
426	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*	
427	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*	
428	*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*	
429	0.4	0.02	*0.001*	0.031	0.280	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*	
430	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*	
431	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*	
432	*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*	
433	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*	
434	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*	
435	*0.1*	0.02	*0.001*	0.009	0.030	0.1	*0.01*	18	*0.1*	46	*1*	0.23	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.007	*0.001*	*0.001*	0.01	0.21	*0.0001*	
436	*0.1*	0.02	*0.001*	*0.005*	0.020	*0.01*	*0.01*	18	*0.1*	31	*1*	0.08	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.005	*0.001*	*0.001*	*0.005*	0.12	*0.0001*	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	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)	Dissolved Ni (mg/L)
336	**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	0.008
337	**LOR**				-	-	-	-	-	-	0.1	0.01	0.001	0.0001	0.001	0.001	0.002	0.05	0.001	0.001	0.0001	0.001
338	**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	0.001
339	**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	0.001
439	**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*	*0.0005*
440		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*	*0.001*
441		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*	*0.001*
442		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*	*0.001*
443		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*	*0.001*
444		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*	0.002
445		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*	*0.001*
446		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*	*0.001*
447		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*	*0.001*
448		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*	*0.001*
449		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*	*0.001*
450		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*	*0.001*
451		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*	*0.001*
452		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*	*0.001*
453		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*	*0.001*
454		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*	*0.001*
455		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*	*0.001*
456		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*	*0.001*
457		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*	*0.001*
458		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*	*0.001*
459		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*	*0.001*
460		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*	*0.001*
461		Jan-26	Yes	24.1	78.8	-	53.6	52.7	6.69	159.5	21.83	0.09	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	0.34	*0.001*	0.087	*0.0001*	*0.001*
462		Feb-26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
463		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*	*0.001*
464		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*	*0.001*
465		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*	*0.001*
466		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*	*0.001*
467		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*	*0.001*
468		Aug-26	No	7.0	78.1	-	30.9	20.3	7.54	102.8	5.78	0.12	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	0.11	*0.001*	0.007	*0.0001*	*0.001*
469		Sep-26	No	10.3	75.6	-	28.1	20.2	6.90	178.5	4.11	0.13	*0.001*	*0.0001*	*0.001*	*0.001*	*0.002*	0.12	*0.001*	0.005	*0.0001*	*0.001*

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	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 Kjedahl 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)	
336	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	
337	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	
338	0.2	0.02	0.00002	0.002	0.013	0.015	0.02	1	0.1	30	3													
339	0.2	0.02	0.00002	0.002	0.013	0.015	0.02	7	0.2	10	0.2													
439	*0.1*	*0.01*	*0.00001*	*0.004*	0.050	0.05	*0.005*	*1*	*0.1*	21	*1*													
440	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*	
441	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*	
442	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*	
443	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*	
444	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*	
445	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*	
446	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*	
447	*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*	
448	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*	
449	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*	
450	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*	
451	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*	
452	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*	
453	*0.1*	0.03	*0.001*	*0.005*	*0.010*	*0.01*	*0.01*	14	*0.1*	33	7	0.15	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.027	*0.001*	*0.001*	*0.005*	0.58	*0.0001*	
454	0.2	0.04	*0.001*	*0.005*	0.020	*0.01*	*0.01*	12	0.2	90	5	0.28	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.011	*0.001*	*0.001*	*0.005*	0.38	*0.0001*	
455	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*	
456	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*	
457	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*	
458	*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*	
459	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*	
460	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*	
461	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*	
462	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
463	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*	
464	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*	
465	*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*	
466	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*	
467	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*	
468	*0.1*	0.02	*0.001*	0.006	0.060	*0.01*	*0.01*	5	*0.1*	58	3	0.44	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.008	*0.001*	*0.001*	*0.005*	0.28	*0.0001*	
469	0.2	0.02	*0.001*	*0.005*	*0.010*	*0.01*	*0.01*	5	0.2	31	*1*	0.15	*0.001*	*0.0001*	*0.001*	*0.001*	*0.001*	0.005	*0.001*	*0.001*	*0.005*	0.15	*0.0001*	

	Reference Site exceeds SSGV
	Impact Site Result exceeds SSGV or DGV
italics	Result exceeds the Limit of Reporting

Appendix D: Calibration Certificate

A MEMBER OF THE CIMIC GROUP
CIMIC

UGL

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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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