

**Bathurst Regional Council
Waste Water Treatment Works
EPA Licence Number 1647**

Date data published: 10/02/2023
 Summary of results for: January
 Number of measurements taken: 4
 Monitoring frequency required: Weekly

**Point 1
Discharge to Macquarie River**

	BOD	Faecal Coliforms	Total Nitrogen	Oil and Grease	pH	Total Phosphorus	Total Suspended Solids
	mg/L	CFU/100mL	mg/L	mg/L		mg/L	mg/L
Limit	30	600	20.0	10	6.5 - 8.5	2.00	30
Minimum	2	110	4.8	2	7.37	0.19	5
Mean	6	375	5.9	2	7.44	0.23	6
Median	5	300	6.0	2	7.44	0.23	5
Maximum	11	790	6.6	2	7.53	0.28	8
Exceedance	No	Yes	No	No	No	No	No

**Point 3
Environmental Monitoring Macquarie River 50m Downstream of Point 1**

	BOD	Faecal Coliforms	Total Nitrogen	Oil and Grease	pH	Total Phosphorus	Total Suspended Solids
	mg/L	CFU/100mL	mg/L	mg/L		mg/L	mg/L
Minimum	2	150	0.8	2	7.74	0.06	15
Mean	2	1073	0.8	2	7.74	0.06	15
Median	2	420	0.8	2	7.74	0.06	15
Maximum	2	3300	0.8	2	7.74	0.06	15

**Point 4
Environmental Monitoring Macquarie River Upstream of Wastewater Treatment Works**

	BOD	Faecal Coliforms	Total Nitrogen	Oil and Grease	pH	Total Phosphorus	Total Suspended Solids
	mg/L	CFU/100mL	mg/L	mg/L		mg/L	mg/L
Minimum	2	150	0.5	2	7.85	0.05	10
Mean	2	668	0.5	2	7.85	0.05	10
Median	2	310	0.5	2	7.85	0.05	10
Maximum	2	1900	0.5	2	7.85	0.05	10

Point 1

	Volume Discharged
	kL
Minimum	8,273
Mean	9,314
Median	9,191
Maximum	12,022

Summary of Units of Measure

mg/L = milligrams per litre
 CFU/100mL = colony forming units per 100 millilitres