

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

Date data published: 12/10/2023
 Summary of results for: August
 Number of measurements taken: 5
 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	3	3.5	2	7.30	0.19	5
Mean	3	4	4.9	2	7.41	0.25	6
Median	3	3	5.2	2	7.38	0.24	5
Maximum	5	6	6.0	2	7.57	0.36	10
Exceedance	No	No	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
Limit	3	100	0.5	2	7.0 - 8.5	0.05	8
Minimum	3	52	0.5	2	7.81	0.05	8
Mean	3	111	0.5	2	7.81	0.05	8
Median	3	97	0.5	2	7.81	0.05	8
Maximum	3	180	0.5	2	7.81	0.05	8

**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
Limit	2	100	0.5	2	7.0 - 8.5	0.05	8
Minimum	2	42	0.5	2	7.93	0.05	8
Mean	2	72	0.5	2	7.93	0.05	8
Median	2	77	0.5	2	7.93	0.05	8
Maximum	2	100	0.5	2	7.93	0.05	8

Point 1

	Volume Discharged
	kL
Minimum	7,726
Mean	9,073
Median	8,952
Maximum	11,154

Summary of Units of Measure

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

