

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

Date data published: 12/10/2023
 Summary of results for: September
 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	3	5	4.4	2	7.34	0.30	5
Mean	4	16	4.8	2	7.47	0.34	6
Median	4	15	4.8	2	7.45	0.33	6
Maximum	4	31	5.2	3	7.65	0.39	8
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	2	280	0.5	2	7.96	0.05	9
Minimum	2	52	0.5	2	7.96	0.05	9
Mean	2	128	0.5	2	7.96	0.05	9
Median	2	91	0.5	2	7.96	0.05	9
Maximum	2	280	0.5	2	7.96	0.05	9

**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	72	0.5	2	8.10	0.05	9
Minimum	2	28	0.5	2	8.10	0.05	9
Mean	2	45	0.5	2	8.10	0.05	9
Median	2	40	0.5	2	8.10	0.05	9
Maximum	2	72	0.5	2	8.10	0.05	9

Point 1

	Volume Discharged
	kL
Minimum	8,126
Mean	9,140
Median	9,218
Maximum	10,963

Summary of Units of Measure

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

