

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

Date data published: 11/05/2024  
 Summary of results for: May  
 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	5	6.8	2	6.74	0.30	5
Mean	2	15	12.4	2	7.20	0.56	7
Median	2	10	13.3	2	7.26	0.53	6
Maximum	3	35	17.3	2	7.40	0.85	12
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
Minimum	2	120	0.3	2	7.65	0.10	8
Mean	2	252	0.3	2	7.65	0.10	8
Median	2	300	0.3	2	7.65	0.10	8
Maximum	2	370	0.3	2	7.65	0.10	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
Minimum	2	50	0.3	2	7.73	0.12	6
Mean	2	116	0.3	2	7.73	0.12	6
Median	2	100	0.3	2	7.73	0.12	6
Maximum	2	220	0.3	2	7.73	0.12	6

**Point 1**

	Volume Discharged
	kL
Minimum	0
Mean	9,201
Median	9,348
Maximum	16,450

**Summary of Units of Measure**

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

