

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

Date data published: 11/01/2024  
 Summary of results for: December  
 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
<b>Limit</b>	<b>30</b>	<b>600</b>	<b>20.0</b>	<b>10</b>	<b>6.5 - 8.5</b>	<b>2.00</b>	<b>30</b>
Minimum	2	35	3.3	2	7.41	0.33	5
Mean	2	139	3.8	2	7.52	0.38	8
Median	2	165	3.8	2	7.51	0.38	7
Maximum	3	190	4.1	2	7.65	0.44	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
<b>Limit</b>	<b>3</b>	<b>630</b>	<b>0.8</b>	<b>2</b>	<b>7.72</b>	<b>0.08</b>	<b>16</b>
Minimum	3	630	0.8	2	7.72	0.08	16
Mean	3	1,098	0.8	2	7.72	0.08	16
Median	3	1,130	0.8	2	7.72	0.08	16
Maximum	3	1,500	0.8	2	7.72	0.08	16

**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
<b>Limit</b>	<b>2</b>	<b>420</b>	<b>0.6</b>	<b>2</b>	<b>7.64</b>	<b>0.05</b>	<b>17</b>
Minimum	2	420	0.6	2	7.64	0.05	17
Mean	2	1,105	0.6	2	7.64	0.05	17
Median	2	1,000	0.6	2	7.64	0.05	17
Maximum	2	2,000	0.6	2	7.64	0.05	17

**Point 1**

	Volume Discharged
	kL
Minimum	5,059
Mean	8,418
Median	8,270
Maximum	12,096

**Summary of Units of Measure**

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

