

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

Date data published: 10/05/2024  
 Summary of results for: April  
 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	20	4.4	2	7.17	0.45	5
Mean	2	26	5.1	3	7.40	0.53	5
Median	2	25	5.3	2	7.43	0.52	5
Maximum	2	35	5.5	4	7.59	0.62	6
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>2</b>	<b>200</b>	<b>0.8</b>	<b>2</b>	<b>7.56</b>	<b>0.07</b>	<b>20</b>
Minimum	2	200	0.8	2	7.56	0.07	20
Mean	2	2,520	0.8	2	7.56	0.07	20
Median	2	590	0.8	2	7.56	0.07	20
Maximum	2	8,700	0.8	2	7.56	0.07	20

**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>140</b>	<b>0.8</b>	<b>2</b>	<b>7.54</b>	<b>0.06</b>	<b>17</b>
Minimum	2	140	0.8	2	7.54	0.06	17
Mean	2	730	0.8	2	7.54	0.06	17
Median	2	590	0.8	2	7.54	0.06	17
Maximum	2	1,600	0.8	2	7.54	0.06	17

**Point 1**

	Volume Discharged
	kL
Minimum	7,014
Mean	9,687
Median	9,037
Maximum	20,761

**Summary of Units of Measure**

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