

## Tuross Sewage Treatment Plant - Monthly Result Summary - November 2023



Anniversary Date: 1-Apr-23  
Published Date: 18-Dec-23

Licensee: Eurobodalla Shire Council  
EPL No.: 3108  
Premises: Tuross Sewage Treatment Plant  
Address: 217 Kelly Road, Bingie, NSW, 2537  
Licence Period: 01-Apr-23 to 31-Mar-24  
EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=183820&SYSUID=1&LICID=3108>  
POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>

Required Month: **Nov-23**

Licence Point 1 (Discharge to Waters) and 4 (Discharge to Utilisation Area) - Concentration Limits			
Parameters	Unit of Measure	50 percentile concentration limit	100 percentile concentration limit
Biological Oxygen Demand	(mg/L)	15	20
Oil and Grease	(mg/L)		10
Total Suspended Solids	(mg/L)	20	30
Total Nitrogen	(mg/L)		
Total Phosphorus	(mg/L)		

See Note 1

Note 1: A 100 Percentile Concentration Limit of "10 mg/L and no visible oil and grease" applies for Point 1.

Note 2: The monitoring at Point 3, required by Condition M2.1, is conducted by the licensee to determine compliance with limits specified for discharges to Points 1 and 4 as described in Condition L3.

Licence Point 3 - Effluent Quality Monitoring (Monthly Results)							
Sample Frequency	Monthly Composite Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Composite Sample	Monthly Composite Sample		
Sampling Method	Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	Total Suspended Solids (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Obtained Date	
Sampled Date	28-Nov-23	5.00	<5	17.00	8.11	8.78	12-Dec-23
100 Percentile Exceedance?	NO	NO	NO	NO	NO		

Licence Point 3 - Effluent Quality Monitoring (Year To Date Results)					
Year to Date	Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	Total Suspended Solids (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)
Samples	9	9	9	9	9
Min	5.00	<5	6.00	6.96	2.68
Mean	7.22	2.50	13.89	11.52	5.81
Median (50th %ile)	7.00	2.50	12.00	10.50	6.62
90th %ile	11.00	2.50	21.20	17.82	8.68
Max (100th %ile)	11.00	<5	22.00	20.70	8.78

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### Licence Point 2 - Influent Volume Monitoring

Sample Frequency	Daily (Continuous)	Maximum Daily flow (kL)	7000
Sampling Method	Ultrasonic Flow Meter		
Sample Date	Rainfall (mm)	Plant Inflow (kL)	Exceedance (YES/NO)
1-Nov-22	0	387.0	NO
2-Nov-22	0	383.9	NO
3-Nov-22	0	382.0	NO
4-Nov-22	1.6	434.4	NO
5-Nov-22	8.2	466.9	NO
6-Nov-22	0	427.6	NO
7-Nov-22	0	440.4	NO
8-Nov-22	0.4	384.9	NO
9-Nov-22	0	402.6	NO
10-Nov-22	0	427.0	NO
11-Nov-22	0	481.7	NO
12-Nov-22	0	465.3	NO
13-Nov-22	0	403.9	NO
14-Nov-22	0	374.7	NO
15-Nov-22	0	374.2	NO
16-Nov-22	8.4	393.9	NO
17-Nov-22	0.6	450.3	NO
18-Nov-22	0.2	497.5	NO
19-Nov-22	0	478.7	NO
20-Nov-22	6.6	400.4	NO
21-Nov-22	1.2	410.9	NO
22-Nov-22	0	400.9	NO
23-Nov-22	9.6	448.9	NO
24-Nov-22	5.2	445.6	NO
25-Nov-22	24.6	570.9	NO
26-Nov-22	0.2	527.5	NO
27-Nov-22	3	448.8	NO
28-Nov-22	34.2	892.7	NO
29-Nov-22	88.4	3554.0	NO
30-Nov-22	3.6	1335.4	NO
<b>Monthly Total</b>	196	17492.9	
<b>Monthly Minimum</b>	0	374.16	
<b>Monthly Mean</b>	6.53	583.10	
<b>Monthly Maximum</b>	88.4	3554.01	
<b>Year to Date Total</b>	382	108728.73	
<b>Year to Date Minimum</b>	0	327.66	
<b>Year to Date Mean</b>	1.56557377	445.6095492	
<b>Year to Date Maximum</b>	88.4	3554.01	

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### EPA Licence Point Map

