

Tuross Sewage Treatment Plant - Monthly Result Summary - August 2024



Anniversary Date: 1-Apr-24
Published Date: 11-Sep-24

Licensee: Eurobodalla Shire Council
EPL No.: 3108
Premises: Tuross Sewage Treatment Plant
Address: 217 Kelly Road, Bingie, NSW, 2537
Licence Period: 01-Apr-24 to 31-Mar-25
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: Aug-24

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	6-Aug-24	7.00	<5	8.00	13.30	3.56	15-Aug-24
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	5	5	5	5	5
Min	<2	<5	4.00	5.74	0.96
Mean	3.20	2.50	6.00	8.55	2.38
Median (50th %ile)	3.00	2.50	6.00	7.24	2.75
90th %ile	5.80	2.50	8.00	12.06	3.38
Max (100th %ile)	7.00	<5	8.00	13.30	3.56

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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-Aug-24	0	443.5	NO
2-Aug-24	0	458.7	NO
3-Aug-24	0	488.8	NO
4-Aug-24	0	485.1	NO
5-Aug-24	0	421.3	NO
6-Aug-24	0	457.0	NO
7-Aug-24	0	427.6	NO
8-Aug-24	0	434.0	NO
9-Aug-24	0	447.2	NO
10-Aug-24	0	461.9	NO
11-Aug-24	0	453.7	NO
12-Aug-24	2.6	425.6	NO
13-Aug-24	23	407.5	NO
14-Aug-24	0	377.8	NO
15-Aug-24	0	419.0	NO
16-Aug-24	0	441.0	NO
17-Aug-24	0	462.0	NO
18-Aug-24	0	448.3	NO
19-Aug-24	0	445.5	NO
20-Aug-24	0	415.1	NO
21-Aug-24	0	427.5	NO
22-Aug-24	0	404.8	NO
23-Aug-24	0	448.4	NO
24-Aug-24	0	466.7	NO
25-Aug-24	0	444.5	NO
26-Aug-24	0	479.1	NO
27-Aug-24	0	429.7	NO
28-Aug-24	0	401.3	NO
29-Aug-24	0	437.3	NO
30-Aug-24	0	428.2	NO
31-Aug-24	0	449.4	NO
Monthly Total	25.6	13637.5	
Monthly Minimum	0	377.8	
Monthly Mean	0.83	439.92	
Monthly Maximum	23	488.8	
Year to Date Total	503.96	95518.39	
Year to Date Minimum	0	363.7	
Year to Date Mean	3.29	624.30	
Year to Date Maximum	113.8	4740.27	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

