

Tuross Sewage Treatment Plant - Monthly Result Summary - September 2024



Anniversary Date: 1-Apr-24
Published Date: 9-Oct-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: **Sep-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	5-Sep-24	9.00	<5	19.00	11.20	4.10	17-Sep-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	6	6	6	6	6
Min	<2	<5	4.00	5.74	0.96
Mean	4.17	2.50	8.17	8.99	2.67
Median (50th %ile)	3.50	2.50	7.00	8.72	2.93
90th %ile	8.00	2.50	13.50	12.25	3.83
Max (100th %ile)	9.00	<5	19.00	13.30	4.10

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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-Sep-24	0	444.5	NO
2-Sep-24	0	408.4	NO
3-Sep-24	0	401.4	NO
4-Sep-24	0	386.2	NO
5-Sep-24	0	390.1	NO
6-Sep-24	0	418.0	NO
7-Sep-24	0	410.0	NO
8-Sep-24	0	465.5	NO
9-Sep-24	0	425.5	NO
10-Sep-24	0	400.6	NO
11-Sep-24	0	392.5	NO
12-Sep-24	0	377.5	NO
13-Sep-24	0	442.3	NO
14-Sep-24	0	477.4	NO
15-Sep-24	0	444.9	NO
16-Sep-24	0	447.9	NO
17-Sep-24	0	418.8	NO
18-Sep-24	0	436.2	NO
19-Sep-24	0	414.1	NO
20-Sep-24	0	436.8	NO
21-Sep-24	0	463.6	NO
22-Sep-24	0	453.3	NO
23-Sep-24	0	443.8	NO
24-Sep-24	0	426.0	NO
25-Sep-24	0	416.2	NO
26-Sep-24	0	484.5	NO
27-Sep-24	0	467.0	NO
28-Sep-24	0	511.0	NO
29-Sep-24	0	501.7	NO
30-Sep-24	0	508.9	NO
Monthly Total	0	13114.7	
Monthly Minimum	0	377.54	
Monthly Mean	0.00	437.16	
Monthly Maximum	0	511	
Year to Date Total	503.96	108633.06	
Year to Date Minimum	0	363.7	
Year to Date Mean	2.75	593.62	
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

