

Tuross Sewage Treatment Plant - Monthly Result Summary - November 2024



Anniversary Date: 1-Apr-24
Published Date: 12-Dec-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: **Nov-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 Sampling Method	Monthly Composite Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Composite Sample	Monthly Composite Sample	
Sampled Date	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
26-Nov-24	5.00	<5	22.00	6.38	3.16	9-Dec-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	9	9	9	9	9
Min	<2	<5	4.00	5.74	0.96
Mean	4.89	2.50	12.56	8.98	3.36
Median (50th %ile)	4.00	2.50	8.00	7.24	3.16
90th %ile	9.40	2.50	23.40	13.34	5.12
Max (100th %ile)	11.00	<5	29.00	13.50	6.24

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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-24	3.8	424.6	NO
2-Nov-24	0	516.6	NO
3-Nov-24	0	484.0	NO
4-Nov-24	1	457.5	NO
5-Nov-24	0.6	445.5	NO
6-Nov-24	0	467.3	NO
7-Nov-24	0	437.6	NO
8-Nov-24	0	488.2	NO
9-Nov-24	3.4	499.8	NO
10-Nov-24	0.2	503.9	NO
11-Nov-24	0	446.4	NO
12-Nov-24	0	429.9	NO
13-Nov-24	0	439.1	NO
14-Nov-24	0	426.6	NO
15-Nov-24	0	461.0	NO
16-Nov-24	0	379.0	NO
17-Nov-24	5.6	499.6	NO
18-Nov-24	0	486.9	NO
19-Nov-24	0	434.6	NO
20-Nov-24	0	452.0	NO
21-Nov-24	0.6	468.0	NO
22-Nov-24	0	477.1	NO
23-Nov-24	0	496.3	NO
24-Nov-24	0	495.1	NO
25-Nov-24	0	466.8	NO
26-Nov-24	0	463.3	NO
27-Nov-24	0	434.6	NO
28-Nov-24	1	451.8	NO
29-Nov-24	8.4	421.8	NO
30-Nov-24	44	781.2	NO
Monthly Total	68.6	14135.7	
Monthly Minimum	0	379	
Monthly Mean	2.29	471.19	
Monthly Maximum	44	781.18	
Year to Date Total	572.56	138129.15	
Year to Date Minimum	0	363.7	
Year to Date Mean	2.35	566.10	
Year to Date Maximum	113.8	4740.27	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action
26-Nov-24	L3.1 Concentration Limitis	Total Suspended Solids	TSS result 22mg/L exceeded 50 percentile limit (20 mg/L) at monitoring point 3.

EPA Licence Point Map

