

Tuross Sewage Treatment Plant - Monthly Result Summary - January 2025



Anniversary Date: 1-Apr-24
Published Date: 6-Feb-25

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: **Jan-25**

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
21-Jan-25	<2	<5	4.00	4.83	3.10	31-Jan-25
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	11	11	11	11	11
Min	<2	<5	4.00	4.83	0.96
Mean	4.45	2.50	12.09	8.29	3.33
Median (50th %ile)	4.00	2.50	8.00	6.98	3.16
90th %ile	9.00	2.50	22.00	13.30	4.84
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-Jan-25	0	885.3	NO
2-Jan-25	0	763.0	NO
3-Jan-25	0	822.4	NO
4-Jan-25	0	752.7	NO
5-Jan-25	2.4	723.2	NO
6-Jan-25	4.4	690.7	NO
7-Jan-25	13.8	679.4	NO
8-Jan-25	0	683.3	NO
9-Jan-25	0	640.0	NO
10-Jan-25	100.4	2578.5	NO
11-Jan-25	18.6	2016.9	NO
12-Jan-25	9.6	1217.3	NO
13-Jan-25	1.2	978.9	NO
14-Jan-25	0	760.1	NO
15-Jan-25	12	826.8	NO
16-Jan-25	43.2	3082.9	NO
17-Jan-25	1	1014.3	NO
18-Jan-25	6.2	808.3	NO
19-Jan-25	3	849.9	NO
20-Jan-25	9.6	715.6	NO
21-Jan-25	1.2	642.3	NO
22-Jan-25	0	640.4	NO
23-Jan-25	7	616.0	NO
24-Jan-25	2	785.0	NO
25-Jan-25	0.4	721.0	NO
26-Jan-25	0	705.0	NO
27-Jan-25	0	709.0	NO
28-Jan-25	0	577.0	NO
29-Jan-25	0	556.0	NO
30-Jan-25	0	513.0	NO
31-Jan-25	0	505.0	NO
Monthly Total	236	28459.2	
Monthly Minimum	0	505	
Monthly Mean	7.61	918.04	
Monthly Maximum	100.4	3082.9	
Year to Date Total	839.76	183789.5	
Year to Date Minimum	0	47.02	
Year to Date Mean	2.74	600.62	
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

