

Tuross Sewage Treatment Plant - Monthly Result Summary - October 2024



Anniversary Date: 1-Apr-24
Published Date: 8-Nov-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: **Oct-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						
1-Oct-24	11.00	<5	29.00	13.50	6.24	12-Oct-24
29-Oct-24	3.00	<5	13.00	6.98	4.84	7-Nov-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	8	8	8	8	8
Min	<2	<5	4.00	5.74	0.96
Mean	4.88	2.50	11.38	9.31	3.39
Median (50th %ile)	3.50	2.50	8.00	8.72	3.33
90th %ile	9.60	2.50	22.00	13.36	5.26
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-Oct-24	0	495.0	NO
2-Oct-24	0	490.2	NO
3-Oct-24	0	506.0	NO
4-Oct-24	0	578.5	NO
5-Oct-24	0	657.3	NO
6-Oct-24	0	677.1	NO
7-Oct-24	0	587.9	NO
8-Oct-24	0	514.4	NO
9-Oct-24	0	517.4	NO
10-Oct-24	0	500.2	NO
11-Oct-24	0	514.4	NO
12-Oct-24	0	506.5	NO
13-Oct-24	0	506.0	NO
14-Oct-24	0	478.1	NO
15-Oct-24	0	475.4	NO
16-Oct-24	0	467.0	NO
17-Oct-24	0	451.0	NO
18-Oct-24	0	422.8	NO
19-Oct-24	0	477.1	NO
20-Oct-24	0	493.9	NO
21-Oct-24	0	433.5	NO
22-Oct-24	0	470.0	NO
23-Oct-24	0	453.3	NO
24-Oct-24	0	483.2	NO
25-Oct-24	0	509.0	NO
26-Oct-24	0	483.1	NO
27-Oct-24	0	472.0	NO
28-Oct-24	0	428.0	NO
29-Oct-24	0	461.6	NO
30-Oct-24	0	440.1	NO
31-Oct-24	0	410.4	NO
Monthly Total	0	15360.4	
Monthly Minimum	0	410.43	
Monthly Mean	0.00	495.50	
Monthly Maximum	0	677.08	
Year to Date Total	503.96	123993.44	
Year to Date Minimum	0	363.7	
Year to Date Mean	2.35	579.41	
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

