

Tuross Sewage Treatment Plant - Monthly Result Summary - August 2023



Anniversary Date: 1-Apr-23
Published Date: 11-Sep-23

Licensee: Eurobodalla Shire Council
EPL No.: 3108
Premises: Tuross Sewage Treatment Plant
Address: 217 Kelly Road, Bingie, NSW, 2537
Licence Period: 01-Apr-23 to 31-Mar-24
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-23**

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	8-Aug-23	7.00	<5	8.00	10.50	6.62	18-Aug-23
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	5.00	<5	6.00	10.50	2.68
Mean	6.00	2.50	9.00	14.44	3.82
Median (50th %ile)	6.00	2.50	8.00	12.60	3.24
90th %ile	7.00	2.50	11.60	19.26	5.40
Max (100th %ile)	7.00	<5	12.00	20.70	6.62

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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-22	0	407.9	NO
2-Aug-22	0	407.9	NO
3-Aug-22	0	407.9	NO
4-Aug-22	0	407.9	NO
5-Aug-22	0	430.0	NO
6-Aug-22	0	430.4	NO
7-Aug-22	0	384.7	NO
8-Aug-22	0	369.3	NO
9-Aug-22	0	388.1	NO
10-Aug-22	0	352.4	NO
11-Aug-22	0	391.9	NO
12-Aug-22	0	403.0	NO
13-Aug-22	0	437.1	NO
14-Aug-22	4.8	357.4	NO
15-Aug-22	0.2	400.2	NO
16-Aug-22	0	373.4	NO
17-Aug-22	0.2	378.3	NO
18-Aug-22	2.2	366.8	NO
19-Aug-22	0	420.0	NO
20-Aug-22	0	439.8	NO
21-Aug-22	0	381.7	NO
22-Aug-22	12.8	392.9	NO
23-Aug-22	0.2	368.3	NO
24-Aug-22	0	385.5	NO
25-Aug-22	0.2	390.6	NO
26-Aug-22	8.4	434.4	NO
27-Aug-22	0.2	405.7	NO
28-Aug-22	4.8	399.2	NO
29-Aug-22	0.2	408.1	NO
30-Aug-22	0.2	398.5	NO
31-Aug-22	0.2	377.3	NO
Monthly Total	34.6	12296.6	
Monthly Minimum	0	352.4	
Monthly Mean	1.12	396.66	
Monthly Maximum	12.8	439.8	
Year to Date Total	146.2	65808.24	
Year to Date Minimum	0	327.66	
Year to Date Mean	0.955555556	430.1192157	
Year to Date Maximum	34.2	938.9	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

