

Tuross Sewage Treatment Plant - Monthly Result Summary - September 2023



Anniversary Date: 1-Apr-23
Published Date: 10-Oct-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: **Sep-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	5-Sep-23	11.00	<5	20.00	8.73	7.68	14-Sep-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	6	6	6	6	6
Min	5.00	<5	6.00	8.73	2.68
Mean	6.83	2.50	10.83	13.49	4.46
Median (50th %ile)	6.50	2.50	9.50	11.95	3.41
90th %ile	9.00	2.50	16.00	18.90	7.15
Max (100th %ile)	11.00	<5	20.00	20.70	7.68

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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-22	0.2	385.4	NO
2-Sep-22	0	437.6	NO
3-Sep-22	0.2	416.0	NO
4-Sep-22	0	389.6	NO
5-Sep-22	0.2	381.2	NO
6-Sep-22	0	387.9	NO
7-Sep-22	0	380.8	NO
8-Sep-22	0	369.3	NO
9-Sep-22	0	432.1	NO
10-Sep-22	0	413.8	NO
11-Sep-22	0	382.0	NO
12-Sep-22	0	357.0	NO
13-Sep-22	0	375.5	NO
14-Sep-22	0.2	374.3	NO
15-Sep-22	0	381.3	NO
16-Sep-22	0	447.1	NO
17-Sep-22	0	436.5	NO
18-Sep-22	0	382.0	NO
19-Sep-22	0	382.2	NO
20-Sep-22	0	375.1	NO
21-Sep-22	0.4	379.8	NO
22-Sep-22	0	393.8	NO
23-Sep-22	0	444.3	NO
24-Sep-22	0	441.5	NO
25-Sep-22	0	429.8	NO
26-Sep-22	4.4	431.9	NO
27-Sep-22	0.4	427.9	NO
28-Sep-22	0	441.8	NO
29-Sep-22	0	521.4	NO
30-Sep-22	0	593.2	NO
Monthly Total	6	12392.1	
Monthly Minimum	0	357	
Monthly Mean	0.20	413.07	
Monthly Maximum	4.4	593.2	
Year to Date Total	152.2	78200.32	
Year to Date Minimum	0	327.66	
Year to Date Mean	0.831693989	427.324153	
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

