

Tuross Sewage Treatment Plant - Monthly Result Summary - October 2023



Anniversary Date: 1-Apr-23
Published Date: 10-Nov-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: **Oct-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						
3-Oct-23	11.00	<5	22.00	6.96	8.04	14-Oct-23
31-Oct-23	8.00	<5	21.00	7.72	8.66	8-Nov-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	8	8	8	8	8
Min	5.00	<5	6.00	6.96	2.68
Mean	7.50	2.50	13.50	11.95	5.44
Median (50th %ile)	7.00	2.50	11.50	10.90	5.10
90th %ile	11.00	2.50	21.30	18.18	8.23
Max (100th %ile)	11.00	<5	22.00	20.70	8.66

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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-22	0	590.2	NO
2-Oct-22	0	523.1	NO
3-Oct-22	0	469.6	NO
4-Oct-22	12.2	441.6	NO
5-Oct-22	3	458.6	NO
6-Oct-22	0	458.9	NO
7-Oct-22	0	463.9	NO
8-Oct-22	0	439.0	NO
9-Oct-22	0	381.0	NO
10-Oct-22	0	357.0	NO
11-Oct-22	0	392.5	NO
12-Oct-22	12.2	424.0	NO
13-Oct-22	0.2	413.5	NO
14-Oct-22	0	429.8	NO
15-Oct-22	0	425.9	NO
16-Oct-22	3.4	384.6	NO
17-Oct-22	0	380.9	NO
18-Oct-22	0	382.7	NO
19-Oct-22	0	391.1	NO
20-Oct-22	0	387.7	NO
21-Oct-22	0	434.4	NO
22-Oct-22	0	432.2	NO
23-Oct-22	0	384.4	NO
24-Oct-22	1.6	378.6	NO
25-Oct-22	0.4	365.0	NO
26-Oct-22	0.8	387.6	NO
27-Oct-22	0	381.3	NO
28-Oct-22	0	428.3	NO
29-Oct-22	0	441.7	NO
30-Oct-22	0	402.4	NO
31-Oct-22	0	404.1	NO
Monthly Total	33.8	13035.6	
Monthly Minimum	0	357	
Monthly Mean	1.09	420.50	
Monthly Maximum	12.2	590.2	
Year to Date Total	186	91235.87	
Year to Date Minimum	0	327.66	
Year to Date Mean	0.869158879	426.3358411	
Year to Date Maximum	34.2	938.9	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action
3-Oct-23	Concentration limit	Total Suspended Solids	Total Suspended Solids (22.0 mg/L) exceeded 90 percentile concentration limit (20.0 mg/L) at monitoring point 3
31-Oct-23	Concentration limit	Total Suspended Solids	Total Suspended Solids (21.0 mg/L) exceeded 90 percentile concentration limit (20.0 mg/L) at monitoring point 3

EPA Licence Point Map

