

Tuross Sewage Treatment Plant - Monthly Result Summary - November 2022



Anniversary Date: 1-Apr-21
Published Date: 5-Mar-23

Licensee: Eurobodalla Shire Council
EPL No.: 3108
Premises: Tuross Sewage Treatment Plant
Address: 217 Kelly Road, Bingie, NSW, 2537
Licence Period: 01-Apr-21 to 31-Mar-22
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: **Nov-22**

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
1-Nov-22	5.00	<5	9.00	5.98	0.86	10-Nov-22
29-Nov-22	9.00	<5	23.00	7.50	1.72	9-Dec-22
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	9	9	9	9	9
Min	<2	<5	3.00	5.03	0.66
Mean	4.89	2.50	8.56	10.56	1.85
Median (50th %ile)	5.00	2.50	6.00	9.20	1.72
90th %ile	6.60	2.50	14.20	15.12	2.86
Max (100th %ile)	9.00	<5	23.00	16.00	3.12

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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-Nov-22	7	687.9	NO
2-Nov-22	0	544.4	NO
3-Nov-22	0	489.8	NO
4-Nov-22	0	505.6	NO
5-Nov-22	0.2	538.7	NO
6-Nov-22	0	521.0	NO
7-Nov-22	0	469.1	NO
8-Nov-22	0	449.3	NO
9-Nov-22	0	476.0	NO
10-Nov-22	0	448.4	NO
11-Nov-22	11.2	468.8	NO
12-Nov-22	0.2	526.9	NO
13-Nov-22	11.6	531.3	NO
14-Nov-22	0.2	523.0	NO
15-Nov-22	9.2	524.3	NO
16-Nov-22	2	586.8	NO
17-Nov-22	0	524.2	NO
18-Nov-22	0	512.5	NO
19-Nov-22	0	522.8	NO
20-Nov-22	0	523.1	NO
21-Nov-22	0	439.9	NO
22-Nov-22	0	447.8	NO
23-Nov-22	0	446.0	NO
24-Nov-22	7.2	478.0	NO
25-Nov-22	5.2	529.3	NO
26-Nov-22	0.2	572.0	NO
27-Nov-22	4.4	537.0	NO
28-Nov-22	3	474.2	NO
29-Nov-22	0.4	484.8	NO
30-Nov-22	0	446.5	NO
Monthly Total	62	15229.3	
Monthly Minimum	0	439.9	
Monthly Mean	2.07	507.64	
Monthly Maximum	11.6	687.86	
Year to Date Total	623.9	155768.38	
Year to Date Minimum	0	367.63	
Year to Date Mean	2.556967213	638.395	
Year to Date Maximum	54.4	3494	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action
29-Nov-22	Concentration Limit	Total Suspended Solids	TSS result (23 mg/L) exceeded the 90 percentile concentration limit (20 mg/L) at monitoring point 3.

EPA Licence Point Map

