

## Tuross Sewage Treatment Plant - Monthly Result Summary - October 2022



Anniversary Date: 1-Apr-21  
Published Date: 14-Nov-22

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: **Oct-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	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	4-Oct-22	6.00	<5	6.00	9.20	0.66	16-Oct-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	7	7	7	7	7
Min	<2	<5	3.00	5.03	0.66
Mean	4.29	2.50	6.43	11.65	2.01
Median (50th %ile)	5.00	2.50	6.00	14.20	2.18
90th %ile	6.00	2.50	9.00	15.34	2.93
Max (100th %ile)	6.00	<5	12.00	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-Oct-22	3.6	1921.8	NO
2-Oct-22	0	1159.4	NO
3-Oct-22	0.2	866.6	NO
4-Oct-22	1.6	676.6	NO
5-Oct-22	14.2	886.9	NO
6-Oct-22	40	2857.3	NO
7-Oct-22	5.6	1361.0	NO
8-Oct-22	23.8	1573.6	NO
9-Oct-22	13.8	2020.9	NO
10-Oct-22	0	981.4	NO
11-Oct-22	0	751.0	NO
12-Oct-22	0	622.8	NO
13-Oct-22	0.2	573.0	NO
14-Oct-22	1.8	572.0	NO
15-Oct-22	11.6	732.3	NO
16-Oct-22	10	1157.6	NO
17-Oct-22	0.2	768.1	NO
18-Oct-22	0	633.3	NO
19-Oct-22	0	592.7	NO
20-Oct-22	6.8	558.4	NO
21-Oct-22	10	643.6	NO
22-Oct-22	0.4	800.0	NO
23-Oct-22	11.4	809.7	NO
24-Oct-22	4.4	2368.4	NO
25-Oct-22	0	1990.1	NO
26-Oct-22	0	1125.8	NO
27-Oct-22	0	789.7	NO
28-Oct-22	0	690.5	NO
29-Oct-22	0.8	645.8	NO
30-Oct-22	0	589.6	NO
31-Oct-22	0	516.4	NO
<b>Monthly Total</b>	160.4	32236.1	
<b>Monthly Minimum</b>	0	516.35	
<b>Monthly Mean</b>	5.17	1039.87	
<b>Monthly Maximum</b>	40	2857.3	
<b>Year to Date Total</b>	561.9	140539.08	
<b>Year to Date Minimum</b>	0	367.63	
<b>Year to Date Mean</b>	2.625700935	656.7246729	
<b>Year to Date Maximum</b>	54.4	3494	

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### EPA Licence Point Map

