

Tuross Sewage Treatment Plant - Monthly Result Summary - December 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: Dec-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	Monthly	Monthly	Monthly	Monthly	
Sampling Method	Composite Sample	Grab Sample	Composite Sample	Composite Sample	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
28-Dec-22	2.00	<5	11.00	6.66	2.74	10-Jan-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	10	10	10	10	10
Min	<2	<5	3.00	5.03	0.66
Mean	4.60	2.50	8.80	10.17	1.94
Median (50th %ile)	5.00	2.50	6.50	8.55	1.95
90th %ile	6.30	2.50	13.10	15.01	2.83
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-Dec-22	0	423.8	NO
2-Dec-22	0	454.2	NO
3-Dec-22	0	501.6	NO
4-Dec-22	0	493.4	NO
5-Dec-22	0	464.4	NO
6-Dec-22	0	475.1	NO
7-Dec-22	0	468.6	NO
8-Dec-22	0	439.0	NO
9-Dec-22	0	455.2	NO
10-Dec-22	0	507.5	NO
11-Dec-22	0	474.8	NO
12-Dec-22	0	454.6	NO
13-Dec-22	0	447.4	NO
14-Dec-22	0	414.4	NO
15-Dec-22	0	422.4	NO
16-Dec-22	0	444.4	NO
17-Dec-22	0	474.3	NO
18-Dec-22	0	501.2	NO
19-Dec-22	0	493.9	NO
20-Dec-22	0	489.7	NO
21-Dec-22	0	514.5	NO
22-Dec-22	0.8	502.9	NO
23-Dec-22	0	579.2	NO
24-Dec-22	0	0.0	NO
25-Dec-22	0	630.6	NO
26-Dec-22	0	609.6	NO
27-Dec-22	0	777.0	NO
28-Dec-22	0.2	794.0	NO
29-Dec-22	1.6	740.9	NO
30-Dec-22	8.4	799.7	NO
31-Dec-22	0.2	892.9	NO
Monthly Total	11.2	16141.2	
Monthly Minimum	0	0	
Monthly Mean	0.36	520.68	
Monthly Maximum	8.4	892.9	
Year to Date Total	635.1	171909.54	
Year to Date Minimum	0	367.63	
Year to Date Mean	2.309454545	627.4070803	
Year to Date Maximum	54.4	3494	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

