

Tuross Sewage Treatment Plant - Monthly Result Summary - August 2022



Anniversary Date: 1-Apr-21
Published Date: 16-Sep-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: **Aug-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
9-Aug-22	5.00	<5	6.00	14.30	2.80	24-Aug-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	5	5	5	5	5
Min	<2	<5	3.00	5.03	1.44
Mean	3.60	2.50	5.40	11.49	2.06
Median (50th %ile)	4.00	2.50	6.00	14.20	2.18
90th %ile	5.00	2.50	6.60	15.32	2.64
Max (100th %ile)	5.00	<5	7.00	16.00	2.80

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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-Aug-22	0	425.9	NO
2-Aug-22	0	396.8	NO
3-Aug-22	0	384.4	NO
4-Aug-22	4.6	387.8	NO
5-Aug-22	0.4	436.3	NO
6-Aug-22	0.4	454.4	NO
7-Aug-22	0	437.7	NO
8-Aug-22	0	413.1	NO
9-Aug-22	0	390.3	NO
10-Aug-22	0	393.5	NO
11-Aug-22	0.2	367.6	NO
12-Aug-22	0	393.5	NO
13-Aug-22	1.8	410.9	NO
14-Aug-22	0	448.6	NO
15-Aug-22	2.4	412.6	NO
16-Aug-22	0	398.3	NO
17-Aug-22	0	379.8	NO
18-Aug-22	0	398.3	NO
19-Aug-22	1.2	379.8	NO
20-Aug-22	0	373.1	NO
21-Aug-22	0	391.1	NO
22-Aug-22	0	439.9	NO
23-Aug-22	10	451.7	NO
24-Aug-22	0	416.2	NO
25-Aug-22	0	395.7	NO
26-Aug-22	0.4	427.0	NO
27-Aug-22	0	435.3	NO
28-Aug-22	0	450.6	NO
29-Aug-22	1.2	403.1	NO
30-Aug-22	0	399.5	NO
31-Aug-22	0	403.3	NO
Monthly Total	22.6	12695.9	
Monthly Minimum	0	367.63	
Monthly Mean	0.73	409.54	
Monthly Maximum	10	454.4	
Year to Date Total	198.1	87336.13	
Year to Date Minimum	0	367.63	
Year to Date Mean	1.294771242	570.8243791	
Year to Date Maximum	18.6	3494	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

