

Tuross Sewage Treatment Plant - Monthly Result Summary - July 2022



Anniversary Date: 1-Apr-21
Published Date: 26-Aug-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: Jul-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	12-Jul-22	5.00	<5	5.00	14.20	2.18	26-Jul-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	4	4	4	4	4
Min	<2	<5	3.00	5.03	1.44
Mean	3.25	2.50	5.25	10.78	1.88
Median (50th %ile)	3.50	2.50	5.50	11.05	1.84
90th %ile	4.70	2.50	6.70	15.46	2.33
Max (100th %ile)	5.00	<5	7.00	16.00	2.40

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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-Jul-22	2.4	373.3	NO
2-Jul-22	8	413.4	NO
3-Jul-22	13	583.3	NO
4-Jul-22	1.8	532.0	NO
5-Jul-22	0	478.8	NO
6-Jul-22	0.2	474.2	NO
7-Jul-22	0.2	464.2	NO
8-Jul-22	0	493.8	NO
9-Jul-22	5.8	498.7	NO
10-Jul-22	3	519.5	NO
11-Jul-22	0.4	534.4	NO
12-Jul-22	0.2	487.3	NO
13-Jul-22	0	465.8	NO
14-Jul-22	0	465.0	NO
15-Jul-22	0	485.3	NO
16-Jul-22	0	485.3	NO
17-Jul-22	0	451.1	NO
18-Jul-22	0	416.2	NO
19-Jul-22	0	395.2	NO
20-Jul-22	0.6	394.9	NO
21-Jul-22	1.2	384.2	NO
22-Jul-22	0.6	435.0	NO
23-Jul-22	0	458.9	NO
24-Jul-22	0.2	479.9	NO
25-Jul-22	0	427.7	NO
26-Jul-22	6.2	408.1	NO
27-Jul-22	0	410.1	NO
28-Jul-22	1.2	414.4	NO
29-Jul-22	0.2	434.7	NO
30-Jul-22	0	448.2	NO
31-Jul-22	0	416.0	NO
Monthly Total	45.2	14128.7	
Monthly Minimum	0	373.3	
Monthly Mean	1.46	455.76	
Monthly Maximum	13	583.3	
Year to Date Total	175.5	74640.26	
Year to Date Minimum	0	373.3	
Year to Date Mean	1.43852459	611.8054098	
Year to Date Maximum	18.6	3494	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

