

Tuross Sewage Treatment Plant - Monthly Result Summary - July 2023



Anniversary Date: 1-Apr-23
Published Date: 29-Aug-23

Licensee: Eurobodalla Shire Council
EPL No.: 3108
Premises: Tuross Sewage Treatment Plant
Address: 217 Kelly Road, Bingie, NSW, 2537
Licence Period: 01-Apr-23 to 31-Mar-24
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-23

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	11-Jul-23	5.00	<5	6.00	17.10	3.24	19-Jul-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	4	4	4	4	4
Min	5.00	<5	6.00	11.30	2.68
Mean	5.75	2.50	9.25	15.43	3.12
Median (50th %ile)	5.50	2.50	9.50	14.85	3.11
90th %ile	6.70	2.50	11.70	19.62	3.48
Max (100th %ile)	7.00	<5	12.00	20.70	3.58

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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	0	443.6	NO
2-Jul-22	0	432.9	NO
3-Jul-22	0.2	400.1	NO
4-Jul-22	0	369.9	NO
5-Jul-22	0	405.8	NO
6-Jul-22	0	391.8	NO
7-Jul-22	0	464.5	NO
8-Jul-22	0	453.3	NO
9-Jul-22	0	480.4	NO
10-Jul-22	0	432.9	NO
11-Jul-22	0	432.2	NO
12-Jul-22	0	419.6	NO
13-Jul-22	0	396.2	NO
14-Jul-22	0	396.3	NO
15-Jul-22	0	422.2	NO
16-Jul-22	0	417.8	NO
17-Jul-22	0	395.4	NO
18-Jul-22	0	397.1	NO
19-Jul-22	0	370.0	NO
20-Jul-22	0	354.9	NO
21-Jul-22	0	367.6	NO
22-Jul-22	0	406.7	NO
23-Jul-22	0	419.6	NO
24-Jul-22	0	388.4	NO
25-Jul-22	0	364.5	NO
26-Jul-22	0	364.2	NO
27-Jul-22	0	374.6	NO
28-Jul-22	0	384.4	NO
29-Jul-22	0	418.2	NO
30-Jul-22	0	436.6	NO
31-Jul-22	0	385.8	NO
Monthly Total	0.2	12587.5	
Monthly Minimum	0	354.9	
Monthly Mean	0.01	406.05	
Monthly Maximum	0.2	480.42	
Year to Date Total	111.6	53511.68	
Year to Date Minimum	0	327.66	
Year to Date Mean	0.914754098	438.6203279	
Year to Date Maximum	34.2	938.9	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

