

Tuross Sewage Treatment Plant - Monthly Result Summary - April 2023



Anniversary Date: 1-Apr-23
Published Date: 27-Jun-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: Apr-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	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
18-Apr-23	5.00	<5	12.00	11.30	2.68	28-Apr-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	1	1	1	1	1
Min	5.00	<5	12.00	11.30	2.68
Mean	5.00	2.50	12.00	11.30	2.68
Median (50th %ile)	5.00	2.50	12.00	11.30	2.68
90th %ile	5.00	2.50	12.00	11.30	2.68
Max (100th %ile)	5.00	<5	12.00	11.30	2.68

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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-Apr-22	0	444.1	NO
2-Apr-22	0	452.1	NO
3-Apr-22	0	422.7	NO
4-Apr-22	0	409.2	NO
5-Apr-22	0	425.1	NO
6-Apr-22	0	487.0	NO
7-Apr-22	6.3	593.4	NO
8-Apr-22	0.2	664.1	NO
9-Apr-22	0.2	653.6	NO
10-Apr-22	0	660.8	NO
11-Apr-22	0	532.2	NO
12-Apr-22	2.6	481.8	NO
13-Apr-22	34.2	938.9	NO
14-Apr-22	1.1	737.6	NO
15-Apr-22	0.2	649.2	NO
16-Apr-22	8	536.4	NO
17-Apr-22	0	515.1	NO
18-Apr-22	0	487.9	NO
19-Apr-22	0	475.6	NO
20-Apr-22	0	456.4	NO
21-Apr-22	0	491.8	NO
22-Apr-22	0.2	500.5	NO
23-Apr-22	0	475.7	NO
24-Apr-22	0	495.8	NO
25-Apr-22	0	484.1	NO
26-Apr-22	0	433.6	NO
27-Apr-22	0	418.8	NO
28-Apr-22	3.6	408.0	NO
29-Apr-22	5.8	406.3	NO
30-Apr-22	21.8	730.8	NO
Monthly Total	84.2	15868.4	
Monthly Minimum	0	406.26	
Monthly Mean	2.81	528.95	
Monthly Maximum	34.2	938.9	
Year to Date Total	84.2	15868.43	
Year to Date Minimum	0	406.26	
Year to Date Mean	2.806666667	528.9476667	
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

