

Tuross Sewage Treatment Plant - Monthly Result Summary - March 2024



Anniversary Date: 1-Apr-23
Published Date: 12-Apr-24

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: Mar-24

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
19-Mar-24	8.00	<5	10.00	14.80	3.80	28-Mar-24
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	13	13	13	13	13
Min	<2	<5	2.00	6.06	2.68
Mean	6.23	2.50	11.31	10.67	5.16
Median (50th %ile)	6.00	2.50	10.00	8.73	3.94
90th %ile	10.40	2.50	20.80	16.64	8.54
Max (100th %ile)	11.00	<5	22.00	20.70	8.78

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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-Mar-24	0	425.7	NO
2-Mar-24	2.6	464.0	NO
3-Mar-24	0.2	508.9	NO
4-Mar-24	0	436.7	NO
5-Mar-24	0	408.3	NO
6-Mar-24	0	408.3	NO
7-Mar-24	0	403.2	NO
8-Mar-24	0	470.5	NO
9-Mar-24	0	535.7	NO
10-Mar-24	0	553.4	NO
11-Mar-24	0	481.9	NO
12-Mar-24	0	423.5	NO
13-Mar-24	0	405.1	NO
14-Mar-24	1.8	388.9	NO
15-Mar-24	5	404.3	NO
16-Mar-24	0.2	451.6	NO
17-Mar-24	6	451.3	NO
18-Mar-24	31.8	1008.6	NO
19-Mar-24	1.8	750.5	NO
20-Mar-24	5.2	668.0	NO
21-Mar-24	0	538.0	NO
22-Mar-24	0	515.0	NO
23-Mar-24	1.4	508.1	NO
24-Mar-24	0	475.2	NO
25-Mar-24	0	545.7	NO
26-Mar-24	0	426.8	NO
27-Mar-24	0	396.7	NO
28-Mar-24	0	467.0	NO
29-Mar-24	0	640.0	NO
30-Mar-24	0	622.0	NO
31-Mar-24	0	631.0	NO
Monthly Total	56	15813.8	
Monthly Minimum	0	388.93	
Monthly Mean	1.81	510.12	
Monthly Maximum	31.8	1008.6	
Year to Date Total	745.8	185157.79	
Year to Date Minimum	0	327.66	
Year to Date Mean	2.04	505.90	
Year to Date Maximum	90.4	3554.01	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

