

Tuross Sewage Treatment Plant - Monthly Result Summary - December 2023



Anniversary Date: 1-Apr-23
Published Date: 5-Jan-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: Dec-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						
19-Dec-23	<2	<5	2.00	7.74	3.94	29-Dec-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	10	10	10	10	10
Min	<2	<5	2.00	6.96	2.68
Mean	6.60	2.50	12.70	11.15	5.62
Median (50th %ile)	6.50	2.50	11.50	9.62	5.28
90th %ile	11.00	2.50	21.10	17.46	8.67
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-Dec-22	8.8	1569.3	NO
2-Dec-22	31.2	1756.6	NO
3-Dec-22	0.6	1319.1	NO
4-Dec-22	0	798.7	NO
5-Dec-22	0	633.0	NO
6-Dec-22	0	520.9	NO
7-Dec-22	8.8	488.0	NO
8-Dec-22	2	482.6	NO
9-Dec-22	0.4	527.9	NO
10-Dec-22	3.2	485.1	NO
11-Dec-22	3.2	469.1	NO
12-Dec-22	0.2	428.1	NO
13-Dec-22	0	487.7	NO
14-Dec-22	0	452.8	NO
15-Dec-22	0	434.9	NO
16-Dec-22	0	472.5	NO
17-Dec-22	0	482.3	NO
18-Dec-22	6	492.3	NO
19-Dec-22	16.8	468.8	NO
20-Dec-22	1.2	545.1	NO
21-Dec-22	0	579.4	NO
22-Dec-22	0	588.0	NO
23-Dec-22	1	615.4	NO
24-Dec-22	34.2	626.0	NO
25-Dec-22	90.4	958.1	NO
26-Dec-22	6.6	2754.5	NO
27-Dec-22	0.2	2258.5	NO
28-Dec-22	2.4	1416.2	NO
29-Dec-22	0	1147.7	NO
30-Dec-22	0	1088.6	NO
31-Dec-22	0	970.8	NO
Monthly Total	217.2	26317.6	
Monthly Minimum	0	428.06	
Monthly Mean	7.01	848.96	
Monthly Maximum	90.4	2754.47	
Year to Date Total	599.2	135046.35	
Year to Date Minimum	0	327.66	
Year to Date Mean	2.18	491.08	
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

