

Tuross Sewage Treatment Plant - Monthly Result Summary - June 2021



Anniversary Date: 1-Apr-21
Published Date: 12-Jul-21

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: **Jun-21**

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	15-Jun-21	4.00	<5	7.00	8.98	3.28	26-Jun-21
100 Percentile Exceedance?	NO	NO	NO	NO	NO		

* Special Frequency 2: at least weekly during the months of November, December, January, February and March

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	3	3	3	3	3
Min	4.00	<5	8.98	8.98	3.280
Mean	4.67	2.50	13.59	13.59	4.413
Median (50th %ile)	5.00	2.50	13.50	13.50	4.440
90th %ile	5.00	2.50	17.34	17.34	5.304
Max (100th %ile)	5.00	<5	18.30	18.30	5.520

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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-Jun-21	0	345.1	NO
2-Jun-21	0	341.8	NO
3-Jun-21	5.6	347.4	NO
4-Jun-21	0	361.1	NO
5-Jun-21	0	385.6	NO
6-Jun-21	0	373.3	NO
7-Jun-21	0	358.7	NO
8-Jun-21	0	330.6	NO
9-Jun-21	12.6	340.8	NO
10-Jun-21	11.6	426.0	NO
11-Jun-21	57.8	1845.2	NO
12-Jun-21	0.2	961.4	NO
13-Jun-21	0	744.9	NO
14-Jun-21	0	606.4	NO
15-Jun-21	0	463.9	NO
16-Jun-21	15.8	548.0	NO
17-Jun-21	2.4	854.2	NO
18-Jun-21	5.8	665.1	NO
19-Jun-21	0	634.5	NO
20-Jun-21	0.8	545.0	NO
21-Jun-21	0	476.4	NO
22-Jun-21	0	446.1	NO
23-Jun-21	0	443.1	NO
24-Jun-21	1.4	411.1	NO
25-Jun-21	0.2	469.1	NO
26-Jun-21	0	459.3	NO
27-Jun-21	0	459.2	NO
28-Jun-21	0	434.6	NO
29-Jun-21	0.2	431.5	NO
30-Jun-21	1	433.1	NO
Monthly Total	115.4	15942.5	
Monthly Minimum	0	330.6	
Monthly Mean	3.85	531.42	
Monthly Maximum	57.8	1845.2	
Year to Date Total	259.6	46227.5	
Year to Date Minimum	0	330.6	
Year to Date Mean	2.852747253	507.9945055	
Year to Date Maximum	57.8	1845.2	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

