

Tuross Sewage Treatment Plant - Monthly Result Summary - July 2021



Anniversary Date: 1-Apr-21
Published Date: 5-Aug-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: Jul-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	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
13-Jul-21	7.00	<5	14.00	18.60	5.60	23-Jul-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	4	4	4	4	4
Min	4.00	<5	8.98	8.98	3.280
Mean	5.25	2.50	14.85	14.85	4.710
Median (50th %ile)	5.00	2.50	15.90	15.90	4.980
90th %ile	6.40	2.50	18.51	18.51	5.576
Max (100th %ile)	7.00	<5	18.60	18.60	5.600

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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-21	9	458.3	NO
2-Jul-21	1	554.0	NO
3-Jul-21	0	526.9	NO
4-Jul-21	0	462.9	NO
5-Jul-21	0	427.2	NO
6-Jul-21	0.2	407.0	NO
7-Jul-21	0	406.9	NO
8-Jul-21	0.2	396.8	NO
9-Jul-21	0	380.0	NO
10-Jul-21	7.8	437.1	NO
11-Jul-21	0.4	452.1	NO
12-Jul-21	0	390.5	NO
13-Jul-21	0	380.7	NO
14-Jul-21	0	341.4	NO
15-Jul-21	0	376.2	NO
16-Jul-21	0	365.0	NO
17-Jul-21	0	385.9	NO
18-Jul-21	0	388.7	NO
19-Jul-21	0	327.7	NO
20-Jul-21	0	346.2	NO
21-Jul-21	0	324.2	NO
22-Jul-21	0	360.2	NO
23-Jul-21	0.2	333.5	NO
24-Jul-21	0.4	388.5	NO
25-Jul-21	0	403.9	NO
26-Jul-21	0	357.5	NO
27-Jul-21	0	352.0	NO
28-Jul-21	0	353.3	NO
29-Jul-21	0	321.1	NO
30-Jul-21	0	360.9	NO
31-Jul-21	0	369.3	NO
Monthly Total	19.2	12135.9	
Monthly Minimum	0	321.1	
Monthly Mean	0.62	391.48	
Monthly Maximum	9	554	
Year to Date Total	278.8	58363.4	
Year to Date Minimum	0	321.1	
Year to Date Mean	2.285245902	478.3885246	
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

