

Tuross Sewage Treatment Plant - Monthly Result Summary - August 2021



Anniversary Date: 1-Apr-21
Published Date: 4-Nov-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: Aug-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	10-Aug-21	8.00	<5	16.00	7.72	3.16	20-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	5	5	5	5	5
Min	4.00	<5	7.72	7.72	3.16
Mean	5.80	2.50	13.42	13.42	4.40
Median (50th %ile)	5.00	2.50	13.50	13.50	4.44
90th %ile	7.60	2.50	18.48	18.48	5.57
Max (100th %ile)	8.00	<5	18.60	18.60	5.60

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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-Aug-21	0	360.0	NO
2-Aug-21	0	370.0	NO
3-Aug-21	0.2	350.0	NO
4-Aug-21	0	350.0	NO
5-Aug-21	0	330.0	NO
6-Aug-21	0	360.0	NO
7-Aug-21	0	370.0	NO
8-Aug-21	0	370.0	NO
9-Aug-21	0.2	350.0	NO
10-Aug-21	0	340.0	NO
11-Aug-21	0	340.0	NO
12-Aug-21	0	350.0	NO
13-Aug-21	0	370.0	NO
14-Aug-21	0	350.0	NO
15-Aug-21	0	350.0	NO
16-Aug-21	0.2	350.0	NO
17-Aug-21	0	340.0	NO
18-Aug-21	0	360.0	NO
19-Aug-21	0	340.0	NO
20-Aug-21	0.2	360.0	NO
21-Aug-21	0.4	350.0	NO
22-Aug-21	0	370.0	NO
23-Aug-21	0	400.0	NO
24-Aug-21	0	640.0	NO
25-Aug-21	0	450.0	NO
26-Aug-21	0	410.0	NO
27-Aug-21	0	510.0	NO
28-Aug-21	0	630.0	NO
29-Aug-21	0	460.0	NO
30-Aug-21	0.2	460.0	NO
31-Aug-21	0.2	410.0	NO
Monthly Total	1.6	12150.0	
Monthly Minimum	0	330	
Monthly Mean	0.05	391.94	
Monthly Maximum	0.4	640	
Year to Date Total	280.4	70513.4	
Year to Date Minimum	0	321.1	
Year to Date Mean	1.832679739	460.8718954	
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

