

Tuross Sewage Treatment Plant - Monthly Result Summary - April 2021



Anniversary Date: 1-Apr-21
Published Date: 18-May-21

Licensee: Eurobodalla Shire Council
EPL No.: 3108
Premises: Tuross Sewage Treatment Plant
Address: 217 Kelly Road, Bingie, NSW, 2537
Licence Period: 01-Apr-20 to 31-Mar-21
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: **Apr-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 Sampling Method	Monthly Composite Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Composite Sample	Monthly 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
20-Apr-21	5.00	<5	16.00	13.50	5.52	5-May-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)
Total Samples	1	1	1	1	1
Minimum Result	5.00	<5	16.00	13.50	5.52
Mean Result	5.00	2.50	16.00	13.50	5.52
Median Result	5.00	2.50	16.00	13.50	5.52
Maximum Result	5.00	<5	16.00	13.50	5.52

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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-Apr-21	0	467.5	NO
2-Apr-21	0	594.7	NO
3-Apr-21	0	656.3	NO
4-Apr-21	0	644.4	NO
5-Apr-21	1.8	606.0	NO
6-Apr-21	3.6	578.4	NO
7-Apr-21	0.4	564.2	NO
8-Apr-21	0	526.6	NO
9-Apr-21	0	476.8	NO
10-Apr-21	0	493.7	NO
11-Apr-21	0	501.9	NO
12-Apr-21	0	447.7	NO
13-Apr-21	0	424.2	NO
14-Apr-21	0	419.1	NO
15-Apr-21	0	429.9	NO
16-Apr-21	0	423.2	NO
17-Apr-21	0	421.5	NO
18-Apr-21	0	417.8	NO
19-Apr-21	0	390.4	NO
20-Apr-21	0.6	361.6	NO
21-Apr-21	0	365.1	NO
22-Apr-21	0	360.4	NO
23-Apr-21	0		N/R
24-Apr-21	0.6	430.3	NO
25-Apr-21	0.4	440.4	NO
26-Apr-21	0	406.2	NO
27-Apr-21	0	342.6	NO
28-Apr-21	0	350.1	NO
29-Apr-21	0	360.7	NO
30-Apr-21	0	364.4	NO
Monthly Total	7.4	13266.1	
Monthly Minimum	0	342.6	
Monthly Mean	0.25	457.45	
Monthly Maximum	3.6	656.3	
Year to Date Total	7.4	13266.1	
Year to Date Minimum	0	342.6	
Year to Date Mean	0.25	457.45	
Year to Date Maximum	3.6	656.3	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

