Tuross Sewage Treatment Plant - Monthly Result Summary - December 2021



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//iewPOEOLicence.aspx?DOCID=183820&SYSUID=1&LICID=3108 POEO Public Register: https://apps.epa.nsw.gov.au/prpoeoapp/

Required Month: Dec-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	See N	
Total Suspended Solids	(mg/L)	20	30		
Total Nitrogen	(mg/L)				
Total Phosphorus	(mg/L)				

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	Oil and Grease	Total Suspended Solids	Total Nitrogen	Total Phosphorus	Obtained Date
	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
21-Dec-21	5.00	<5	35.00	4.20	3.42	31-Dec-21
100 Percentile Exceedance?	NO	NO	YES	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	Oil and Grease	Total Suspended Solids	Total Nitrogen	Total Phosphorus
	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Samples	10	10	10	10	10
Min	4.00	<5	7.00	2.86	0.94
Mean	5.60	2.50	14.70	8.96	3.51
Median (50th %ile)	5.00	2.50	13.50	7.06	3.35
90th %ile	7.10	2.50	17.90	18.33	5.53
Max (100th %ile)	8.00	<5	35.00	18.60	5.60

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EPL No.: 3108

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Licence Period: 01-Apr-21

to 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/

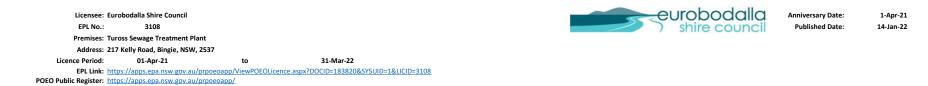
31-Mar-22

Licence Point 2 - Influent Volume Monitoring					
Sample Frequency	Daily (Continuous)	Maximum Daily flow (kL)	7000		
Sampling Method	Ultrasonic Flow Meter				
Sample Date	Rainfall	Plant Inflow	Exceedance		
Sample Date	(mm)	(kL)	(YES/NO)		
1-Dec-21	0	490.0	NO		
2-Dec-21	0	480.0	NO		
3-Dec-21	3.2	530.0	NO		
4-Dec-21	0	650.0	NO		
5-Dec-21	0.8	630.0	NO		
6-Dec-21	2.8	480.0	NO		
7-Dec-21	0	610.0	NO		
8-Dec-21	0	760.0	NO		
9-Dec-21	11	1520.0	NO		
10-Dec-21	86.4	3070.0	NO		
11-Dec-21	10	1300.0	NO		
12-Dec-21	10	1030.0	NO		
13-Dec-21	4.2	990.0	NO		
14-Dec-21	0	810.0	NO		
15-Dec-21	0	730.0	NO		
16-Dec-21	3.2	720.0	NO		
17-Dec-21	0	570.0	NO		
18-Dec-21	0	600.0	NO		
19-Dec-21	0	560.0	NO		
20-Dec-21	0	570.0	NO		
21-Dec-21	0.8	560.0	NO		
22-Dec-21	0	560.0	NO		
23-Dec-21	0	580.0	NO		
24-Dec-21	1.6	660.0	NO		
25-Dec-21	1.4	680.0	NO		
26-Dec-21	0	690.0	NO		
27-Dec-21	0	820.0	NO		
28-Dec-21	0	840.0	NO		
29-Dec-21	0	880.0	NO		
30-Dec-21	1.2	880.0	NO		
31-Dec-21	0	910.0	NO		
Monthly Total	136.6	25160.0			
Monthly Minimum	0	480			
Monthly Mean	4.41	811.61			
Monthly Maximum	86.4	3070			
Year to Date Total	761.8	141761.68			
Year to Date Minimum	0	291			
Year to Date Mean	2.770181818	515.4970182			
Year to Date Maximum	86.4	3070			



1-Apr-21 14-Jan-22

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 Monthly Exceedance Report

 Date
 Exceedance Type
 Parameter

