

Tuross Sewage Treatment Plant - Monthly Result Summary - May 2022



Anniversary Date: 1-Apr-21
Published Date: 25-Jul-22

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: **May-22**

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						
17-May-22	<2	<5	3.00	5.03	1.50	30-May-22
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	2	2	2	2	2
Min	<2	<5	3.00	5.03	1.44
Mean	2.50	2.50	5.00	6.47	1.47
Median (50th %ile)	2.50	2.50	5.00	6.47	1.47
90th %ile	3.70	2.50	6.60	7.61	1.49
Max (100th %ile)	4.00	<5	7.00	7.90	1.50

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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-May-21	5.2	651.5	NO
2-May-21	0.4	566.8	NO
3-May-21	0.4	524.0	NO
4-May-21	4	498.8	NO
5-May-21	1.6	522.6	NO
6-May-21	0	527.0	NO
7-May-21	0	533.4	NO
8-May-21	0	507.0	NO
9-May-21	0.2	481.6	NO
10-May-21	3.8	450.6	NO
11-May-21	2.4	438.6	NO
12-May-21	15.7	701.3	NO
13-May-21	0	713.8	NO
14-May-21	0.2	676.6	NO
15-May-21	5.6	660.9	NO
16-May-21	0.4	636.6	NO
17-May-21	0	545.8	NO
18-May-21	0	508.8	NO
19-May-21	0	488.6	NO
20-May-21	0.4	463.8	NO
21-May-21	0	492.6	NO
22-May-21	1.8	490.0	NO
23-May-21	1.2	425.8	NO
24-May-21	12.8	514.6	NO
25-May-21	0.4	555.1	NO
26-May-21	0	504.5	NO
27-May-21	3.2	496.9	NO
28-May-21	1	635.4	NO
29-May-21	0	645.9	NO
30-May-21	3.4	550.0	NO
31-May-21	0.2	526.0	NO
Monthly Total	64.3	16934.8	
Monthly Minimum	0	425.8	
Monthly Mean	2.07	546.28	
Monthly Maximum	15.7	713.8	
Year to Date Total	103.9	47271.64	
Year to Date Minimum	0	425.8	
Year to Date Mean	1.703278689	774.944918	
Year to Date Maximum	18.6	3494	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

