

## Tuross Sewage Treatment Plant - Monthly Result Summary - February 2022



Anniversary Date: 1-Apr-21  
Published Date: 23-May-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: **Feb-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	22-Feb-22	8.00	<5	12.00	7.90	2.76	11-Mar-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	12	12	12	12	12
Min	4.00	<5	7.00	2.86	0.94
Mean	6.08	2.50	14.92	9.17	3.61
Median (50th %ile)	5.50	2.50	13.50	7.81	3.35
90th %ile	8.00	2.50	19.60	17.82	5.51
Max (100th %ile)	9.00	<5	35.00	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-Feb-22	2.8	610.0	NO
2-Feb-22	16.2	590.0	NO
3-Feb-22	0	550.0	NO
4-Feb-22	4.8	550.0	NO
5-Feb-22	6.4	680.0	NO
6-Feb-22	1.6	610.0	NO
7-Feb-22	6.4	580.0	NO
8-Feb-22	0.4	570.0	NO
9-Feb-22	0	560.0	NO
10-Feb-22	0	550.0	NO
11-Feb-22	0	550.0	NO
12-Feb-22	0	590.0	NO
13-Feb-22	4.8	620.0	NO
14-Feb-22	1.2	650.0	NO
15-Feb-22	0	650.0	NO
16-Feb-22	0	600.0	NO
17-Feb-22	0	610.0	NO
18-Feb-22	2.4	590.0	NO
19-Feb-22	0	850.0	NO
20-Feb-22	0	680.0	NO
21-Feb-22	0	490.0	NO
22-Feb-22	0.4	490.0	NO
23-Feb-22	8.6	570.0	NO
24-Feb-22	31.6	530.0	NO
25-Feb-22	15.4	1040.0	NO
26-Feb-22	28	2200.0	NO
27-Feb-22	24.2	1850.0	NO
28-Feb-22	3.4	910.0	NO
			NO
			NO
			NO
Monthly Total	158.6	20320.0	
Monthly Minimum	0	490	
Monthly Mean	5.66	725.71	
Monthly Maximum	31.6	2200	
Year to Date Total	1359.2	227411.68	
Year to Date Minimum	0	291	
Year to Date Mean	3.723835616	623.0456986	
Year to Date Maximum	86.4	4380	

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### EPA Licence Point Map

