

## Tuross Sewage Treatment Plant - Monthly Result Summary - December 2021



Anniversary Date: 1-Apr-21  
Published Date: 14-Jan-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: 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
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	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 (mg/L)	Oil and Grease (mg/L)	Total Suspended Solids (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (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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### 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-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
<b>Monthly Total</b>	<b>136.6</b>	<b>25160.0</b>	
<b>Monthly Minimum</b>	<b>0</b>	<b>480</b>	
<b>Monthly Mean</b>	<b>4.41</b>	<b>811.61</b>	
<b>Monthly Maximum</b>	<b>86.4</b>	<b>3070</b>	
<b>Year to Date Total</b>	<b>761.8</b>	<b>141761.68</b>	
<b>Year to Date Minimum</b>	<b>0</b>	<b>291</b>	
<b>Year to Date Mean</b>	<b>2.770181818</b>	<b>515.4970182</b>	
<b>Year to Date Maximum</b>	<b>86.4</b>	<b>3070</b>	

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### EPA Licence Point Map

