

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



Anniversary Date: 1-Apr-21  
Published Date: 9-Jun-21

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-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
18-May-21	5.00	<5	13.00	18.30	4.44	28-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	2	2	2	2	2
Minimum Result	5.00	<5	13.00	13.50	4.44
Mean Result	5.00	2.50	14.50	15.90	4.98
Median Result	5.00	2.50	14.50	15.90	4.98
Maximum Result	5.00	<5	16.00	18.30	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-May-21	0.2	403.1	NO
2-May-21	0	394.4	NO
3-May-21	8.4	376.0	NO
4-May-21	43.2	481.9	NO
5-May-21	37.2	1162.4	NO
6-May-21	15.8	1353.0	NO
7-May-21	28.6	1730.1	NO
8-May-21	0.2	995.3	NO
9-May-21	0	694.4	NO
10-May-21	0.2	585.8	NO
11-May-21	1.6	490.4	NO
12-May-21	0	467.7	NO
13-May-21	0	449.6	NO
14-May-21	0	423.5	NO
15-May-21	0	430.9	NO
16-May-21	0	436.9	NO
17-May-21	0	387.9	NO
18-May-21	0	363.4	NO
19-May-21	0	366.7	NO
20-May-21	0	369.9	NO
21-May-21	0	384.0	NO
22-May-21	0	405.5	NO
23-May-21	0.4	386.8	NO
24-May-21	0.8	369.3	NO
25-May-21	0.2	364.1	NO
26-May-21	0	359.8	NO
27-May-21	0	364.8	NO
28-May-21	0	360.3	NO
29-May-21	0	402.5	NO
30-May-21	0	413.2	NO
31-May-21	0	388.3	NO
<b>Monthly Total</b>	<b>136.8</b>	<b>16561.9</b>	
Monthly Minimum	0	359.8	
Monthly Mean	4.41	534.25	
Monthly Maximum	43.2	1730.1	
Year to Date Total	144.2	30285.0	
Year to Date Minimum	0	342.6	
Year to Date Mean	2.36	496.48	
Year to Date Maximum	43.2	1730.1	

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### EPA Licence Point Map

