

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



Anniversary Date: 1-Apr-21  
Published Date: 10-Dec-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: **Nov-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						
2-Nov-21	6.00	<5	14.00	3.56	0.94	12-Nov-21
30-Nov-21	5.00	<5	13.00	2.86	2.50	10-Dec-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)
Samples	9	9	9	9	9
Min	4.00	<5	2.86	2.86	0.94
Mean	5.67	2.50	9.49	9.49	3.52
Median (50th %ile)	5.00	2.50	7.72	7.72	3.28
90th %ile	7.20	2.50	18.36	18.36	5.54
Max (100th %ile)	8.00	<5	18.60	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-Nov-21	0	430.0	NO
2-Nov-21	0	380.0	NO
3-Nov-21	0	380.0	NO
4-Nov-21	0	380.0	NO
5-Nov-21	8.8	380.0	NO
6-Nov-21	11.2	480.0	NO
7-Nov-21	0	510.0	NO
8-Nov-21	4.8	614.0	NO
9-Nov-21	1.4	614.0	NO
10-Nov-21	1.4	614.0	NO
11-Nov-21	15.6	614.0	NO
12-Nov-21	2.4	614.0	NO
13-Nov-21	22.2	614.0	NO
14-Nov-21	15	614.0	NO
15-Nov-21	0.4	850.0	NO
16-Nov-21	0	580.0	NO
17-Nov-21	0	600.0	NO
18-Nov-21	0	530.0	NO
19-Nov-21	0	510.0	NO
20-Nov-21	10.8	480.0	NO
21-Nov-21	9.6	530.0	NO
22-Nov-21	0	590.0	NO
23-Nov-21	0.2	600.0	NO
24-Nov-21	0	470.0	NO
25-Nov-21	0	460.0	NO
26-Nov-21	19.2	570.0	NO
27-Nov-21	22.8	1700.0	NO
28-Nov-21	1.2	1480.0	NO
29-Nov-21	0	670.0	NO
30-Nov-21	0	540.0	NO
<b>Monthly Total</b>	147	18398.0	
<b>Monthly Minimum</b>	0	380	
<b>Monthly Mean</b>	4.90	613.27	
<b>Monthly Maximum</b>	22.8	1700	
<b>Year to Date Total</b>	629.2	119022.68	
<b>Year to Date Minimum</b>	0	291	
<b>Year to Date Mean</b>	2.526907631	478.0027309	
<b>Year to Date Maximum</b>	57.8	1845.2	

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### EPA Licence Point Map

