

Tuross Sewage Treatment Plant - Monthly Result Summary - September 2021



Anniversary Date: 1-Apr-21
Published Date: 4-Nov-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: **Sep-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	7-Sep-21	5.00	<5	8.00	5.50	3.96	17-Sep-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	6	6	6	6	6
Min	4.00	<5	5.50	5.50	3.16
Mean	5.67	2.50	12.10	12.10	4.33
Median (50th %ile)	5.00	2.50	11.24	11.24	4.20
90th %ile	7.50	2.50	18.45	18.45	5.56
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-Sep-21	0	390.0	NO
2-Sep-21	0	370.0	NO
3-Sep-21	0	390.0	NO
4-Sep-21	0	550.0	NO
5-Sep-21	18	910.0	NO
6-Sep-21	9	660.0	NO
7-Sep-21	0	490.0	NO
8-Sep-21	0	450.0	NO
9-Sep-21	0	420.0	NO
10-Sep-21	0	400.0	NO
11-Sep-21	0	420.0	NO
12-Sep-21	0	390.0	NO
13-Sep-21	0	370.0	NO
14-Sep-21	0	366.0	NO
15-Sep-21	0	366.0	NO
16-Sep-21	0.2	364.0	NO
17-Sep-21	0	370.0	NO
18-Sep-21	0	366.0	NO
19-Sep-21	0	364.0	NO
20-Sep-21	0	364.0	NO
21-Sep-21	0	291.0	NO
22-Sep-21	0	357.0	NO
23-Sep-21	0	351.0	NO
24-Sep-21	0	397.0	NO
25-Sep-21	0	342.0	NO
26-Sep-21	0	368.0	NO
27-Sep-21	0	357.0	NO
28-Sep-21	0	344.0	NO
29-Sep-21	0	330.0	NO
30-Sep-21	0	413.0	NO
Monthly Total	27.2	12320.0	
Monthly Minimum	0	291	
Monthly Mean	0.91	410.67	
Monthly Maximum	18	910	
Year to Date Total	307.6	82833.4	
Year to Date Minimum	0	291	
Year to Date Mean	1.680874317	452.6415301	
Year to Date Maximum	57.8	1845.2	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

