

## Tuross Sewage Treatment Plant - Monthly Result Summary - January 2023



Anniversary Date: 1-Apr-21  
Published Date: 5-Mar-23

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: Jan-23

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	Monthly	Monthly	Monthly	Monthly	
Sampling Method	Composite Sample	Grab Sample	Composite Sample	Composite Sample	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
24-Jan-23	3.00	<5	6.00	6.73	2.01	2-Feb-23
100 Percentile Exceedance?	NO	NO	NO	NO	NO	

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	11	11	11	11	11
Min	<2	<5	3.00	5.03	0.66
Mean	4.45	2.50	8.55	9.85	1.95
Median (50th %ile)	5.00	2.50	6.00	7.90	2.01
90th %ile	6.00	2.50	12.00	14.90	2.80
Max (100th %ile)	9.00	<5	23.00	16.00	3.12

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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-Jan-23	0	809.9	NO
2-Jan-23	0	854.9	NO
3-Jan-23	12.6	700.8	NO
4-Jan-23	1.6	719.3	NO
5-Jan-23	2.6	772.6	NO
6-Jan-23	0.4	686.8	NO
7-Jan-23	0.4	708.3	NO
8-Jan-23	0	700.1	NO
9-Jan-23	0	632.4	NO
10-Jan-23	0	593.5	NO
11-Jan-23	0	624.2	NO
12-Jan-23	0	602.9	NO
13-Jan-23	0	613.2	NO
14-Jan-23	0	619.4	NO
15-Jan-23	0	590.6	NO
16-Jan-23	0	548.5	NO
17-Jan-23	0	554.2	NO
18-Jan-23	9.4	553.0	NO
19-Jan-23	0.8	545.5	NO
20-Jan-23	0	548.2	NO
21-Jan-23	0.8	545.9	NO
22-Jan-23	0	579.8	NO
23-Jan-23	0.6	527.0	NO
24-Jan-23	0	533.7	NO
25-Jan-23	0.2	554.8	NO
26-Jan-23	0	592.8	NO
27-Jan-23	0	601.0	NO
28-Jan-23	0	637.0	NO
29-Jan-23	0	576.2	NO
30-Jan-23	0	690.7	NO
31-Jan-23	0	539.4	NO
<b>Monthly Total</b>	29.4	19356.6	
<b>Monthly Minimum</b>	0	527	
<b>Monthly Mean</b>	0.95	624.41	
<b>Monthly Maximum</b>	12.6	854.9	
<b>Year to Date Total</b>	664.5	191871.04	
<b>Year to Date Minimum</b>	0	367.63	
<b>Year to Date Mean</b>	2.171568627	627.0295425	
<b>Year to Date Maximum</b>	54.4	3494	

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### EPA Licence Point Map

