

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



Anniversary Date: 1-Apr-23  
Published Date: 27-Jun-23

Licensee: Eurobodalla Shire Council  
EPL No.: 3108  
Premises: Tuross Sewage Treatment Plant  
Address: 217 Kelly Road, Bingie, NSW, 2537  
Licence Period: 01-Apr-23 to 31-Mar-24  
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-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
16-May-23	6.00	<5	11.00	12.60	2.98	24-May-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	2	2	2	2	2
Min	5.00	<5	11.00	11.30	2.68
Mean	5.50	2.50	11.50	11.95	2.83
Median (50th %ile)	5.50	2.50	11.50	11.95	2.83
90th %ile	5.90	2.50	11.90	12.47	2.95
Max (100th %ile)	6.00	<5	12.00	12.60	2.98

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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-22	0	585.3	NO
2-May-22	0	508.0	NO
3-May-22	0	442.0	NO
4-May-22	0	439.7	NO
5-May-22	0	429.3	NO
6-May-22	7.8	514.8	NO
7-May-22	10.4	604.0	NO
8-May-22	0	547.9	NO
9-May-22	0.4	481.7	NO
10-May-22	0	455.7	NO
11-May-22	0	424.3	NO
12-May-22	0	434.1	NO
13-May-22	0	412.3	NO
14-May-22	0	419.3	NO
15-May-22	0	402.9	NO
16-May-22	0	388.2	NO
17-May-22	0	382.4	NO
18-May-22	0	381.4	NO
19-May-22	0.2	404.5	NO
20-May-22	0.2	433.9	NO
21-May-22	0	421.7	NO
22-May-22	0	390.0	NO
23-May-22	0	380.4	NO
24-May-22	0	385.4	NO
25-May-22	0	359.8	NO
26-May-22	0	403.7	NO
27-May-22	2.2	468.6	NO
28-May-22	0.2	458.7	NO
29-May-22	0	429.8	NO
30-May-22	0	366.6	NO
31-May-22	0	366.1	NO
<b>Monthly Total</b>	21.4	13522.3	
<b>Monthly Minimum</b>	0	359.81	
<b>Monthly Mean</b>	0.69	436.20	
<b>Monthly Maximum</b>	10.4	604	
<b>Year to Date Total</b>	105.6	29390.72	
<b>Year to Date Minimum</b>	0	359.81	
<b>Year to Date Mean</b>	1.731147541	481.815082	
<b>Year to Date Maximum</b>	34.2	938.9	

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### EPA Licence Point Map

