

## Tuross Sewage Treatment Plant - Monthly Result Summary - May 2024



Anniversary Date: 1-Apr-24  
Published Date: 21-Jun-24

Licensee: Eurobodalla Shire Council  
EPL No.: 3108  
Premises: Tuross Sewage Treatment Plant  
Address: 217 Kelly Road, Bingie, NSW, 2537  
Licence Period: 01-Apr-24 to 31-Mar-25  
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-24

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						
14-May-24	<2	<5	4.00	5.74	0.96	24-May-24
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	<2	<5	4.00	5.74	0.96
Mean	1.00	2.50	4.00	7.97	1.86
Median (50th %ile)	1.00	2.50	4.00	7.97	1.86
90th %ile	1.00	2.50	4.00	9.75	2.57
Max (100th %ile)	<2	<5	4.00	10.20	2.75

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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-24	1.6	406.9	NO
2-May-24	0	400.0	NO
3-May-24	3	411.0	NO
4-May-24	14.4	452.0	NO
5-May-24	15.8	738.2	NO
6-May-24	3.6	665.8	NO
7-May-24	9.8	857.5	NO
8-May-24	8	734.0	NO
9-May-24	11.4	871.0	NO
10-May-24	21.8	1355.0	NO
11-May-24	58.2	3070.0	NO
12-May-24	113.8	4740.3	NO
13-May-24	1.8	1763.1	NO
14-May-24	0	1085.6	NO
15-May-24	0	809.5	NO
16-May-24	0	663.4	NO
17-May-24	2.6	622.4	NO
18-May-24	0.2	625.7	NO
19-May-24	0	589.0	NO
20-May-24	0	534.4	NO
21-May-24	0	509.7	NO
22-May-24	0	507.7	NO
23-May-24	0	496.6	NO
24-May-24	0	470.4	NO
25-May-24	0	482.5	NO
26-May-24	0	452.7	NO
27-May-24	0	489.2	NO
28-May-24	0	426.0	NO
29-May-24	0	432.6	NO
30-May-24	0	430.8	NO
31-May-24	0	410.7	NO
<b>Monthly Total</b>	266	26503.6	
<b>Monthly Minimum</b>	0	399.99	
<b>Monthly Mean</b>	8.58	854.95	
<b>Monthly Maximum</b>	113.8	4740.27	
<b>Year to Date Total</b>	376.36	47082.96	
<b>Year to Date Minimum</b>	0	390.11	
<b>Year to Date Mean</b>	6.17	771.85	
<b>Year to Date Maximum</b>	113.8	4740.27	

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### EPA Licence Point Map

