

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



Anniversary Date: 1-Apr-24  
Published Date: 8-Jan-25

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: **Dec-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 Sampling Method	Monthly Composite Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Composite Sample	Monthly 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
17-Dec-24	4.00	<5	16.00	5.58	3.32	28-Dec-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	10	10	10	10	10
Min	<2	<5	4.00	5.58	0.96
Mean	4.80	2.50	12.90	8.64	3.36
Median (50th %ile)	4.00	2.50	10.50	7.11	3.24
90th %ile	9.20	2.50	22.70	13.32	4.98
Max (100th %ile)	11.00	<5	29.00	13.50	6.24

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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-Dec-24	0	615.4	NO
2-Dec-24	0	513.8	NO
3-Dec-24	0	440.3	NO
4-Dec-24	0	468.8	NO
5-Dec-24	0	427.0	NO
6-Dec-24	0	47.0	NO
7-Dec-24	12	518.2	NO
8-Dec-24	0	478.4	NO
9-Dec-24	0	468.2	NO
10-Dec-24	0	453.0	NO
11-Dec-24	0	432.0	NO
12-Dec-24	0	454.8	NO
13-Dec-24	0	453.6	NO
14-Dec-24	0	477.9	NO
15-Dec-24	0	508.6	NO
16-Dec-24	0	428.2	NO
17-Dec-24	0.2	449.8	NO
18-Dec-24	0	462.1	NO
19-Dec-24	0	478.4	NO
20-Dec-24	0	517.3	NO
21-Dec-24	0	562.0	NO
22-Dec-24	0	589.5	NO
23-Dec-24	4.6	616.5	NO
24-Dec-24	0	694.2	NO
25-Dec-24	0	648.1	NO
26-Dec-24	0	742.5	NO
27-Dec-24	0.2	786.8	NO
28-Dec-24	0	860.2	NO
29-Dec-24	0	875.1	NO
30-Dec-24	0	885.4	NO
31-Dec-24	14.2	848.3	NO
Monthly Total	31.2	17201.2	
Monthly Minimum	0	47.02	
Monthly Mean	1.01	554.88	
Monthly Maximum	14.2	885.35	
Year to Date Total	603.76	155330.3	
Year to Date Minimum	0	47.02	
Year to Date Mean	2.20	564.84	
Year to Date Maximum	113.8	4740.27	

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### EPA Licence Point Map

