

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



Anniversary Date: 1-Apr-23  
Published Date: 12-Mar-24

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: **Feb-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	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
20-Feb-24	2.00	<5	4.00	6.36	4.02	2-Mar-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	12	12	12	12	12
Min	<2	<5	2.00	6.06	2.68
Mean	6.08	2.50	11.42	10.32	5.27
Median (50th %ile)	5.50	2.50	9.50	8.42	3.98
90th %ile	10.70	2.50	20.90	16.65	8.60
Max (100th %ile)	11.00	<5	22.00	20.70	8.78

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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-Feb-24	0	421.1	NO
2-Feb-24	0	461.8	NO
3-Feb-24	0	504.5	NO
4-Feb-24	0	512.2	NO
5-Feb-24	13.8	560.0	NO
6-Feb-24	0	1103.0	NO
7-Feb-24	0	642.2	NO
8-Feb-24	0	536.7	NO
9-Feb-24	0	515.8	NO
10-Feb-24	8.8	535.0	NO
11-Feb-24	0	531.0	NO
12-Feb-24	0	494.4	NO
13-Feb-24	0	478.7	NO
14-Feb-24	0	421.0	NO
15-Feb-24	0	427.0	NO
16-Feb-24	11.4	488.5	NO
17-Feb-24	0	547.5	NO
18-Feb-24	0.4	494.2	NO
19-Feb-24	0	448.8	NO
20-Feb-24	0.6	410.1	NO
21-Feb-24	0	450.7	NO
22-Feb-24	0	441.2	NO
23-Feb-24	11.4	437.9	NO
24-Feb-24	0	488.8	NO
25-Feb-24	0	494.8	NO
26-Feb-24	0	419.9	NO
27-Feb-24	0.6	411.3	NO
28-Feb-24	0	437.1	NO
29-Feb-24	0	431.0	NO
Monthly Total	47	14545.9	
Monthly Minimum	0	410.05	
Monthly Mean	1.62	501.58	
Monthly Maximum	13.8	1103	
Year to Date Total	689.8	169344.01	
Year to Date Minimum	0	327.66	
Year to Date Mean	2.06	505.50	
Year to Date Maximum	90.4	3554.01	

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### EPA Licence Point Map

