

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



Anniversary Date: 1-Apr-23  
Published Date: 5-Feb-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: Jan-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
23-Jan-24	5.00	<5	6.00	6.06	3.02	2-Feb-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	11	11	11	11	11
Min	<2	<5	2.00	6.06	2.68
Mean	6.45	2.50	12.09	10.68	5.38
Median (50th %ile)	6.00	2.50	11.00	8.73	3.94
90th %ile	11.00	2.50	21.00	17.10	8.66
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-Jan-24	0	906.1	NO
2-Jan-24	0.6	854.8	NO
3-Jan-24	0.6	774.4	NO
4-Jan-24	3.2	732.1	NO
5-Jan-24	4	748.8	NO
6-Jan-24	0	757.5	NO
7-Jan-24	0	703.7	NO
8-Jan-24	6.6	613.0	NO
9-Jan-24	0	635.9	NO
10-Jan-24	0	656.6	NO
11-Jan-24	1.8	566.7	NO
12-Jan-24	0.2	672.1	NO
13-Jan-24	0.2	623.3	NO
14-Jan-24	0	557.0	NO
15-Jan-24	10.6	593.5	NO
16-Jan-24	1	570.9	NO
17-Jan-24	4.2	592.0	NO
18-Jan-24	0	576.9	NO
19-Jan-24	0.2	622.1	NO
20-Jan-24	0	588.9	NO
21-Jan-24	0	587.2	NO
22-Jan-24	0	576.9	NO
23-Jan-24	0	587.2	NO
24-Jan-24	0	577.2	NO
25-Jan-24	8.8	598.2	NO
26-Jan-24	1.6	729.9	NO
27-Jan-24	0	680.0	NO
28-Jan-24	0	629.5	NO
29-Jan-24	0	517.7	NO
30-Jan-24	0	421.7	NO
31-Jan-24	0	500.0	NO
<b>Monthly Total</b>	43.6	19751.7	
<b>Monthly Minimum</b>	0	421.7	
<b>Monthly Mean</b>	1.41	637.15	
<b>Monthly Maximum</b>	10.6	906.1	
<b>Year to Date Total</b>	642.8	154798.09	
<b>Year to Date Minimum</b>	0	327.66	
<b>Year to Date Mean</b>	2.10	505.88	
<b>Year to Date Maximum</b>	90.4	3554.01	

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### EPA Licence Point Map

