

## Tomakin Sewage Treatment Plant - Monthly Result Summary - June 2022



Anniversary Date: 1-Apr-21  
Published Date: 25-Jul-22

Licensee: Eurobodalla Shire Council  
EPL No.: 2851  
Premises: Tomakin Sewage Treatment Plant  
Address: George Bass Drive, Tomakin, NSW 2537  
Licence Period: 01-Apr-21 to 31-Mar-22  
EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=183819&SYSUID=1&LICID=2851>  
POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>

Required Month: **Jun-22**

Licence Point 1 - Discharge to Waters - Point 1 Concentration Limits			
Parameters	Unit of Measure	90 percentile concentration limit	100 percentile concentration limit
Biological Oxygen Demand	(mg/L)	10	15
Oil and Grease	(mg/L)	5	10
pH	(pH Units)	-	6.5-8.5
Total Suspended Solids	(mg/L)	15	20
Chlorophyll a	(mg/m3)		
Faecal Coliforms	(CFU/100mL)	200	600
Total Nitrogen	(mg/L)	10	15
Total Phosphorus	(mg/L)	8	10
Ammonia	(mg/L)	2	5

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 Point 1 as described in Condition L3.

Licence Point 3 - Effluent Quality Monitoring (Monthly Results)										
Sample Frequency	Monthly	Monthly	Monthly	Monthly	Monthly	Special Frequency 2*	Monthly	Monthly	Monthly	
Sampling Method	Composite Sample	Grab Sample	Grab Sample	Composite Sample	Grab Sample	Grab Sample	Composite Sample	Composite Sample	Grab Sample	
Sampled Date	Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	pH (pH Units)	Total Suspended Solids (mg/L)	Chlorophyll a (mg/m3)	Faecal Coliforms (CFU/100mL)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Ammonia (mg/L)	Obtained Date
21-Jun-22	<2	<5	7.30	2.00	15.70	60	9.98	6.48	0.80	1-Jul-22
100 Percentile Exceedance?	NO	NO	NO	NO	NO	NO	NO	NO	NO	

\* Special Frequency 2: at least weekly during the months of November, December, January, February and March

Licence Point 3 - Effluent Quality Monitoring (Year To Date Results)									
Year to Date	Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	pH (pH Units)	Total Suspended Solids (mg/L)	Chlorophyll a (mg/m3)	Faecal Coliforms (CFU/100mL)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Ammonia (mg/L)
Samples	3	3	3	3	3	3	3	3	3
Min	<2	<5	7.20	<2	1.90	60	3.65	4.620	0.22
Mean	1.67	2.50	7.30	1.67	44.33	1063	6.29	5.380	0.67
Median (50th %ile)	2.00	2.50	7.30	2.00	15.70	330	5.23	5.040	0.80
90th %ile	2.00	2.50	7.38	2.00	95.46	2306	9.03	6.192	0.94
Max (100th %ile)	2.00	<5	7.40	2.00	115.40	2800	9.98	6.480	0.98

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Licence Point 2 - Influent Volume Monitoring			
Sample Frequency	Daily (Continuous)	Maximum Daily flow (kL)	14000
Sampling Method	Ultrasonic Flow Meter		
Sample Date	Rainfall (mm)	Plant Inflow (kL)	Exceedance (YES/NO)
1-Jun-21	0	2077.9	NO
2-Jun-21	0	1414.6	NO
3-Jun-21	0	1330.4	NO
4-Jun-21	0.5	1476.2	NO
5-Jun-21	0	1391.9	NO
6-Jun-21	0	1484.0	NO
7-Jun-21	0	1253.3	NO
8-Jun-21	0	1212.0	NO
9-Jun-21	0	1187.8	NO
10-Jun-21	0	1212.0	NO
11-Jun-21	0	1392.9	NO
12-Jun-21	0	1521.5	NO
13-Jun-21	0	1527.6	NO
14-Jun-21	0	1369.4	NO
15-Jun-21	0	1271.2	NO
16-Jun-21	0	1074.6	NO
17-Jun-21	0	1201.4	NO
18-Jun-21	0	1141.3	NO
19-Jun-21	0	1117.5	NO
20-Jun-21	2.5	1092.2	NO
21-Jun-21	2	1180.6	NO
22-Jun-21	1.5	1210.3	NO
23-Jun-21	0	1196.3	NO
24-Jun-21	0	1185.7	NO
25-Jun-21	0	1207.9	NO
26-Jun-21	0	1117.5	NO
27-Jun-21	0	1154.1	NO
28-Jun-21	0	1093.3	NO
29-Jun-21	0	1068.7	NO
30-Jun-21	0	1111.6	NO
<b>Monthly Total</b>	<b>6.50</b>	<b>38275.52</b>	
<b>Monthly Minimum</b>	<b>0.00</b>	<b>1068.67</b>	
<b>Monthly Mean</b>	<b>0.22</b>	<b>1275.85</b>	
<b>Monthly Maximum</b>	<b>2.50</b>	<b>2077.87</b>	
<b>Year to Date Total</b>	<b>239.50</b>	<b>152514.19</b>	
<b>Year to Date Minimum</b>	<b>0.00</b>	<b>1068.67</b>	
<b>Year to Date Mean</b>	<b>2.63</b>	<b>1675.98</b>	
<b>Year to Date Maximum</b>	<b>53.00</b>	<b>5380.54</b>	

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### Licence Point 4 - Ambient Water Monitoring (Monthly Result)

Frequency	Special Frequency 2*	
Sampling Method	Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date

\* Special Frequency 2: at least weekly during the months of November, December, January, February and March

### Licence Point 4 - Ambient Water Monitoring (Year to Date Results)

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	
Min	
Mean	
Median (50th %ile)	
90th %ile	
Max (100th %ile)	

### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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EPA Licence Point Map

