

## Tomakin Sewage Treatment Plant - Monthly Result Summary - August 2021



Anniversary Date: 1-Apr-21  
Published Date: 4-Nov-21

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: **Aug-21**

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
10-Aug-21	3.00	<5	7.70	2.00	16.90	21	2.20	7.58	0.33	20-Aug-21
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	5	5	5	5	5	5	5	5	5
Min	<2	<5	7.00	<2	1.50	21	2.04	5.960	0.33
Mean	1.80	2.50	7.38	1.20	5.54	508	5.11	6.560	0.50
Median (50th %ile)	1.00	2.50	7.30	1.00	2.50	500	4.11	6.400	0.50
90th %ile	3.00	2.50	7.66	1.60	12.02	952	8.64	7.188	0.64
Max (100th %ile)	3.00	<5	7.70	2.00	16.90	980	8.82	7.580	0.71

## Tomakin Sewage Treatment Plant - Monthly Result Summary - August 2021

Licensee: Eurobodalla Shire Council  
 EPL No.: 2851  
 Premises: Tomakin Sewage Treatment Plant  
 Address: George Bass Drive, Tomakin, NSW 2537



Anniversary Date: 1-Apr-21  
 Published Date: 4-Nov-21

Licence Period: 01-Apr-21 to 31-Mar-22

EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=1838198&SYSUID=1&LICID=2851>

POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>

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-Aug-21	0	1240.0	NO
2-Aug-21	0	1100.0	NO
3-Aug-21	0.2	1130.0	NO
4-Aug-21	0	1340.0	NO
5-Aug-21	0	1210.0	NO
6-Aug-21	0	1170.0	NO
7-Aug-21	0	1180.0	NO
8-Aug-21	0	1180.0	NO
9-Aug-21	0.6	1100.0	NO
10-Aug-21	0	1010.0	NO
11-Aug-21	0	1030.0	NO
12-Aug-21	0	1050.0	NO
13-Aug-21	0	1140.0	NO
14-Aug-21	0	1090.0	NO
15-Aug-21	0	1090.0	NO
16-Aug-21	0	1390.0	NO
17-Aug-21	0	1050.0	NO
18-Aug-21	0	1080.0	NO
19-Aug-21	0	1100.0	NO
20-Aug-21	0	1080.0	NO
21-Aug-21	0	1100.0	NO
22-Aug-21	0	1270.0	NO
23-Aug-21	0	1730.0	NO
24-Aug-21	0	1210.0	NO
25-Aug-21	0	1150.0	NO
26-Aug-21	0	1820.0	NO
27-Aug-21	0	1600.0	NO
28-Aug-21	0	1200.0	NO
29-Aug-21	0	1200.0	NO
30-Aug-21	0.2	1320.0	NO
31-Aug-21	0.2	1120.0	NO
<b>Monthly Total</b>	<b>1.20</b>	<b>37480.00</b>	
<b>Monthly Minimum</b>	<b>0.00</b>	<b>1010.00</b>	
<b>Monthly Mean</b>	<b>0.04</b>	<b>1209.03</b>	
<b>Monthly Maximum</b>	<b>0.60</b>	<b>1820.00</b>	
<b>Year to Date Total</b>	<b>288.20</b>	<b>213443.21</b>	
<b>Year to Date Minimum</b>	<b>0.00</b>	<b>1003.94</b>	
<b>Year to Date Mean</b>	<b>1.88</b>	<b>1395.05</b>	
<b>Year to Date Maximum</b>	<b>56.00</b>	<b>5982.37</b>	

**Tomakin Sewage Treatment Plant - Monthly Result Summary - August 2021**

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/>



Anniversary Date: 1-Apr-21  
 Published Date: 4-Nov-21

**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 to date	
Minimum Result	
Mean Result	
Median Result	
Maximum Result	

**Monthly Exceedance Report**

Date	Exceedance Type	Parameter	Description / Action

# Tomakin Sewage Treatment Plant - Monthly Result Summary - August 2021

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/>



Anniversary Date: 1-Apr-21  
Published Date: 4-Nov-21

EPA Licence Point Map

