

Tomakin Sewage Treatment Plant - Monthly Result Summary - July 2023



Anniversary Date: 1-Apr-23
Published Date: 29-Aug-23

Licensee: Eurobodalla Shire Council

EPL No.: 2851

Premises: Tomakin Sewage Treatment Plant

Address: George Bass Drive, Tomakin, NSW 2537

Licence Period: 01-Apr-23 to 31-Mar-24

EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOlicence.aspx?DOCID=206033&SYSUID=1&LICID=2851>

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

Required Month: Jul-23

Licence Point 1 - Discharge to Waters - 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 Composite Sample	Monthly Grab Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Composite Sample	Monthly Grab Sample		
Sampling Method	Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	pH (pH Units)	Total Suspended Solids (mg/L)	Chlorophyll a (mg/m3)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Ammonia (mg/L)	Obtained Date	
Sampled Date	11-Jul-23	<2	<5	7.60	<2	7.20	4.65	9.04	0.05	19-Jul-23
100 Percentile Exceedance?	NO	NO	NO	NO	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)	pH (pH Units)	Total Suspended Solids (mg/L)	Chlorophyll a (mg/m3)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Ammonia (mg/L)
Samples	4	4	4	4	4	4	4	4
Min	<2	<5	7.50	<2	2.90	1.49	7.360	0.05
Mean	1.00	2.50	7.55	2.25	5.10	3.17	8.180	0.33
Median (50th %ile)	1.00	2.50	7.55	1.50	5.15	3.27	8.160	0.10
90th %ile	1.00	2.50	7.60	4.10	6.99	4.43	8.776	0.79
Max (100th %ile)	<2	<5	7.60	5.00	7.20	4.65	9.040	1.08

Tomakin Sewage Treatment Plant - Monthly Result Summary - July 2023

Licensee: Eurobodalla Shire Council

EPL No.: 2851

Premises: Tomakin Sewage Treatment Plant

Address: George Bass Drive, Tomakin, NSW 2537

Licence Period: 01-Apr-23 to 31-Mar-24

EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=206033&SYSUID=1&LICID=2851>

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



Anniversary Date:

1-Apr-23

Published Date:

29-Aug-23

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-Jul-23	0	1009.0	NO
2-Jul-23	0	1127.0	NO
3-Jul-23	0	1067.6	NO
4-Jul-23	0	1085.0	NO
5-Jul-23	0	1173.4	NO
6-Jul-23	0.5	1134.6	NO
7-Jul-23	2	1148.1	NO
8-Jul-23	0.5	1180.2	NO
9-Jul-23	0	1256.6	NO
10-Jul-23	0	1258.1	NO
11-Jul-23	0	1241.4	NO
12-Jul-23	0	1066.8	NO
13-Jul-23	0	1094.9	NO
14-Jul-23	0	1016.4	NO
15-Jul-23	0	1295.8	NO
16-Jul-23	0	1227.9	NO
17-Jul-23	0	1145.0	NO
18-Jul-23	0	1033.0	NO
19-Jul-23	0	1023.5	NO
20-Jul-23	0	993.3	NO
21-Jul-23	0	1080.5	NO
22-Jul-23	0	1045.7	NO
23-Jul-23	0	1009.4	NO
24-Jul-23	0	1025.0	NO
25-Jul-23	0	966.9	NO
26-Jul-23	0	999.5	NO
27-Jul-23	0	1209.5	NO
28-Jul-23	0.5	1082.5	NO
29-Jul-23	0	1067.0	NO
30-Jul-23	0	1121.5	NO
31-Jul-23	0	1132.3	NO
Monthly Total	3.50	34317.09	
Monthly Minimum	0.00	966.86	
Monthly Mean	0.11	1107.00	
Monthly Maximum	2.00	1295.76	
Year to Date Total	115.00	148274.93	
Year to Date Minimum	0.00	966.86	
Year to Date Mean	0.94	1215.37	
Year to Date Maximum	25.50	2812.34	

Tomakin Sewage Treatment Plant - Monthly Result Summary - July 2023

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



Anniversary Date: 1-Apr-23
 Published Date: 29-Aug-23

License Period: 01-Apr-23 to 31-Mar-24

EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=206033&SYSUID=1&LICID=2851>

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

Licence Point 3 - Ambient Water Monitoring (Monthly Result)		
Frequency	Special Frequency 2*	
Sampling Method	Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date

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 3 - 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)	

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
11-Jul-23	Concentration limit	Total Phosphorus	Total Phosphorus result (9.04 mg/L) exceeded 90 percentile concentration limit (8 mg/L) at monitoring point 3

Tomakin Sewage Treatment Plant - Monthly Result Summary - July 2023

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



Anniversary Date: 1-Apr-23
Published Date: 29-Aug-23

Licence Period: 01-Apr-23 to 31-Mar-24

EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=206033&SYSUID=1&LICID=2851>

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

EPA Licence Point Map

