

Narooma Sewage Treatment Plant - Monthly Result Summary - November 2022



Anniversary Date: 1-Apr-21
Published Date: 23-Feb-23

Licensee: Eurobodalla Shire Council
EPL No.: 1398
Premises: Narooma Sewage Treatment Plant
Address: Lakeside Drive, Narooma, NSW 2546
Licence Period: 01-Apr-21 to 31-Mar-22
EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=206031&SYSUID=1&LICID=1398>
POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>

Required Month: **Nov-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	25
Chlorophyll a	(mg/m3)		
Faecal Coliforms	(CFU/100mL)	200	600
Total Nitrogen	(mg/L)	15	20
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 Sampling Method	6 Times Per Year Composite Sample	6 Times Per Year Grab Sample	6 Times Per Year Grab Sample	6 Times Per Year Composite Sample	6 Times Per Year Grab Sample	Special Frequency 2* Grab Sample	6 Times Per Year Composite Sample	6 Times Per Year Composite Sample	6 Times Per Year 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
1-Nov-22	3.00	<5	7.60	5.00	5.10	44	2.18	3.04	0.07	10-Nov-22
8-Nov-22						7				12-Nov-22
15-Nov-22						9				24-Nov-22
22-Nov-22						7				26-Nov-22
29-Nov-22	2.00	<5	7.40	2.00	3.10	110	1.50	7.16	0.10	9-Dec-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	9	9	9	9	9	12	9	9	9
Min	<2	<5	7.00	<2	1.00	7	1.50	1.750	0.07
Mean	2.56	2.50	7.47	3.89	4.93	214	5.10	4.857	0.36
Median (50th %ile)	3.00	2.50	7.50	2.00	3.50	75	3.68	4.520	0.22
90th %ile	4.00	2.50	7.80	7.40	10.04	694	10.47	7.372	0.82
Max (100th %ile)	4.00	<5	7.80	17.00	10.20	920	14.30	8.220	1.23

Narooma Sewage Treatment Plant - Monthly Result Summary - November 2022

Licensee: Eurobodalla Shire Council
 EPL No.: 1398
 Premises: Narooma Sewage Treatment Plant
 Address: Lakeside Drive, Narooma, NSW 2546



Anniversary Date: 1-Apr-21
 Published Date: 23-Feb-23

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

EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOlicence.aspx?DOCID=206031&SYSUID=1&LICID=1398>

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

Licence Point 2 - Influent Volume Monitoring			
Sample Frequency	Daily (Continuous)	Maximum Daily flow (kL)	20000
Sampling Method	Ultrasonic Flow Meter		
Sample Date	Rainfall (mm)	Plant inflow (kL)	Exceedance (YES/NO)
1-Nov-22	12.8	1715.9	NO
2-Nov-22	0	2724.4	NO
3-Nov-22	0	1812.9	NO
4-Nov-22	0	1598.5	NO
5-Nov-22	0	1589.0	NO
6-Nov-22	0	1614.3	NO
7-Nov-22	0	1557.7	NO
8-Nov-22	0	1514.0	NO
9-Nov-22	0	1502.8	NO
10-Nov-22	0	1459.2	NO
11-Nov-22	8.2	1442.1	NO
12-Nov-22	0.6	1653.2	NO
13-Nov-22	8.2	1649.7	NO
14-Nov-22	0	1822.6	NO
15-Nov-22	9.6	1756.8	NO
16-Nov-22	0.6	1787.3	NO
17-Nov-22	0	1946.8	NO
18-Nov-22	0	1662.4	NO
19-Nov-22	0	1605.9	NO
20-Nov-22	0.4	1617.0	NO
21-Nov-22	0	1575.9	NO
22-Nov-22	0	1496.2	NO
23-Nov-22	0.6	1523.7	NO
24-Nov-22	11.4	1506.8	NO
25-Nov-22	6	1604.9	NO
26-Nov-22	0	2024.8	NO
27-Nov-22	1	1737.1	NO
28-Nov-22	0.2	1625.0	NO
29-Nov-22	0	1508.0	NO
30-Nov-22	0	1562.2	NO
Monthly Total	59.60	50196.92	
Monthly Minimum	0.00	1442.14	
Monthly Mean	1.99	1673.23	
Monthly Maximum	12.80	2724.44	
Year to Date Total	772.00	507175.45	
Year to Date Minimum	0.00	1316.00	
Year to Date Mean	3.16	2078.59	
Year to Date Maximum	71.40	10515.43	

Narooma Sewage Treatment Plant - Monthly Result Summary - November 2022

Licensee: Eurobodalla Shire Council
 EPL No.: 1398
 Premises: Narooma Sewage Treatment Plant
 Address: Lakeside Drive, Narooma, NSW 2546
 Licence Period: 01-Apr-21 to 31-Mar-22
 EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewFOEOLicence.aspx?DOCID=206031&SYSUID=1&LICID=1398>
 POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>



Anniversary Date: 1-Apr-21
 Published Date: 23-Feb-23

Licence Point 4 - Ambient Water Monitoring (Monthly Result)

Frequency	Special Frequency 2*	
Sampling Method	Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date
1-Nov-22	47	10-Nov-22
8-Nov-22	<1	12-Nov-22
15-Nov-22	1	24-Nov-22
22-Nov-22	1	26-Nov-22
29-Nov-22	2	9-Dec-22

Licence Point 5 - Ambient Water Monitoring (Monthly Result)

Frequency	Special Frequency 2*	
Sampling Method	Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date
1-Nov-22	21	10-Nov-22
8-Nov-22	<1	12-Nov-22
15-Nov-22	13	24-Nov-22
22-Nov-22	<1	26-Nov-22
29-Nov-22	<1	9-Dec-22

* 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	5
Min	<1
Mean	10.20
Median (50th %ile)	1
90th %ile	1
Max (100th %ile)	47

Licence Point 5 - Ambient Water Monitoring (Year to Date Results)

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	5
Min	<1
Mean	6.80
Median (50th %ile)	0
90th %ile	0
Max (100th %ile)	21

Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

Narooma Sewage Treatment Plant - Monthly Result Summary - November 2022

Licensee: Eurobodalla Shire Council

EPL No.: 1398

Premises: Narooma Sewage Treatment Plant

Address: Lakeside Drive, Narooma, NSW 2546

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

EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewFOEOLicence.aspx?DOCID=206031&SYSUID=1&LICID=1398>

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



Anniversary Date: 1-Apr-21

Published Date: 23-Feb-23

EPA Licence Point Map

