

Narooma Sewage Treatment Plant - Monthly Result Summary - April 2021



Anniversary Date: 1-Apr-21
Published Date: 18-May-21

Licensee: Eurobodalla Shire Council
EPL No.: 1398
Premises: Narooma Sewage Treatment Plant
Address: Lakeside Drive, Narooma, NSW 2546
Licence Period: 01-Apr-20 to 31-Mar-21
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: **Apr-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	25
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	6 Times Per Year	6 Times Per Year	6 Times Per Year	6 Times Per Year	Special Frequency 2*	6 Times Per Year	6 Times Per Year	6 Times Per Year	
Sampling Method	Composite Sample	Grab Sample	Grab Sample	Composite 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)	Faecal Coliforms (CFU/100mL)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Ammonia (mg/L)	Obtained Date
20-Apr-21	<2	<5	7.20	3.00		12.80	6.60	0.15	5-May-21
100 Percentile Exceedance?	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)	Faecal Coliforms (CFU/100mL)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Ammonia (mg/L)
Total Samples	1	1	1	1		1	1	1
Minimum Result	<2	<5	7.20	3.00		12.80	6.60	0.15
Mean Result	1.00	2.50	7.20	3.00		12.80	6.60	0.15
Median Result	1.00	2.50	7.20	3.00		12.80	6.60	0.15
Maximum Result	<2	<5	7.20	3.00		12.80	6.60	0.15

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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-Apr-21	0	1778.1	NO
2-Apr-21	0	1856.6	NO
3-Apr-21	0	2010.7	NO
4-Apr-21	0	2089.7	NO
5-Apr-21	3.4	2094.8	NO
6-Apr-21	7.2	2003.9	NO
7-Apr-21	0.2	2147.3	NO
8-Apr-21	0.2	2067.2	NO
9-Apr-21	0.4	1933.5	NO
10-Apr-21	0	1807.3	NO
11-Apr-21	0	1806.2	NO
12-Apr-21	0	1747.3	NO
13-Apr-21	0	1703.9	NO
14-Apr-21	0	1798.2	NO
15-Apr-21	0	1671.6	NO
16-Apr-21	0	1681.2	NO
17-Apr-21	0	1631.0	NO
18-Apr-21	0	1554.3	NO
19-Apr-21	0	1526.7	NO
20-Apr-21	1.2	1508.2	NO
21-Apr-21	0	1506.0	NO
22-Apr-21	0	1467.0	NO
23-Apr-21	0	1462.7	NO
24-Apr-21	0	1483.6	NO
25-Apr-21	0	1563.1	NO
26-Apr-21	0	1598.1	NO
27-Apr-21	0	1536.5	NO
28-Apr-21	0	1456.0	NO
29-Apr-21	0	1428.1	NO
30-Apr-21	0	1444.3	NO
Monthly Total	12.6	51363.0	
Monthly Minimum	0	1428.05	
Monthly Mean	0.42	1712.10	
Monthly Maximum	7.2	2147.33	
Year to Date Total	12.6	51363.0	
Year to Date Minimum	0	1428.05	
Year to Date Mean	0.42	1712.10	
Year to Date Maximum	7.2	2147.33	

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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

Licence Point 5 - 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	

Licence Point 5 - 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

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EPA Licence Point Map

