

Narooma Sewage Treatment Plant - Monthly Result Summary - February 2025



Anniversary Date: 1-Apr-24
Published Date: 17-Mar-25

Licensee: Eurobodalla Shire Council

EPL No.: 1398

Premises: Narooma Sewage Treatment Plant

Address: Lakeside Drive, Narooma, NSW 2546

Licence Period: 01-Apr-24 to 31-Mar-25

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: **Feb-25**

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	6 Times Per Year	6 Times Per Year	6 Times Per Year	6 Times Per Year	6 Times Per Year	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)	Chlorophyll a (mg/m3)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Ammonia (mg/L)	Obtained Date
18-Feb-25	3.00	<5	8.60	5.00	7.96	2.46	8.30	0.04	26-Feb-25
100 Percentile Exceedance?	NO	NO	YES	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	12	12	12	12	12	12	12	12
Min	<2	<5	7.10	<2	2.50	2.46	1.400	0.04
Mean	1.75	2.50	8.08	6.17	9.73	7.92	5.582	0.44
Median (50th %ile)	2.00	2.50	7.80	6.50	6.08	7.54	5.530	0.23
90th %ile	2.90	2.50	8.99	9.90	16.13	12.79	7.348	1.00
Max (100th %ile)	3.00	<5	9.90	11.00	35.99	14.10	8.300	1.84

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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-Feb-25	0	1706.3	NO
2-Feb-25	0	1693.0	NO
3-Feb-25	0	1637.6	NO
4-Feb-25	0	1574.0	NO
5-Feb-25	0	1524.3	NO
6-Feb-25	0	1516.3	NO
7-Feb-25	4.2	1567.1	NO
8-Feb-25	10	1822.8	NO
9-Feb-25	1.4	1702.8	NO
10-Feb-25	0	1557.3	NO
11-Feb-25	1.2	1528.0	NO
12-Feb-25	0	1569.3	NO
13-Feb-25	1	1522.0	NO
14-Feb-25	28.6	1816.4	NO
15-Feb-25	2	1819.6	NO
16-Feb-25	0.2	1712.0	NO
17-Feb-25	0	1619.7	NO
18-Feb-25	0	1496.1	NO
19-Feb-25	0	1464.5	NO
20-Feb-25	0	1484.3	NO
21-Feb-25	1.4	1555.9	NO
22-Feb-25	0	1599.6	NO
23-Feb-25	0	1564.4	NO
24-Feb-25	0	1553.5	NO
25-Feb-25	0	1432.5	NO
26-Feb-25	0	1485.7	NO
27-Feb-25	0	1449.0	NO
28-Feb-25	0	1487.1	NO
			NO
Monthly Total	50.00	44460.85	
Monthly Minimum	0.00	1432.45	
Monthly Mean	1.79	1587.89	
Monthly Maximum	28.60	1822.82	
Year to Date Total	863.90	632982.67	
Year to Date Minimum	0.00	1238.40	
Year to Date Mean	2.59	1895.16	
Year to Date Maximum	97.60	35853.10	

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Licence Point 3 - Effluent Quality Monitoring (Monthly Results)		
Frequency	Special Frequency 2*	
Sampling Method	Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date
4-Feb-25	450	14-Feb-25
11-Feb-25	2	18-Feb-25
18-Feb-25	90	26-Feb-25
25-Feb-25	7	1-Mar-25

Licence Point 4 - Ambient Water Monitoring (Monthly Results)		
Frequency	Special Frequency 2*	
Sampling Method	Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date
4-Feb-25	<1	14-Feb-25
11-Feb-25	3	18-Feb-25
18-Feb-25	<1	26-Feb-25
25-Feb-25	1	1-Mar-25

Licence Point 5 - Ambient Water Monitoring (Monthly Results)		
Frequency	Special Frequency 2*	
Sampling Method	Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date
4-Feb-25	<1	14-Feb-25
11-Feb-25	21	18-Feb-25
18-Feb-25	<1	26-Feb-25
25-Feb-25	<1	1-Mar-25

* 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	Faecal Coliforms (CFU/100mL)
Samples	17
Min	2
Mean	420.35
Median (50th %ile)	90
90th %ile	1004
Max (100th %ile)	2700

Licence Point 4 - Ambient Water Monitoring (Year to Date Results)	
Year to Date	Faecal Coliforms (CFU/100mL)
Samples	17
Min	<1
Mean	1.06
Median (50th %ile)	0
90th %ile	3.8
Max (100th %ile)	9

Licence Point 5 - Ambient Water Monitoring (Year to Date Results)	
Year to Date	Faecal Coliforms (CFU/100mL)
Samples	17
Min	<1
Mean	2.12
Median (50th %ile)	0
90th %ile	4.2
Max (100th %ile)	21

Monthly Exceedance Report			
Date	Exceedance Type	Parameter	Description / Action
4-Feb-25	L3.1 Concentration Limits	Faecal Coliform	Faecal Coliform result (450 CFU/100ml) exceeded 90 percentile concentration limit (200 CFU/100ml) at monitoring point 3. pH result (8.60) exceeded 100 percentile concentration limit 6.5-8.5) at monitoring point 3.
18-Feb-25	L3.1 Concentration Limits	pH	

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EPA Licence Point Map

