

Narooma Sewage Treatment Plant - Monthly Result Summary - January 2018



Licensee: Eurobodalla Shire Council
 EPL No.: 1398
 Premises: Narooma Sewage Treatment Plant
 Address: Lakeside Drive, Kianga, Narooma, NSW 2546
 Licence Period: 01-Apr-17 to 31-Mar-18
 EPL Link: <http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=28938&SYSUID=1&LICID=1398>
 POEO Public Register: <http://www.environment.nsw.gov.au/prpoeoapp/default.aspx>

Anniversary Date: 01-Apr-17
 Published Date: 08-Feb-18

Required Month: Jan-18

Licence Point / Type of Point: Licence Point 1 - Discharge to Waters			
Parameters	Unit of Measure	50 percentile concentration limit	100 percentile concentration limit
Biological Oxygen Demand	(mg/L)	10	20
Oil and Grease	(mg/L)	-	10
Total Nitrogen	(mg/L)	-	-
Total Phosphorus	(mg/L)	-	-
Total Suspended Solids	(mg/L)	15	30

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 / Type of Point: Licence Point 3 - Effluent Quality Monitoring							
Sample Frequency	6 times per year	Special Frequency 1	6 times per year	6 times per year	6 times per year	6 times per year	
Actual Frequency	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	
Sampling Method	Composite	Grab	Grab	Composite	Composite	Composite	
Parameters	Biological Oxygen Demand	Chlorophyll a	Oil and Grease	Total Nitrogen	Total Phosphorus	Total Suspended Solids	
Unit of Measure	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
Sample Date							Obtained Date
02-Jan-18	5	0.0431	<3	8.84	7.28	5.00	11-Jan-18
30-Jan-18	3	0.0076	<3	2.57	9.60	3.00	08-Feb-18
Minimum Value	3	0.0076	<3	2.57	7.28	3.00	
Maximum Value	5	0.0431	<3	8.84	9.60	5.00	

Licence Condition - 100 Percentile									
Sample Date	Biological Oxygen Demand			Oil and Grease			Total Suspended Solids		
	Measurement	Actual 100 Percentile to Sample Date	Exceedance	Measurement	Actual 100 Percentile to Sample Date	Exceedance	Measurement	Actual 100 Percentile to Sample Date	Exceedance
02-Jan-18	5	15	NO	<3	3	NO	5	25	NO
30-Jan-18	3	15	NO	<3	3	NO	3	25	NO

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Licence Point / Type of Point: Licence Point 4 - Ambient Water Monitoring		
Sample Frequency	Special Frequency 2	
Sampling Method	Grab	
Parameters	Faecal Coliforms (cfu/100mL)	
Unit of Measure		Obtained Date
Sample Date		
02-Jan-18	4	11-Jan-18
09-Jan-18	6	13-Jan-18
16-Jan-18	22	25-Jan-18
23-Jan-18	<1	26-Jan-18
30-Jan-18	20	08-Feb-18

Licence Point / Type of Point: Licence Point 5 - Ambient Water Monitoring		
Sample Frequency	Special Frequency 2	
Sampling Method	Grab	
Parameters	Faecal Coliforms (cfu/100mL)	
Unit of Measure		Obtained Date
Sample Date		
02-Jan-18	1	11-Jan-18
09-Jan-18	6	13-Jan-18
16-Jan-18	27	25-Jan-18
23-Jan-18	1	26-Jan-18
30-Jan-18	40	08-Feb-18

Special Frequency 1: means collect and store sample monthly, at the same time as Biochemical Oxygen Demand or Total Suspended Solids sampling. If the Biochemical Oxygen Demand or Total Suspended Solids 100 percentile concentration limit is exceeded as per condition L3.3, then analyse the stored sample for chlorophyll a and report results to the EPA as soon as the results become available.

Special Frequency 2: means weekly during the months of November, December, January, February and March (the aim being weekly sampling during these months)

A composite sample: is defined as at least three grab samples forming a pooled sample, with the first and last samples taken at least seven hours apart. The requirement to use composite sampling does not commence until 30 September 2005. Until this date, representative samples must be collected.

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Licence Point / Type of Point: Licence Point 2 - Influent Volume Monitoring			
Sample Frequency	Daily (Continuous)	Maximum Daily flow (kl)	20000
Sampling Method	Ultrasonic Flow Meter		
Parameters	Rainfall (mm)	Flow (kl)	Exceedance (YES/NO)
Unit of Measure			
Sample Date			
1-Jan-18	0	2405.5	NO
2-Jan-18	10.8	2446.5	NO
3-Jan-18	0	2592.0	NO
4-Jan-18	0	2513.3	NO
5-Jan-18	0	2474.6	NO
6-Jan-18	0	2204.1	NO
7-Jan-18	0	2234.0	NO
8-Jan-18	16	2161.1	NO
9-Jan-18	1.2	2367.4	NO
10-Jan-18	0	2367.4	NO
11-Jan-18	0	2304.4	NO
12-Jan-18	8.2	2149.5	NO
13-Jan-18	28.2	2020.5	NO
14-Jan-18	0.4	2340.8	NO
15-Jan-18	0	3149.5	NO
16-Jan-18	0	2106.4	NO
17-Jan-18	0	2064.1	NO
18-Jan-18	0	2053.7	NO
19-Jan-18	0	1928.3	NO
20-Jan-18	0	1971.3	NO
21-Jan-18	0	1904.1	NO
22-Jan-18	0	1830.8	NO
23-Jan-18	1	1781.0	NO
24-Jan-18	0.4	1794.6	NO
25-Jan-18	2	1831.4	NO
26-Jan-18	0	1802.0	NO
27-Jan-18	0	1932.8	NO
28-Jan-18	28.4	1957.3	NO
29-Jan-18	0	2535.5	NO
30-Jan-18	7.8	1900.5	NO
31-Jan-18	0	1823.2	NO
Monthly Total	104	66948	
Monthly Minimum	0	1781	
Monthly Maximum	28	3150	

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Exceedance Report

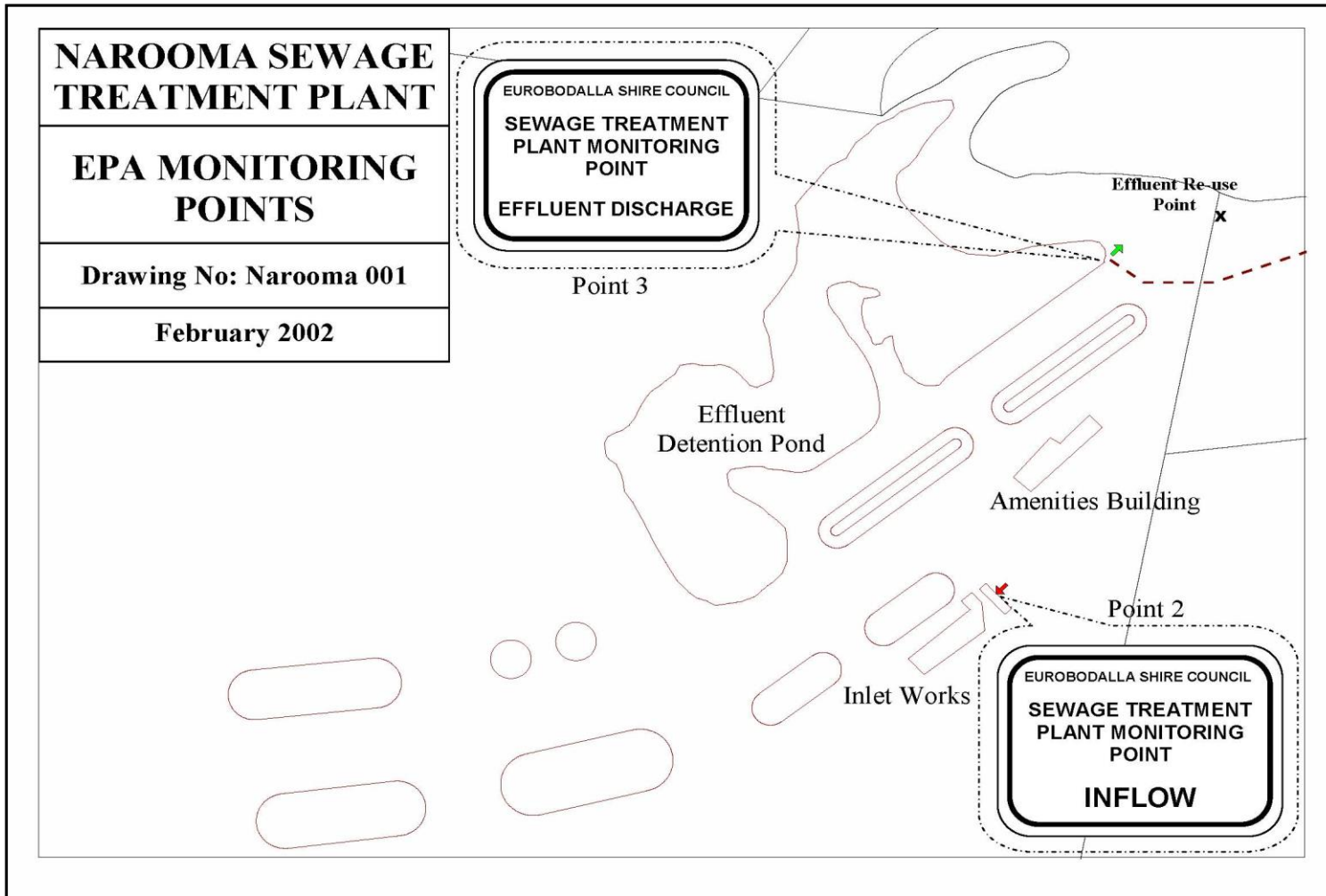
Date	Exceedance Type	Parameter	Description / Action

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