

Moruya Sewage Treatment Plant - Monthly Result Summary - March 2020



Licensee: Eurobodalla Shire Council
 EPL No.: 1614
 Premises: Moruya Sewage Treatment Plant
 Address: Queen Street, Moruya, NSW 2537

Anniversary Date: 01-Apr-19
 Published Date: 03-Apr-20

License Period: 01-Apr-19 to 31-Mar-20

EPL Link: <http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=28981&SYSUID=1&LICID=1614>

POEO Public Register: <http://www.environment.nsw.gov.au/prpoeoapp/default.aspx>

Required Month: Mar-20

License Point / Type of Point: License Point 6 - Discharge to Utilisation Area

Parameters	Unit of Measure	50 percentile concentration limit	90 percentile concentration limit	100 percentile concentration limit
Biological Oxygen Demand	(mg/L)	10	-	20
Oil and Grease	(mg/L)	-	-	10
Total Nitrogen	(mg/L)	-	15	-
Total Phosphorus	(mg/L)	-	1	-
Total Suspended Solids	(mg/L)	20	-	30

See Note 1

License Point/Type of Point License Point 11 - Discharge to Waters

Parameters	Unit of Measure	50 percentile concentration limit	90 percentile concentration limit	100 percentile concentration limit
Biological Oxygen Demand	(mg/L)	10	-	20
Oil and Grease	(mg/L)	-	-	10
Total Nitrogen	(mg/L)	-	15	-
Total Phosphorus	(mg/L)	-	1	-
Total Suspended Solids	(mg/L)	20	-	30

See Note 1

Note 1: A 100 Percentile Concentration Limit of "10 mg/L and no visible oil and grease" applies for Point 11 and Point 6.

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 11 and 6 as described in condition L3.

License Point / Type of Point: License Point 3 - Effluent Quality Monitoring

Sample Frequency	Monthly	Special Frequency 1	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
24-Mar-20	<2	0.0026	<10	4.14	0.094	3	03-Apr-20
Minimum Value	<2	0.0026	<3	4.14	0.094	3	
Maximum Value	<2	0.0026	<3	4.14	0.094	3	

Note 1: 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

Note 2: For the purpose of this licence, 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.

100 Percentile - Licence Condition

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
24-Mar-20	<2	5	NO	<10	10	NO	3.00	11	NO

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Licence Point / Type of Point: Licence Point 7 - Ambient Water Monitoring			
Sample Frequency	Monthly	Monthly	
Sampling Method	Grab	Grab	
Parameters	Total Nitrogen	Total Phosphorus	
Unit of Measure	(mg/L)	(mg/L)	
Sample Date			Obtained Date
24-Mar-20	1.62	0.069	03-Apr-20

Licence Point / Type of Point: Licence Point 9 - Ambient Water Monitoring			
Sample Frequency	Monthly	Monthly	
Sampling Method	Grab	Grab	
Parameters	Total Nitrogen	Total Phosphorus	
Unit of Measure	(mg/L)	(mg/L)	
Sample Date			Obtained Date
24-Mar-20	0.31	0.013	03-Apr-20

Licence Point / Type of Point: Licence Point 8 - Ambient Water Monitoring			
Sample Frequency	Monthly	Monthly	
Sampling Method	Grab	Grab	
Parameters	Total Nitrogen	Total Phosphorus	
Unit of Measure	(mg/L)	(mg/L)	
Sample Date			Obtained Date
24-Mar-20	0.51	0.036	03-Apr-20

Licence Point / Type of Point: Licence Point 10 - Ambient Water Monitoring			
Sample Frequency	Monthly	Monthly	
Sampling Method	Grab	Grab	
Parameters	Total Nitrogen	Total Phosphorus	
Unit of Measure	(mg/L)	(mg/L)	
Sample Date			Obtained Date
24-Mar-20	0.29	0.014	03-Apr-20

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License Point / Type of Point:	License Point 2 - Influent Volume Monitoring		
Sample Frequency	Daily (Continuous)	Maximum Daily Flow (kL)	14000
Sampling Method	Ultrasonic Flow Meter		
Parameters	Rainfall	Flow	Exceedance
Unit of Measure	(mm)	(kL)	(YES/NO)
Sample Date			
1-Mar-20	0	524	NO
2-Mar-20	0	521	NO
3-Mar-20	0	650	NO
4-Mar-20	62.2	529	NO
5-Mar-20	19.4	1483	NO
6-Mar-20	8	2022	NO
7-Mar-20	0	1576	NO
8-Mar-20	0	1240	NO
9-Mar-20	0	969	NO
10-Mar-20	0	852	NO
11-Mar-20	0	841	NO
12-Mar-20	0	817	NO
13-Mar-20	0	879	NO
14-Mar-20	4	906	NO
15-Mar-20	0	916	NO
16-Mar-20	6.8	795	NO
17-Mar-20	1.2	834	NO
18-Mar-20	0	860	NO
19-Mar-20	0	827	NO
20-Mar-20	0	819	NO
21-Mar-20	0	711	NO
22-Mar-20	0	684	NO
23-Mar-20	0.2	705	NO
24-Mar-20	0	650	NO
25-Mar-20	1.6	643	NO
26-Mar-20	1	636	NO
27-Mar-20	4.6	659	NO
28-Mar-20	0	611	NO
29-Mar-20	4.4	574	NO
30-Mar-20	0.8	583	NO
31-Mar-20	0.6	599	NO
Monthly Total	115	25915	
Monthly Minimum	0	521	
Monthly Maximum	62	2022	

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Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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