

Moruya Sewage Treatment Plant - Monthly Result Summary - February 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: Feb-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
25-Feb-20	3	0.0049	<10	2.97	0.097	7	06-Mar-20
Minimum Value	3	0.0049	<3	2.97	0.097	7	
Maximum Value	3	0.0049	<3	2.97	0.097	7	

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
25-Feb-20	3	5	NO	<10	10	NO	7.00	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
25-Feb-20	3.15	0.505	06-Mar-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
25-Feb-20	1.06	0.019	06-Mar-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
25-Feb-20	2.59	0.219	06-Mar-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
25-Feb-20	0.86	0.023	06-Mar-20

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Licence Point / Type of Point:		Licence 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-Feb-20	0	457	NO	
2-Feb-20	1.8	411	NO	
3-Feb-20	0	415	NO	
4-Feb-20	0	466	NO	
5-Feb-20	0	456	NO	
6-Feb-20	0	438	NO	
7-Feb-20	0	489	NO	
8-Feb-20	0	481	NO	
9-Feb-20	110	800	NO	
10-Feb-20	121	1105	NO	
11-Feb-20	0	4164	NO	
12-Feb-20	12	3567	NO	
13-Feb-20	13	1907	NO	
14-Feb-20	0	2310	NO	
15-Feb-20	7.5	1466	NO	
16-Feb-20	0	1087	NO	
17-Feb-20	0	1037	NO	
18-Feb-20	0	937	NO	
19-Feb-20	2	879	NO	
20-Feb-20	0	773	NO	
21-Feb-20	0	724	NO	
22-Feb-20	0	663	NO	
23-Feb-20	0	626	NO	
24-Feb-20	0	612	NO	
25-Feb-20	6	643	NO	
26-Feb-20	0	633	NO	
27-Feb-20	0	600	NO	
28-Feb-20	0	623	NO	
29-Feb-20	0	556	NO	
Monthly Total	273	29325		
Monthly Minimum	0	411		
Monthly Maximum	121	4164		

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Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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