

Moruya Sewage Treatment Plant - Monthly Result Summary - April 2019



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: 06-Jun-19

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: **Apr-19**

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	Obtained Date
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							
16-Apr-19	<2	0.0042	<3	4.89	0.167	5	30-Apr-19
Minimum Value	<2	0.0042	<3	4.89	0.167	5	
Maximum Value	<2	0.0042	<3	4.89	0.167	5	

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
16-Apr-19	<2	2	NO	<3	3	NO	5.00	5	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
16-Apr-19	1.67	0.097	30-Apr-19

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
16-Apr-19	0.17	0.012	30-Apr-19

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
16-Apr-19	1.41	0.049	30-Apr-19

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
16-Apr-19	0.21	0.017	30-Apr-19

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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-Apr-19	0	631	NO	
2-Apr-19	0	588	NO	
3-Apr-19	0	580	NO	
4-Apr-19	15.2	702	NO	
5-Apr-19	2	843	NO	
6-Apr-19	0	681	NO	
7-Apr-19	0	625	NO	
8-Apr-19	0	645	NO	
9-Apr-19	0.2	607	NO	
10-Apr-19	0	644	NO	
11-Apr-19	0	594	NO	
12-Apr-19	0	553	NO	
13-Apr-19	0	521	NO	
14-Apr-19	0	509	NO	
15-Apr-19	0	540	NO	
16-Apr-19	0	547	NO	
17-Apr-19	0	591	NO	
18-Apr-19	0	596	NO	
19-Apr-19	0	554	NO	
20-Apr-19	0	613	NO	
21-Apr-19	0	517	NO	
22-Apr-19	0	577	NO	
23-Apr-19	0	531	NO	
24-Apr-19	0	570	NO	
25-Apr-19	0	505	NO	
26-Apr-19	0	564	NO	
27-Apr-19	0	482	NO	
28-Apr-19	0	466	NO	
29-Apr-19	0	473	NO	
30-Apr-19	0	683	NO	
Monthly Total	17	17532		
Monthly Minimum	0	466		
Monthly Maximum	15	843		

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Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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