

Moruya Sewage Treatment Plant - Monthly Result Summary - November 2019



Licensee: Eurobodalla Shire Council
 EPL No.: 1614
 Premises: Moruya Sewage Treatment Plant
 Address: Queen Street, Moruya, NSW 2537
 Licence Period: 01-Apr-19 to 31-Mar-20
 EPL Link: <http://www.environment.nsw.gov.au/prpoeapp/ViewPOEOLicence.aspx?DOCID=28981&SYSUID=1&LICID=1614>
 POEO Public Register: <http://www.environment.nsw.gov.au/prpoeapp/default.aspx>

Anniversary Date: 01-Apr-19
 Published Date: 18-Dec-19

Required Month: **Nov-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	
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
05-Nov-19	<2	0.0011	<3	5.16	0.136	3	14-Nov-19
Minimum Value	<2	0.0011	<3	5.16	0.136	3	
Maximum Value	<2	0.0011	<3	5.16	0.136	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
05-Nov-19	<2	5	NO	<3	3	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
05-Nov-19	1.12	0.072	14-Nov-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
05-Nov-19	0.20	0.014	14-Nov-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
05-Nov-19	1.63	0.032	14-Nov-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
05-Nov-19	0.23	0.02	14-Nov-19

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License 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-Nov-19	0	445	NO
2-Nov-19	0	431	NO
3-Nov-19	9.4	411	NO
4-Nov-19	2.6	440	NO
5-Nov-19	0.6	451	NO
6-Nov-19	0	433	NO
7-Nov-19	0	412	NO
8-Nov-19	3.6	408	NO
9-Nov-19	0	456	NO
10-Nov-19	0	406	NO
11-Nov-19	0	366	NO
12-Nov-19	0	379	NO
13-Nov-19	0	497	NO
14-Nov-19	0	417	NO
15-Nov-19	0	452	NO
16-Nov-19	0	416	NO
17-Nov-19	0	411	NO
18-Nov-19	0	411	NO
19-Nov-19	0	425	NO
20-Nov-19	0	440	NO
21-Nov-19	0	442	NO
22-Nov-19	0	443	NO
23-Nov-19	0	422	NO
24-Nov-19	0	415	NO
25-Nov-19	0	410	NO
26-Nov-19	0	448	NO
27-Nov-19	0	415	NO
28-Nov-19	0	444	NO
29-Nov-19	0	429	NO
30-Nov-19	0	425	NO
Monthly Total	16	12800	
Monthly Minimum	0	366	
Monthly Maximum	9	497	

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Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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