

Moruya Sewage Treatment Plant - Monthly Result Summary - August 2018



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

Anniversary Date: 01-Apr-18  
 Published Date: 07-Sep-18

Licence Period: 01-Apr-18 to 31-Mar-19

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

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Required Month: Aug-18

**Licence Point / Type of Point: Licence 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

**Licence Point/Type of Point Licence 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.

**Licence Point / Type of Point: Licence 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
14-Aug-18	<2	0.0017	<3	15.7	0.128	3	23-Aug-18
Minimum Value	<2	0.0017	<3	15.7	0.128	3	
Maximum Value	<2	0.0017	<3	15.7	0.128	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
14-Aug-18	<2	4	NO	<3	3	NO	3.00	12	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-Aug-18	4.09	0.042	23-Aug-18

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-Aug-18	0.16	0.007	23-Aug-18

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-Aug-18	4.09	0.032	23-Aug-18

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-Aug-18	0.17	0.009	23-Aug-18

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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-Aug-18	0	477	NO
2-Aug-18	0	554	NO
3-Aug-18	0	458	NO
4-Aug-18	0	448	NO
5-Aug-18	0	433	NO
6-Aug-18	0	529	NO
7-Aug-18	0	453	NO
8-Aug-18	0	467	NO
9-Aug-18	0	502	NO
10-Aug-18	0	538	NO
11-Aug-18	0	452	NO
12-Aug-18	0	452	NO
13-Aug-18	0	462	NO
14-Aug-18	0	465	NO
15-Aug-18	0	476	NO
16-Aug-18	0	444	NO
17-Aug-18	0	446	NO
18-Aug-18	0	445	NO
19-Aug-18	0	426	NO
20-Aug-18	0	461	NO
21-Aug-18	0	498	NO
22-Aug-18	0	485	NO
23-Aug-18	0	505	NO
24-Aug-18	0.2	451	NO
25-Aug-18	0.8	451	NO
26-Aug-18	2.8	456	NO
27-Aug-18	0	479	NO
28-Aug-18	0	475	NO
29-Aug-18	0	475	NO
30-Aug-18	0	649	NO
31-Aug-18	2.2	500	NO
Monthly Total	6	14812	
Monthly Minimum	0	426	
Monthly Maximum	3	649	

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Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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