

Moruya Sewage Treatment Plant - Monthly Result Summary - March 2018



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

Anniversary Date: 01-Apr-17  
 Published Date: 23-Apr-18

License Period: 01-Apr-17 to 31-Mar-18  
 EPL Link: <http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=28981&SYSUID=1&LICID=1614>  
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Required Month: Mar-18

**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
27-Mar-18	<2	0.0027	<3	3.61	0.076	2	07-Apr-18
Minimum Value	<2	0.0027	<3	3.61	0.076	2	
Maximum Value	<2	0.0027	<3	3.61	0.076	2	

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
27-Mar-18	<2	3	NO	<3	3	NO	2.00	6	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
27-Mar-18	1.81	0.165	07-Apr-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
27-Mar-18	0.27	0.012	07-Apr-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
27-Mar-18	1.86	0.153	07-Apr-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
27-Mar-18	0.20	0.012	07-Apr-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-Mar-18	0	1158	NO
2-Mar-18	0	1063	NO
3-Mar-18	0	956	NO
4-Mar-18	1.4	873	NO
5-Mar-18	0.4	874	NO
6-Mar-18	3.4	916	NO
7-Mar-18	0	861	NO
8-Mar-18	0	884	NO
9-Mar-18	0	776	NO
10-Mar-18	0	777	NO
11-Mar-18	0	775	NO
12-Mar-18	0	800	NO
13-Mar-18	0	731	NO
14-Mar-18	0	742	NO
15-Mar-18	0	800	NO
16-Mar-18	0	681	NO
17-Mar-18	0	669	NO
18-Mar-18	0	642	NO
19-Mar-18	0	662	NO
20-Mar-18	27	679	NO
21-Mar-18	6.4	801	NO
22-Mar-18	27.8	1065	NO
23-Mar-18	1.41	1032	NO
24-Mar-18	0.2	862	NO
25-Mar-18	0	780	NO
26-Mar-18	0	787	NO
27-Mar-18	0	737	NO
28-Mar-18	0	772	NO
29-Mar-18	0	843	NO
30-Mar-18	0	741	NO
31-Mar-18	0	770	NO
Monthly Total	68	25509	
Monthly Minimum	0	642	
Monthly Maximum	28	1158	

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Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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