

Moruya Sewage Treatment Plant - Monthly Result Summary - February 2018



Licensee: Eurobodalla Shire Council  
 EPL No.: 1614  
 Premises: Moruya Sewage Treatment Plant  
 Address: Queen Street, Moruya, NSW 2537  
 Licence 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>  
 POEO Public Register: <http://www.environment.nsw.gov.au/prpoeoapp/default.aspx>

Anniversary Date: 01-Apr-17  
 Published Date: 09-Mar-18

Required Month: Feb-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
28-Feb-18	3	0.0098	<3	4	0.305	6	09-Mar-18
Minimum Value	3	0.0098	<3	4	0.305	6	
Maximum Value	3	0.0098	<3	4	0.305	6	

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
28-Feb-18	3	3	NO	<3	3	NO	6.00	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-Feb-18	2.74	0.202	09-Mar-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-Feb-18	0.44	0.018	09-Mar-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-Feb-18	2.35	0.155	09-Mar-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-Feb-18	0.36	0.018	09-Mar-18

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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-18	0	663	NO
2-Feb-18	16.2	768	NO
3-Feb-18	6.4	740	NO
4-Feb-18	0	686	NO
5-Feb-18	0	663	NO
6-Feb-18	0	654	NO
7-Feb-18	0	647	NO
8-Feb-18	0	708	NO
9-Feb-18	0	653	NO
10-Feb-18	2.2	629	NO
11-Feb-18	0	598	NO
12-Feb-18	0	661	NO
13-Feb-18	0	618	NO
14-Feb-18	0	689	NO
15-Feb-18	0	688	NO
16-Feb-18	0	640	NO
17-Feb-18	0	584	NO
18-Feb-18	0	572	NO
19-Feb-18	51	1141	NO
20-Feb-18	0.2	833	NO
21-Feb-18	0	750	NO
22-Feb-18	0	694	NO
23-Feb-18	0	766	NO
24-Feb-18	10.8	695	NO
25-Feb-18	88.6	3548	NO
26-Feb-18	9	3286	NO
27-Feb-18	0	1750	NO
28-Feb-18	0	1430	NO
<b>Monthly Total</b>	184	26754	
<b>Monthly Minimum</b>	0	572	
<b>Monthly Maximum</b>	89	3548	

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### Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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