

Moruya Sewage Treatment Plant - Monthly Result Summary - July 2020



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

Anniversary Date: 01-Apr-20
 Published Date: 02-Sep-20

Licence Period: 01-Apr-20 to 31-Mar-21

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: Jul-20

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	See Note 1
Total Nitrogen	(mg/L)	-	15	-	
Total Phosphorus	(mg/L)	-	1	-	
Total Suspended Solids	(mg/L)	20	-	30	

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	See Note 1
Oil and Grease	(mg/L)	-	-	10	
Total Nitrogen	(mg/L)	-	15	-	
Total Phosphorus	(mg/L)	-	1	-	
Total Suspended Solids	(mg/L)	20	-	30	

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-Jul-20	5	0.0015	<5	11.7	0.26	7	28/07/2020
Minimum Value	5	0.0015	<5	11.7	0.26	7	
Maximum Value	5	0.0015	<5	11.7	0.26	7	

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-Jul-20	5	5	NO	<5	10	NO	7	7	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
14-Jul-20	2.18	0.22	28-Jul-20

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
14-Jul-20	0.19	0.01	28-Jul-20

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
14-Jul-20	2.29	0.21	28-Jul-20

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
14-Jul-20	0.22	0.01	28-Jul-20

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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-Jul-20	0	478	NO	
2-Jul-20	0	502	NO	
3-Jul-20	0.4	470	NO	
4-Jul-20	0	483	NO	
5-Jul-20	0	480	NO	
6-Jul-20	0	502	NO	
7-Jul-20	0	474	NO	
8-Jul-20	0	460	NO	
9-Jul-20	0	512	NO	
10-Jul-20	0	478	NO	
11-Jul-20	0	464	NO	
12-Jul-20	18.6	486	NO	
13-Jul-20	34.4	1062	NO	
14-Jul-20	15.6	1169	NO	
15-Jul-20	0	726	NO	
16-Jul-20	0	692	NO	
17-Jul-20	0	630	NO	
18-Jul-20	0	578	NO	
19-Jul-20	0	529	NO	
20-Jul-20	0	556	NO	
21-Jul-20	0	538	NO	
22-Jul-20	0	517	NO	
23-Jul-20	0	525	NO	
24-Jul-20	0	521	NO	
25-Jul-20	20.8	596	NO	
26-Jul-20	131.8	4714	NO	
27-Jul-20	92.8	6720	NO	
28-Jul-20	9.8	4426	NO	
29-Jul-20	0.2	1979	NO	
30-Jul-20	0	1487	NO	
31-Jul-20	0	1250	NO	
Monthly Total	324	35004		
Monthly Minimum	0	460		
Monthly Maximum	132	6720		

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Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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