

Moruya Sewage Treatment Plant - Monthly Result Summary - February 2021



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: 18-Mar-21

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

EPL Link: <https://apps.epa.nsw.gov.au/prpoeapp/ViewPOEOLicence.aspx?DOCID=183818&SYSUID=1&LICID=1614>

POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeapp/>

Required Month: Feb-21

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	Obtained Date
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							
02-Feb-21	4	0.0033	<5	5.68	0.12	<2	17-Feb-21
23-Feb-21	<2	0.0061	<5	5.15	0.132	5	08-Mar-21
Minimum Value	<2	0.0033	<5	5.15	0.12	<2	
Maximum Value	4	0.0061	<5	5.68	0.132	5	

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
02-Feb-21	4	6	NO	<5	10	NO	<2	13	NO
23-Feb-21	<2	6	NO	<5	10	NO	5	13	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
02-Feb-21	1.75	0.980	17-Feb-21
23-Feb-21	1.55	0.077	08-Mar-21

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
02-Feb-21	1.89	0.204	17-Feb-21
23-Feb-21	0.84	0.033	08-Mar-21

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
02-Feb-21	0.34	0.011	17-Feb-21
23-Feb-21	0.24	0.009	08-Mar-21

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
02-Feb-21	0.46	0.020	17-Feb-21
23-Feb-21	0.23	0.010	08-Mar-21

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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-21	17.8	1275	NO	
2-Feb-21	12	2245	NO	
3-Feb-21	0	1155	NO	
4-Feb-21	0	1018	NO	
5-Feb-21	0	907	NO	
6-Feb-21	0.6	868	NO	
7-Feb-21	0	835	NO	
8-Feb-21	0	760	NO	
9-Feb-21	3.6	782	NO	
10-Feb-21	0.4	756	NO	
11-Feb-21	0	763	NO	
12-Feb-21	0.2	740	NO	
13-Feb-21	0.2	708	NO	
14-Feb-21	0	677	NO	
15-Feb-21	0.2	713	NO	
16-Feb-21	4.2	673	NO	
17-Feb-21	0.6	673	NO	
18-Feb-21	0.6	1317	NO	
19-Feb-21	1	712	NO	
20-Feb-21	0	649	NO	
21-Feb-21	0	619	NO	
22-Feb-21	0.4	644	NO	
23-Feb-21	0	613	NO	
24-Feb-21	0.6	606	NO	
25-Feb-21	0.2	626	NO	
26-Feb-21	0	605	NO	
27-Feb-21	0	581	NO	
28-Feb-21	0	589	NO	
Monthly Total	43	23109		
Monthly Minimum	0	581		
Monthly Maximum	18	2245		

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Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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