

Moruya Sewage Treatment Plant - Monthly Result Summary - January 2021



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

Anniversary Date: 01-Apr-20  
 Published Date: 03-Mar-21

Required Month: Jan-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	
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
05-Jan-21	6	0.0015	<5	5.15	0.185	7	15-Jan-21
Minimum Value	6	0.0015	<5	5.15	0.185	7	
Maximum Value	6	0.0015	<5	5.15	0.185	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
05-Jan-21	6	6	NO	<5	10	NO	7	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
05-Jan-21	1.75	0.175	15-Jan-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
05-Jan-21	0.37	0.026	15-Jan-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
05-Jan-21	1.90	0.198	15-Jan-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
05-Jan-21	1.03	0.095	15-Jan-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-Jan-21	0.6	1373	NO
2-Jan-21	10.4	1182	NO
3-Jan-21	19.2	1156	NO
4-Jan-21	24	1887	NO
5-Jan-21	2.6	2615	NO
6-Jan-21	0	1995	NO
7-Jan-21	0	1603	NO
8-Jan-21	0	1218	NO
9-Jan-21	0	1046	NO
10-Jan-21	0	940	NO
11-Jan-21	0	933	NO
12-Jan-21	0	904	NO
13-Jan-21	0	857	NO
14-Jan-21	0	837	NO
15-Jan-21	10	871	NO
16-Jan-21	0.2	765	NO
17-Jan-21	0	696	NO
18-Jan-21	0	723	NO
19-Jan-21	0	719	NO
20-Jan-21	0	797	NO
21-Jan-21	0	748	NO
22-Jan-21	0	753	NO
23-Jan-21	0	739	NO
24-Jan-21	0	711	NO
25-Jan-21	0	694	NO
26-Jan-21	9.8	657	NO
27-Jan-21	8.6	703	NO
28-Jan-21	14.6	996	NO
29-Jan-21	46.8	1761	NO
30-Jan-21	10.2	1419	NO
31-Jan-21	1.2	1062	NO
Monthly Total	158	33360	
Monthly Minimum	0	657	
Monthly Maximum	47	2615	

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### Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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