

Moruya Sewage Treatment Plant - Monthly Result Summary - May 2025



Anniversary Date: 1-Apr-25
Published Date: 10-Jun-25

Licensee: Eurobodalla Shire Council
EPL No.: 1614
Premises: Moruya Sewage Treatment Plant
Address: Queen Street, Moruya, NSW 2537
Licence Period: 1-Apr-25 to 31-Mar-26
EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=206032&SYSUID=1&LICID=1614>
POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>

Required Month: May-25

Licence Point 6 (Discharge to Utilisation Area) & 11 (Discharge to Waters) - Concentration Limits				See Note 1
Parameters	Unit of Measure	90 percentile concentration limit	100 percentile concentration limit	
Biological Oxygen Demand	(mg/L)	10	15	
Oil and Grease	(mg/L)	5	10	
pH	(pH Units)	-	6.5-8.5	
Total Suspended Solids	(mg/L)	15	20	
Chlorophyll a	(mg/m3)			
Faecal Coliforms	(CFU/100mL)	200	600	
Total Nitrogen	(mg/L)	10	15	
Total Phosphorus	(mg/L)	1	2	
Ammonia	(mg/L)	2	5	

Note 1: A 100 Percentile Concentration Limit of “10 mg/L and no visible oil and grease” applies for Point 1.
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 Points 6 and 11 as described in Condition L3.

Licence Point 3 - Effluent Quality Monitoring (Monthly Results)										
Sample Frequency	Monthly Composite Sample	Monthly Grab Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Grab Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Composite Sample	Monthly Grab Sample	
Sampling Method										
Sampled Date	Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	pH (pH Units)	Total Suspended Solids (mg/L)	Chlorophyll a (mg/m3)	Faecal Coliforms (CFU/100mL)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Ammonia (mg/L)	Obtained Date
13-May-25	2.00	<5	7.00	4.00	4.21	9200	12.80	0.27	0.02	24-May-25
100 Percentile Exceedance?	NO	NO	NO	NO	NO	YES	NO	NO	NO	

Licence Point 3 - Effluent Quality Monitoring (Year To Date Results)									
Year to Date	Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	pH (pH Units)	Total Suspended Solids (mg/L)	Chlorophyll a (mg/m3)	Faecal Coliforms (CFU/100mL)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Ammonia (mg/L)
Samples	2	2	2	2	2	2	2	2	2
Min	<2	<5	7.00	2.00	4.21	9200	5.95	0.178	0.02
Mean	1.50	2.50	7.10	3.00	4.67	34100	9.38	0.224	0.04
Median (50th %ile)	1.50	2.50	7.10	3.00	4.67	34100	9.38	0.224	0.04
90th %ile	1.90	2.50	7.18	3.80	5.04	54020	12.12	0.260	0.06
Max (100th %ile)	2.00	<5	7.20	4.00	5.13	59000	12.80	0.269	0.06

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Licence Point 2 - Influent Volume Monitoring			
Sample Frequency	Daily (Continuous)	Maximum Daily flow (kL)	14000
Sampling Method	Ultrasonic Flow Meter		
Sample Date	Rainfall (mm)	Plant Inflow (kL)	Exceedance (YES/NO)
1-May-25	0	747.0	NO
2-May-25	0	713.0	NO
3-May-25	0	648.0	NO
4-May-25	0	637.0	NO
5-May-25	0	673.0	NO
6-May-25	0	682.0	NO
7-May-25	0	639.0	NO
8-May-25	0	646.0	NO
9-May-25	0	627.0	NO
10-May-25	0	583.0	NO
11-May-25	0	565.0	NO
12-May-25	0	647.0	NO
13-May-25	0	636.0	NO
14-May-25	0	639.0	NO
15-May-25	0	661.0	NO
16-May-25	10.6	676.0	NO
17-May-25	0.6	593.0	NO
18-May-25	0	566.0	NO
19-May-25	0	1158.0	NO
20-May-25	3.8	1044.0	NO
21-May-25	2.8	1636.0	NO
22-May-25	4	2337.0	NO
23-May-25	46.6	4196.0	NO
24-May-25	44.8	1999.0	NO
25-May-25	0	1309.0	NO
26-May-25	0	1111.0	NO
27-May-25	0	1073.0	NO
28-May-25	0	875.0	NO
29-May-25	0	1110.0	NO
30-May-25	0	1129.0	NO
31-May-25	0	961.0	
Monthly Total	113.2	31516.0	
Monthly Minimum	0	565	
Monthly Mean	3.65	1016.65	
Monthly Maximum	46.6	4196	
Year to Date Total	167.0	60235.0	
Year to Date Minimum	0.0	127.0	
Year to Date Mean	2.74	987.46	
Year to Date Maximum	46.6	4196.0	

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Licence Point 7 (MO807) - Ambient Water Monitoring (Monthly Result)				
Frequency Sampling Method	Monthly Grab Sample	Monthly Grab Sample	Monthly Grab Sample	
Sampled Date	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Faecal Coliforms (CFU/100mL)	Obtained Date
13-May-25	5.57	0.048	850	24-May-25

Licence Point 7 - Ambient Water Monitoring (Year to Date Results)			
Year to Date	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Faecal Coliforms (CFU/100mL)
Samples	2	2	2
Min	1.82	0.048	560
Mean	3.70	0.059	705
Median (50th %ile)	3.70	0.059	705
90th %ile	5.20	0.067	821
Max (100th %ile)	5.57	0.069	850

Licence Point 9 (MO809) - Ambient Water Monitoring (Monthly Result)				
Frequency Sampling Method	Monthly Grab Sample	Monthly Grab Sample	Monthly Grab Sample	
Sampled Date	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Faecal Coliforms (CFU/100mL)	Obtained Date
13-May-25	0.2	0.006	120	24-May-25

Licence Point 9 - Ambient Water Monitoring (Year To Date Results)			
Year to Date	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Faecal Coliforms (CFU/100mL)
Samples	2	2	2
Min	0.20	0.006	99
Mean	0.21	0.009	110
Median (50th %ile)	0.21	0.009	110
90th %ile	0.21	0.011	118
Max (100th %ile)	0.21	0.012	120

Licence Point 8 (MO808) - Ambient Water Monitoring (Monthly Result)				
Frequency Sampling Method	Monthly Grab Sample	Monthly Grab Sample	Monthly Grab Sample	
Sampled Date	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Faecal Coliforms (CFU/100mL)	Obtained Date
13-May-25	5.52	0.045	890	24-May-25

Licence Point 8 - Ambient Water Monitoring (Year to Date Results)			
Year to Date	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Faecal Coliforms (CFU/100mL)
Samples	2	2	2
Min	1.96	0.045	630
Mean	3.74	0.052	760
Median (50th %ile)	3.74	0.052	760
90th %ile	5.16	0.057	864
Max (100th %ile)	5.52	0.058	890

Licence Point 10 (MO810)- Ambient Water Monitoring (Monthly Result)				
Frequency Sampling Method	Monthly Grab Sample	Monthly Grab Sample	Monthly Grab Sample	
Sampled Date	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Faecal Coliforms (CFU/100mL)	Obtained Date
13-May-25	0.25	0.011	30	24-May-25

Licence Point 10 - Ambient Water Monitoring (Year To Date Results)			
Year to Date	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Faecal Coliforms (CFU/100mL)
Samples	2	2	2
Min	0.19	0.011	30
Mean	0.22	0.013	36
Median (50th %ile)	0.22	0.013	36
90th %ile	0.24	0.014	40
Max (100th %ile)	0.25	0.014	41

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Monthly Exceedance Report			
Date	Exceedance Type	Parameter	Description / Action
13-May-25	Concentration Limit	Faecal Coliforms	Faecal Coliform result (9200 CFU/100mL) exceeded 100 percentile concentration limit (600 CFU/100mL) at monitoring point 3 (Prior to finishing pond) Post finishing pond actual discharge results to Ryan's Creek (MO818) = <1 CFU/100mL.

EPA Licence Point Map

