

Moruya Sewage Treatment Plant - Monthly Result Summary - August 2025



Anniversary Date: 1-Apr-25
Published Date: 4-Sep-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: Aug-25

Licence Point 6 (Discharge to Utilisation Area) & 11 (Discharge to Waters) - Concentration Limits			
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

See Note 1

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
5-Aug-25	3.00	7.00	7.30	6.00	0.59	20000	9.14	0.04	0.03	15-Aug-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	5	5	5	5	5	5	5	5	5
Min	<2	<5	7.00	2.00	0.59	6100	5.95	0.043	0.005
Mean	2.20	3.40	7.14	4.80	3.53	24260	11.46	0.200	0.03
Median (50th %ile)	2.00	2.50	7.20	5.00	4.21	20000	11.90	0.224	0.03
90th %ile	3.00	5.20	7.26	6.60	5.96	46200	15.62	0.280	0.05
Max (100th %ile)	3.00	7.00	7.30	7.00	6.52	59000	17.50	0.287	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-Aug-25	13	692.0	NO
2-Aug-25	13.6	1016.0	NO
3-Aug-25	10.2	1278.0	NO
4-Aug-25	2.2	1168.0	NO
5-Aug-25	0	991.0	NO
6-Aug-25	0	850.0	NO
7-Aug-25	0	811.0	NO
8-Aug-25	0	742.0	NO
9-Aug-25	0	827.0	NO
10-Aug-25	12	1003.0	NO
11-Aug-25	4.6	974.0	NO
12-Aug-25	4.6	920.0	NO
13-Aug-25	0.6	865.0	NO
14-Aug-25	0	840.0	NO
15-Aug-25	0	793.0	NO
16-Aug-25	0	706.0	NO
17-Aug-25	0	682.0	NO
18-Aug-25	0	740.0	NO
19-Aug-25	0.2	733.0	NO
20-Aug-25	12.6	866.0	NO
21-Aug-25	6.6	1356.0	NO
22-Aug-25	14.8	1319.0	NO
23-Aug-25	1.8	1027.0	NO
24-Aug-25	0	896.0	NO
25-Aug-25	0	1244.0	NO
26-Aug-25	0	1121.0	NO
27-Aug-25	0	805.0	NO
28-Aug-25	0	1196.0	NO
29-Aug-25	0	1310.0	NO
30-Aug-25	0	739.0	NO
31-Aug-25	0	674.0	NO
Monthly Total	96.8	29184.0	
Monthly Minimum	0	674	
Monthly Mean	3.12	941.42	
Monthly Maximum	14.8	1356	
Year to Date Total	473.6	152195.0	
Year to Date Minimum	0.0	127.0	
Year to Date Mean	3.10	994.74	
Year to Date Maximum	89.2	5787.0	

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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
5-Aug-25	9.14	0.071	400	15-Aug-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	5	5	5
Min	0.95	0.048	360
Mean	2.16	0.065	582
Median (50th %ile)	1.35	0.069	560
90th %ile	4.07	0.078	806
Max (100th %ile)	5.57	0.083	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
5-Aug-25	0.47	0.022	360	15-Aug-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	5	5	5
Min	0.20	0.005	65
Mean	0.33	0.013	195
Median (50th %ile)	0.22	0.012	120
90th %ile	0.51	0.022	348
Max (100th %ile)	0.54	0.022	360

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
5-Aug-25	2.18	0.083	290	15-Aug-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	5	5	5
Min	1.79	0.044	290
Mean	2.98	0.063	576
Median (50th %ile)	2.18	0.058	630
90th %ile	4.70	0.085	786
Max (100th %ile)	5.52	0.086	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
5-Aug-25	0.46	0.021	280	15-Aug-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	5	5	5
Min	0.19	0.011	30
Mean	0.35	0.016	142
Median (50th %ile)	0.31	0.014	41
90th %ile	0.52	0.022	304
Max (100th %ile)	0.56	0.022	320

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Monthly Exceedance Report			
Date	Exceedance Type	Parameter	Description / Action
5-Aug-25	Concentration Limit	Faecal Coliforms	Faecal Coliform result (20'000 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) = 3 CFU/100mL.

EPA Licence Point Map



