

Moruya Sewage Treatment Plant - Monthly Result Summary - June 2025



Anniversary Date: 1-Apr-25
Published Date: 3-Jul-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: Jun-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
10-Jun-25	2.00	<5	7.00	7.00	6.52	27000	17.50	0.22	0.01	21-Jun-25
100 Percentile Exceedance?	NO	NO	NO	NO	NO	YES	YES	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	3	3	3	3	3	3	3	3	3
Min	<2	<5	7.00	2.00	4.21	9200	5.95	0.178	0.005
Mean	1.67	2.50	7.07	4.33	5.29	31733	12.08	0.224	0.03
Median (50th %ile)	2.00	2.50	7.00	4.00	5.13	27000	12.80	0.224	0.02
90th %ile	2.00	2.50	7.16	6.40	6.24	52600	16.56	0.260	0.05
Max (100th %ile)	2.00	<5	7.20	7.00	6.52	59000	17.50	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-Jun-25	0	929.0	NO
2-Jun-25	0	1033.0	NO
3-Jun-25	0.2	1063.0	NO
4-Jun-25	0	948.0	NO
5-Jun-25	0	830.0	NO
6-Jun-25	0	669.0	NO
7-Jun-25	0	648.0	NO
8-Jun-25	0	616.0	NO
9-Jun-25	0	619.0	NO
10-Jun-25	5.2	817.0	NO
11-Jun-25	0	852.0	NO
12-Jun-25	0	772.0	NO
13-Jun-25	0	718.0	NO
14-Jun-25	0	718.0	NO
15-Jun-25	0	679.0	NO
16-Jun-25	0	735.0	NO
17-Jun-25	0	690.0	NO
18-Jun-25	0	631.0	NO
19-Jun-25	0	618.0	NO
20-Jun-25	0	614.0	NO
21-Jun-25	0	557.0	NO
22-Jun-25	0	557.0	NO
23-Jun-25	0	606.0	NO
24-Jun-25	0	626.0	NO
25-Jun-25	0	679.0	NO
26-Jun-25	0	691.0	NO
27-Jun-25	0	579.0	NO
28-Jun-25	0	553.0	NO
29-Jun-25	0	556.0	NO
30-Jun-25	0	619.0	NO
Monthly Total	5.4	21222.0	
Monthly Minimum	0	553	
Monthly Mean	0.18	707.40	
Monthly Maximum	5.2	1063	
Year to Date Total	172.4	81457.0	
Year to Date Minimum	0.0	127.0	
Year to Date Mean	1.89	895.13	
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
10-Jun-25	1.35	0.053	740	21-Jun-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	3	3	3
Min	1.35	0.048	560
Mean	2.91	0.057	717
Median (50th %ile)	1.82	0.053	740
90th %ile	4.82	0.066	828
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
10-Jun-25	0.22	0.005	65	21-Jun-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	3	3	3
Min	0.20	0.005	65
Mean	0.21	0.008	95
Median (50th %ile)	0.21	0.006	99
90th %ile	0.22	0.011	116
Max (100th %ile)	0.22	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
10-Jun-25	3.46	0.044	630	21-Jun-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	3	3	3
Min	1.96	0.044	630
Mean	3.65	0.049	717
Median (50th %ile)	3.46	0.045	630
90th %ile	5.11	0.055	838
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
11-Jun-25	0.31	0.012	37	18-Jun-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	3	3	3
Min	0.19	0.011	30
Mean	0.25	0.012	36
Median (50th %ile)	0.25	0.012	37
90th %ile	0.30	0.014	40
Max (100th %ile)	0.31	0.014	41

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Monthly Exceedance Report			
Date	Exceedance Type	Parameter	Description / Action
10/06/2025	Concentration Limit	Total Nitrogen	Total Nitrogen result (17.5mg/L) exceeded 100 percentile concentration limit (15mg/L) at monitoring point 3 (Prior to finishing pond).
10-Jun-25	Concentration Limit	Faecal Coliforms	Faecal Coliform result (27000 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



