

Moruya Sewage Treatment Plant - Monthly Result Summary - September 2025



Anniversary Date: 1-Apr-25
Published Date: 27-Oct-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: Sep-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
2-Sep-25	3.00	<5	7.10	<2	21.90	34000	6.40	0.28	0.07	11-Sep-25
30-Sep-25	2.00	<5	7.20	3.00	2.84	5600	5.57	0.13	0.01	13-Oct-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	7	7	7	7	7	7	7	7	7
Min	<2	<5	7.00	<2	0.59	5600	5.57	0.043	0.005
Mean	2.29	3.14	7.14	4.00	6.05	22986	9.89	0.201	0.03
Median (50th %ile)	2.00	2.50	7.20	4.00	4.21	20000	9.14	0.224	0.03
90th %ile	3.00	4.30	7.24	6.40	12.67	44000	14.68	0.285	0.06
Max (100th %ile)	3.00	7.00	7.30	7.00	21.90	59000	17.50	0.287	0.07

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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-Sep-25	0	732.0	NO
2-Sep-25	0	699.0	NO
3-Sep-25	0	684.0	NO
4-Sep-25	0	684.0	NO
5-Sep-25	0	653.0	NO
6-Sep-25	0	595.0	NO
7-Sep-25	0	607.0	NO
8-Sep-25	0	658.0	NO
9-Sep-25	0	640.0	NO
10-Sep-25	0	745.0	NO
11-Sep-25	18.8	914.0	NO
12-Sep-25	5.2	744.0	NO
13-Sep-25	0.2	686.0	NO
14-Sep-25	0	664.0	NO
15-Sep-25	0	709.0	NO
16-Sep-25	0	631.0	NO
17-Sep-25	0	644.0	NO
18-Sep-25	0	614.0	NO
19-Sep-25	0	635.0	NO
20-Sep-25	0	580.0	NO
21-Sep-25	0	563.0	NO
22-Sep-25	0	650.0	NO
23-Sep-25	3.4	702.0	NO
24-Sep-25	0.2	644.0	NO
25-Sep-25	1.8	639.0	NO
26-Sep-25	0	731.0	NO
27-Sep-25	0	659.0	NO
28-Sep-25	0	584.0	NO
29-Sep-25	0	629.0	NO
30-Sep-25	0	651.0	NO
Monthly Total	29.6	19970.0	
Monthly Minimum	0	563	
Monthly Mean	0.99	665.67	
Monthly Maximum	18.8	914	
Year to Date Total	503.2	172165.0	
Year to Date Minimum	0.0	127.0	
Year to Date Mean	2.75	940.79	
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
2-Sep-25	0.93	0.055	720	11-Sep-25
30-Sep-25	1.17	0.054	150	13-Sep-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	7	7	7
Min	0.93	0.048	150
Mean	1.84	0.062	540
Median (50th %ile)	1.17	0.055	560
90th %ile	3.32	0.076	784
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
2-Sep-25	0.17	0.004	42	11-Sep-25
30-Sep-25	0.14	0.005	27	13-Sep-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	7	7	7
Min	0.14	0.004	27
Mean	0.28	0.011	149
Median (50th %ile)	0.21	0.006	99
90th %ile	0.50	0.021	342
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
2-Sep-25	2.89	0.101	450	11-Sep-25
30-Sep-25	1.16	0.054	140	13-Sep-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	7	7	7
Min	1.16	0.044	140
Mean	2.71	0.067	496
Median (50th %ile)	2.18	0.058	450
90th %ile	4.28	0.092	734
Max (100th %ile)	5.52	0.101	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
2-Sep-25	1.09	0.035	60	11-Sep-25
30-Sep-25	0.18	0.007	23	13-Oct-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	7	7	7
Min	0.18	0.007	23
Mean	0.43	0.017	113
Median (50th %ile)	0.31	0.014	41
90th %ile	0.77	0.027	296
Max (100th %ile)	1.09	0.035	320

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Monthly Exceedance Report			
Date	Exceedance Type	Parameter	Description / Action
2/09/2025	Concentration Limit	Faecal Coliforms	Faecal Coliform result (34'000CFU/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.
30-Sep-25	Concentration Limit	Faecal Coliforms	Faecal Coliform result (5'600 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



