

Moruya Sewage Treatment Plant - Monthly Result Summary - April 2025



Anniversary Date: 1-Apr-24
Published Date: 6-May-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: Apr-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
15-Apr-25	<2	<5	7.20	2.00	5.13	59000	5.96	0.18	0.06	30-Apr-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	1	1	1	1	1	1	1	1	1
Min	<2	<5	7.20	2.00	5.13	59000	5.95	0.178	0.06
Mean	1.00	2.50	7.20	2.00	5.13	59000	5.95	0.178	0.06
Median (50th %ile)	1.00	2.50	7.20	2.00	5.13	59000	5.95	0.178	0.06
90th %ile	1.00	2.50	7.20	2.00	5.13	59000	5.95	0.178	0.06
Max (100th %ile)	<2	<5	7.20	2.00	5.13	59000	5.95	0.178	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-Apr-25	0	2250.0	NO
2-Apr-25	0	2289.0	NO
3-Apr-25	0	1577.0	NO
4-Apr-25	0	1018.0	NO
5-Apr-25	0	795.0	NO
6-Apr-25	0	713.0	NO
7-Apr-25	0	756.0	NO
8-Apr-25	0	729.0	NO
9-Apr-25	0	696.0	NO
10-Apr-25	0	695.0	NO
11-Apr-25	0	658.0	NO
12-Apr-25	0	616.0	NO
13-Apr-25	0	625.0	NO
14-Apr-25	0	684.0	NO
15-Apr-25	1	678.0	NO
16-Apr-25	1.6	665.0	NO
17-Apr-25	0	659.0	NO
18-Apr-25	0	639.0	NO
19-Apr-25	0	651.0	NO
20-Apr-25	0	650.0	NO
21-Apr-25	0	659.0	NO
22-Apr-25	4.2	127.0	NO
23-Apr-25	44.4	1876.0	NO
24-Apr-25	0	1142.0	NO
25-Apr-25	0	892.0	NO
26-Apr-25	0	1937.0	NO
27-Apr-25	0	1645.0	NO
28-Apr-25	2.6	808.0	NO
29-Apr-25	0	868.0	NO
30-Apr-25	0	722.0	NO
Monthly Total	53.8	28719.0	
Monthly Minimum	0	127	
Monthly Mean	1.79	957.30	
Monthly Maximum	44.4	2289	
Year to Date Total	53.8	28719.0	
Year to Date Minimum	0.0	127.0	
Year to Date Mean	1.79	957.30	
Year to Date Maximum	44.4	2289.0	

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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
15-Apr-25	1.82	0.069	560	30-Apr-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	1	1	1
Min	1.82	0.069	560
Mean	1.82	0.069	560
Median (50th %ile)	1.82	0.069	560
90th %ile	1.82	0.069	560
Max (100th %ile)	1.82	0.069	560

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
15-Apr-25	0.21	0.012	99	30-Apr-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	1	1	1
Min	0.21	0.012	99
Mean	0.21	0.012	99
Median (50th %ile)	0.21	0.012	99
90th %ile	0.21	0.012	99
Max (100th %ile)	0.21	0.012	99

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
15-Apr-25	1.96	0.058	630	30-Apr-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	1	1	1
Min	1.96	0.058	630
Mean	1.96	0.058	630
Median (50th %ile)	1.96	0.058	630
90th %ile	1.96	0.058	630
Max (100th %ile)	1.96	0.058	630

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
15-Apr-25	0.19	0.014	41	30-Apr-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	1	1	1
Min	0.19	0.014	41
Mean	0.19	0.014	41
Median (50th %ile)	0.19	0.014	41
90th %ile	0.19	0.014	41
Max (100th %ile)	0.19	0.014	41

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Monthly Exceedance Report			
Date	Exceedance Type	Parameter	Description / Action
15-Apr-25	Concentration Limit	Faecal Coliforms	Faecal Coliform result (59000 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) = 7 CFU/100mL.

EPA Licence Point Map

