

Batemans Bay Sewage Treatment Plant - Monthly Result Summary - January 2025



Anniversary Date: 1-Apr-24
Published Date: 6-Feb-25

Licensee: Eurobodalla Shire Council
 EPL No.: 1397
 Premises: Batemans Bay Sewage Treatment Plant
 Address: George Bass Drive, Batemans Bay, NSW 2536
 Licence Period: 1-Apr-24 to 31-Mar-25
 EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=206046&SYSUID=1&LICID=1397>
 POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>

Required Month: **Jan-25**

Licence Point 1 - Discharge to Waters - Point 1 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
Faecal Coliforms	(CFU/100mL)	200	600
Total Nitrogen	(mg/L)	10	15
Total Phosphorus	(mg/L)	5	8
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 Point 1 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 Composite Sample	Monthly Composite Sample	Monthly Grab Sample		
Sampling Method	Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	pH (pH Units)	Total Suspended Solids (mg/L)	Faecal Coliforms (CFU/100mL)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Ammonia (mg/L)	Obtained Date	
Sampled Date	21-Jan-25	10.00	<5	7.00	11.00	6	2.17	1.84	0.03	31-Jan-25
100 Percentile Exceedance?	NO	NO	NO	NO	NO	NO	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)	Faecal Coliforms (CFU/100mL)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Ammonia (mg/L)
Samples	11	11	11	11	11	11	11	11
Min	<2	<5	7.00	<2	<1	1.14	0.65	0.01
Mean	3.00	2.50	7.13	2.36	2	3.41	3.04	0.02
Median (50th %ile)	1.00	2.50	7.10	1.00	2	2.33	3.26	0.01
90th %ile	10.00	2.50	7.20	3.00	6	6.06	4.74	0.06
Max (100th %ile)	13.00	<5	7.20	11.00	7	9.17	5.38	0.08

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Licence Point 2 - Influent Volume Monitoring			
Sample Frequency	Daily (Continuous)	Maximum Daily flow (kL)	26565
Sampling Method	Ultrasonic Flow Meter		
Sample Date	Rainfall (mm)	Plant Inflow (kL)	Exceedance (YES/NO)
1-Jan-25	2	5982	NO
2-Jan-25	0	6237	NO
3-Jan-25	0	5676	NO
4-Jan-25	0	6009	NO
5-Jan-25	3.5	6535	NO
6-Jan-25	4	5937	NO
7-Jan-25	19.5	5408	NO
8-Jan-25	5	5964	NO
9-Jan-25	1	5723	NO
10-Jan-25	0	5666	NO
11-Jan-25	45.5	8408	NO
12-Jan-25	5.5	10295	NO
13-Jan-25	20	7676	NO
14-Jan-25	1	7329	NO
15-Jan-25	0	6034	NO
16-Jan-25	69.5	7054	NO
17-Jan-25	0	14083	NO
18-Jan-25	4.5	8233	NO
19-Jan-25	35	13095	NO
20-Jan-25	0	11863	NO
21-Jan-25	0	8004	NO
22-Jan-25	0	6538	NO
23-Jan-25	3	6366	NO
24-Jan-25	4.5	6353	NO
25-Jan-25	0	7389	NO
26-Jan-25	0	6614	NO
27-Jan-25	2.5	6212	NO
28-Jan-25	0	6364	NO
29-Jan-25	0	5759	NO
30-Jan-25	0	5416	NO
31-Jan-25	0	5252	NO
Monthly Total	226	223474	
Monthly Minimum	0	5252	
Monthly Mean	7.29	7208.84	
Monthly Maximum	69.5	14083	
Year to Date Total	1047.5	1414644	
Year to Date Minimum	0	2518	
Year to Date Mean	3.42	4623.02	
Year to Date Maximum	116	20177	

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Licence Point 4 - Ambient Water Monitoring (Monthly Result)

Frequency Sampling Method	Monthly Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date
21-Jan-25	1	31-Jan-25

Licence Point 4 - Ambient Water Monitoring (Year to Date Results)

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	11
Min	<1
Mean	3.73
Median (50th %ile)	0.00
90th %ile	9.00
Max (100th %ile)	28

Licence Point 5 - Ambient Water Monitoring (Monthly Result)

Frequency Sampling Method	Monthly Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date
21-Jan-25	<1	31-Jan-25

Licence Point 5 - Ambient Water Monitoring (Year To Date Results)

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	11
Min	<1
Mean	2.00
Median (50th %ile)	0.00
90th %ile	2.00
Max (100th %ile)	18

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

Batemans Bay STP EPA Licence Point Map

