

Batemans Bay Sewage Treatment Plant - Monthly Result Summary - November 2024



Anniversary Date: 1-Apr-24
Published Date: 11-Dec-24

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: **Nov-24**

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									
26-Nov-24	<2	<5	7.10	3.00	2	1.68	4.74	0.02	9-Dec-24
100 Percentile Exceedance?	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	9	9	9	9	9	9	9	9
Min	<2	<5	7.00	<2	<1	1.14	0.65	0.01
Mean	2.44	2.50	7.13	1.33	2	3.26	2.91	0.02
Median (50th %ile)	1.00	2.50	7.10	1.00	0	2.33	3.26	0.01
90th %ile	4.20	2.50	7.20	2.20	4	6.68	4.26	0.03
Max (100th %ile)	13.00	<5	7.20	3.00	7	9.17	4.74	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-Nov-24	0.5	3010	NO
2-Nov-24	0	3155	NO
3-Nov-24	0	3247	NO
4-Nov-24	2	3189	NO
5-Nov-24	0	3196	NO
6-Nov-24	0	3052	NO
7-Nov-24	0	3203	NO
8-Nov-24	0	3070	NO
9-Nov-24	0	3217	NO
10-Nov-24	0	3083	NO
11-Nov-24	0	3183	NO
12-Nov-24	0	3114	NO
13-Nov-24	0	3020	NO
14-Nov-24	6.5	3212	NO
15-Nov-24	2	3146	NO
16-Nov-24	3.5	3106	NO
17-Nov-24	0.5	3495	NO
18-Nov-24	11.5	3671	NO
19-Nov-24	2	3334	NO
20-Nov-24	0	3135	NO
21-Nov-24	2.5	3112	NO
22-Nov-24	0	3345	NO
23-Nov-24	0	3182	NO
24-Nov-24	0	3167	NO
25-Nov-24	0	3203	NO
26-Nov-24	0	3111	NO
27-Nov-24	0.5	2849	NO
28-Nov-24	0	3031	NO
29-Nov-24	0.5	3005	NO
30-Nov-24	14	3057	NO
Monthly Total	46	94900	
Monthly Minimum	0	2849	
Monthly Mean	1.53	3163.33	
Monthly Maximum	14	3671	
Year to Date Total	771	1038247	
Year to Date Minimum	0	2518	
Year to Date Mean	3.16	4255.11	
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
26-Nov-24	9	9-Dec-24

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	9
Min	<1
Mean	4.11
Median (50th %ile)	0.00
90th %ile	12.80
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
26-Nov-24	<1	9-Dec-24

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	9
Min	<1
Mean	2.33
Median (50th %ile)	0.00
90th %ile	5.20
Max (100th %ile)	18

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

Batemans Bay STP EPA Licence Point Map

