

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



Anniversary Date: 1-Apr-24
Published Date: 9-Oct-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: Sep-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 Sampling Method	Monthly Composite Sample	Monthly Grab Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Composite Sample	Monthly Grab Sample	Obtained Date
Sampled 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)	
3-Sep-24	<2	<5	7.10	<2	3	3.14	3.68	0.01	13-Sep-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	6	6	6	6	6	6	6	6
Min	<2	<5	7.00	<2	<1	1.14	0.65	0.01
Mean	1.00	2.50	7.12	1.00	1	2.63	2.29	0.01
Median (50th %ile)	1.00	2.50	7.10	1.00	0	1.98	2.38	0.01
90th %ile	1.00	2.50	7.20	1.00	3	4.60	3.47	0.01
Max (100th %ile)	<2	<5	7.20	<2	3	6.06	3.68	0.01

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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-Sep-24	0	3259	NO
2-Sep-24	0	3266	NO
3-Sep-24	0	3281	NO
4-Sep-24	0	3419	NO
5-Sep-24	0	3390	NO
6-Sep-24	0	3359	NO
7-Sep-24	2.5	3315	NO
8-Sep-24	3	3191	NO
9-Sep-24	0	3431	NO
10-Sep-24	0	3418	NO
11-Sep-24	0	3280	NO
12-Sep-24	0	3243	NO
13-Sep-24	2.5	3266	NO
14-Sep-24	0	3376	NO
15-Sep-24	4.5	3308	NO
16-Sep-24	0	3260	NO
17-Sep-24	0	3430	NO
18-Sep-24	0	3325	NO
19-Sep-24	0	3339	NO
20-Sep-24	0	3290	NO
21-Sep-24	0	3370	NO
22-Sep-24	0	3307	NO
23-Sep-24	0	3327	NO
24-Sep-24	0	3439	NO
25-Sep-24	0	3295	NO
26-Sep-24	17.5	3315	NO
27-Sep-24	4	4466	NO
28-Sep-24	0	2617	NO
29-Sep-24	0	2518	NO
30-Sep-24	0	2578	NO
Monthly Total	34	98678	
Monthly Minimum	0	2518	
Monthly Mean	1.13	3289.27	
Monthly Maximum	17.5	4466	
Year to Date Total	711.5	837664	
Year to Date Minimum	0	2518	
Year to Date Mean	3.89	4577.40	
Year to Date Maximum	116	20177	

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Licence Point 4 - Ambient Water Monitoring (Monthly Result)

Frequency	Monthly	
Sampling Method	Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date
3-Sep-24	<1	13-Sep-24

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	6
Min	<1
Mean	4.67
Median (50th %ile)	0.00
90th %ile	14.00
Max (100th %ile)	28

Licence Point 5 - Ambient Water Monitoring (Monthly Result)

Frequency	Monthly	
Sampling Method	Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date
3-Sep-24	<1	13-Sep-24

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	6
Min	<1
Mean	3.50
Median (50th %ile)	0.50
90th %ile	10.00
Max (100th %ile)	18

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

Batemans Bay STP EPA Licence Point Map

