

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



Anniversary Date: 1-Apr-24
Published Date: 13-Aug-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: Jul-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	
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)	Obtained Date
9-Jul-24	<2	<5	7.10	<2	<1	2.33	1.96	0.01	23-Jul-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	4	4	4	4	4	4	4	4
Min	<2	<5	7.00	<2	<1	1.14	0.65	0.01
Mean	1.00	2.50	7.10	1.00	1	2.76	1.70	0.01
Median (50th %ile)	1.00	2.50	7.10	1.00	0	1.91	1.68	0.01
90th %ile	1.00	2.50	7.17	1.00	1	4.94	2.55	0.01
Max (100th %ile)	<2	<5	7.20	<2	2	6.06	2.80	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-Jul-24	0	3901	NO
2-Jul-24	0	4326	NO
3-Jul-24	8.5	4509	NO
4-Jul-24	6.5	4722	NO
5-Jul-24	9.5	6412	NO
6-Jul-24	1	5312	NO
7-Jul-24	0	4514	NO
8-Jul-24	2.5	4151	NO
9-Jul-24	3.5	4688	NO
10-Jul-24	0	4638	NO
11-Jul-24	0	4409	NO
12-Jul-24	0	4596	NO
13-Jul-24	0	4151	NO
14-Jul-24	0	4102	NO
15-Jul-24	0	4011	NO
16-Jul-24	2	3867	NO
17-Jul-24	1	3944	NO
18-Jul-24	0	3837	NO
19-Jul-24	0	3978	NO
20-Jul-24	0	3669	NO
21-Jul-24	0	3496	NO
22-Jul-24	0	3503	NO
23-Jul-24	0	3538	NO
24-Jul-24	0	3469	NO
25-Jul-24	0	3402	NO
26-Jul-24	0	3369	NO
27-Jul-24	0	3380	NO
28-Jul-24	0	3423	NO
29-Jul-24	0	3361	NO
30-Jul-24	0	3419	NO
31-Jul-24	0	3359	NO
Monthly Total	34.5	125456	
Monthly Minimum	0	3359	
Monthly Mean	1.11	4046.97	
Monthly Maximum	9.5	6412	
Year to Date Total	655	633037	
Year to Date Minimum	0	3063	
Year to Date Mean	5.37	5188.83	
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
9-Jul-24	<1	23-Jul-24

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	4
Min	<1
Mean	7.00
Median (50th %ile)	0.00
90th %ile	19.60
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
9-Jul-24	<1	23-Jul-24

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	4
Min	<1
Mean	5.25
Median (50th %ile)	1.50
90th %ile	13.20
Max (100th %ile)	18

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

Batemans Bay STP EPA Licence Point Map

