

## Batemans Bay Sewage Treatment Plant - Monthly Result Summary - August 2024



Anniversary Date: 1-Apr-24  
Published Date: 10-Sep-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: Aug-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)	
6-Aug-24	<2	<5	7.20	<2	<1	1.62	3.26	0.01	15-Aug-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	5	5	5	5	5	5	5	5
Min	<2	<5	7.00	<2	<1	1.14	0.65	0.01
Mean	1.00	2.50	7.12	1.00	0	2.53	2.01	0.01
Median (50th %ile)	1.00	2.50	7.10	1.00	0	1.62	1.96	0.01
90th %ile	1.00	2.50	7.20	1.00	1	4.57	3.08	0.01
Max (100th %ile)	<2	<5	7.20	<2	2	6.06	3.26	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-Aug-24	0	3352	NO
2-Aug-24	0	3268	NO
3-Aug-24	0	3431	NO
4-Aug-24	0	3361	NO
5-Aug-24	0	3426	NO
6-Aug-24	0	3334	NO
7-Aug-24	0	3431	NO
8-Aug-24	0	3387	NO
9-Aug-24	0	3307	NO
10-Aug-24	0	3325	NO
11-Aug-24	0	3345	NO
12-Aug-24	0	3369	NO
13-Aug-24	7	3468	NO
14-Aug-24	3.5	3556	NO
15-Aug-24	8	4121	NO
16-Aug-24	0	3667	NO
17-Aug-24	0	3670	NO
18-Aug-24	3	3507	NO
19-Aug-24	0.5	3527	NO
20-Aug-24	0	3559	NO
21-Aug-24	0	3341	NO
22-Aug-24	0	3375	NO
23-Aug-24	0	3348	NO
24-Aug-24	0	3219	NO
25-Aug-24	0	3307	NO
26-Aug-24	0.5	3252	NO
27-Aug-24	0	3303	NO
28-Aug-24	0	3280	NO
29-Aug-24	0	3467	NO
30-Aug-24	0	3320	NO
31-Aug-24	0	3326	NO
Monthly Total	22.5	105949	
Monthly Minimum	0	3219	
Monthly Mean	0.73	3417.71	
Monthly Maximum	8	4121	
Year to Date Total	677.5	738986	
Year to Date Minimum	0	3063	
Year to Date Mean	4.43	4829.97	
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
6-Aug-24	<1	15-Aug-24

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	5
Min	<1
Mean	5.60
Median (50th %ile)	0.00
90th %ile	16.80
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
6-Aug-24	<1	15-Aug-24

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	5
Min	<1
Mean	4.20
Median (50th %ile)	1.00
90th %ile	11.60
Max (100th %ile)	18

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

### Batemans Bay STP EPA Licence Point Map

