

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



Anniversary Date: 1-Apr-24  
Published Date: 8-Nov-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: Oct-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	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	
Sampling Method	Composite Sample	Grab Sample	Grab Sample	Composite Sample	Grab Sample	Composite Sample	Composite Sample	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
1-Oct-24	2.00	<5	7.20	<2	7	9.17	3.56	0.08	11-Oct-24
29-Oct-24	13.00	<5	7.20	2.00	<1	2.71	4.14	0.01	7-Nov-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	8	8	8	8	8	8	8	8
Min	<2	<5	7.00	<2	<1	1.14	0.65	0.01
Mean	2.63	2.50	7.14	1.13	2	3.46	2.68	0.02
Median (50th %ile)	1.00	2.50	7.15	1.00	0	2.52	3.03	0.01
90th %ile	5.30	2.50	7.20	1.30	4	6.99	3.82	0.03
Max (100th %ile)	13.00	<5	7.20	2.00	7	9.17	4.14	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-Oct-24	0	3572	NO
2-Oct-24	0	3570	NO
3-Oct-24	0	3910	NO
4-Oct-24	0	3711	NO
5-Oct-24	0	3719	NO
6-Oct-24	0	3966	NO
7-Oct-24	0	4027	NO
8-Oct-24	1.5	3305	NO
9-Oct-24	0	3537	NO
10-Oct-24	0	3687	NO
11-Oct-24	0	3570	NO
12-Oct-24	1	3504	NO
13-Oct-24	0	3299	NO
14-Oct-24	0	3298	NO
15-Oct-24	0.5	3150	NO
16-Oct-24	0	3371	NO
17-Oct-24	0	3230	NO
18-Oct-24	0	3237	NO
19-Oct-24	1	3045	NO
20-Oct-24	0	3182	NO
21-Oct-24	0	3292	NO
22-Oct-24	0	3191	NO
23-Oct-24	0	3170	NO
24-Oct-24	0.5	3072	NO
25-Oct-24	9	3511	NO
26-Oct-24	0	3432	NO
27-Oct-24	0	3299	NO
28-Oct-24	0	3246	NO
29-Oct-24	0	3120	NO
30-Oct-24	0	3313	NO
31-Oct-24	0	3147	NO
Monthly Total	13.5	105683	
Monthly Minimum	0	3045	
Monthly Mean	0.44	3409.13	
Monthly Maximum	9	4027	
Year to Date Total	725	943347	
Year to Date Minimum	0	2518	
Year to Date Mean	3.39	4408.16	
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
1-Oct-24	<1	11-Oct-24
29-Oct-24	<1	7-Nov-24

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	8
Min	<1
Mean	3.50
Median (50th %ile)	0.00
90th %ile	8.40
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
1-Oct-24	<1	11-Oct-24
29-Oct-24	<1	7-Nov-24

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	8
Min	<1
Mean	2.63
Median (50th %ile)	0.00
90th %ile	6.80
Max (100th %ile)	18

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action
29-Oct-24	L3.1 Concentration Limits	BOD5	BOD5 result (13mg/L) exceeded 90 percentile limit (10 mg/L) at monitoring point 3.

### Batemans Bay STP EPA Licence Point Map

