

## Batemans Bay Sewage Treatment Plant - Monthly Result Summary - November 2023



Anniversary Date: 1-Apr-23  
Published Date: 18-Dec-23

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-23 to 31-Mar-24  
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-23

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
28-Nov-23	<2	<5	7.10	2.00	5500	7.62	2.44	0.17	12-Dec-23
100 Percentile Exceedance?	NO	NO	NO	NO	YES	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	7.10	<2	110	1.53	0.38	0.11
Mean	3.11	2.50	7.43	4.67	17369	9.38	2.19	2.44
Median (50th %ile)	2.00	2.50	7.50	5.00	10000	7.62	2.42	0.66
90th %ile	5.00	2.50	7.62	7.00	37200	21.30	3.18	6.07
Max (100th %ile)	9.00	<5	7.70	11.00	78000	24.10	3.48	6.33

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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-23	0	5587.3	NO
2-Nov-23	0	3425.8	NO
3-Nov-23	0	2725.3	NO
4-Nov-23	0	3635.6	NO
5-Nov-23	23	4029.5	NO
6-Nov-23	6	5099.5	NO
7-Nov-23	0	4027.9	NO
8-Nov-23	2.5	3591.6	NO
9-Nov-23	4	3851.0	NO
10-Nov-23	1.5	3881.5	NO
11-Nov-23	0	3905.5	NO
12-Nov-23	0	4209.3	NO
13-Nov-23	0	3930.9	NO
14-Nov-23	0	3930.9	NO
15-Nov-23	6	3930.9	NO
16-Nov-23	1	3930.9	NO
17-Nov-23	9.5	3930.9	NO
18-Nov-23	1	3930.9	NO
19-Nov-23	0	3930.9	NO
20-Nov-23	0	3930.9	NO
21-Nov-23	0	3930.9	NO
22-Nov-23	1.5	3930.9	NO
23-Nov-23	1.5	3930.9	NO
24-Nov-23	6.5	3930.9	NO
25-Nov-23	2	3930.9	NO
26-Nov-23	5	3930.9	NO
27-Nov-23	0	3930.9	NO
28-Nov-23	29	3930.9	NO
29-Nov-23	67	3930.9	NO
30-Nov-23	37	4390.0	NO
Monthly Total	204	119185.1	
Monthly Minimum	0	2725.3	
Monthly Mean	6.80	3972.84	
Monthly Maximum	67	5587.3	
Year to Date Total	403.5	1040243.6	
Year to Date Minimum	0	1743.6	
Year to Date Mean	1.65	4263.29	
Year to Date Maximum	67	8397.8	

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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
28-Nov-23	70	12-Dec-23

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	9
Min	<1
Mean	8.11
Median (50th %ile)	0.00
90th %ile	14.80
Max (100th %ile)	70.00

### Licence Point 5 - Ambient Water Monitoring (Monthly Result)

Frequency	Monthly	
Sampling Method	Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date
28-Nov-23	5300	12-Dec-23

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	9
Min	<1
Mean	591.00
Median (50th %ile)	0.00
90th %ile	1074.40
Max (100th %ile)	5300.00

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action
28-Nov-23	Concentration Limit	Faecal Coliforms	Faecal Coliform result (5'500 CFU/100mL) exceeded 100 percentile concentration limit (600 CFU/100mL) at monitoring point 3

### Batemans Bay STP EPA Licence Point Map

