

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



Anniversary Date: 1-Apr-23  
Published Date: 12-Jun-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: May-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	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
16-May-23	<2	<5	7.70	2.00	990	8.74	1.55	3.80	24-May-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	2	2	2	2	2	2	2	2
Min	<2	<5	7.60	2.00	720	3.66	1.55	0.11
Mean	1.00	2.50	7.65	3.50	855	6.20	2.07	1.96
Median (50th %ile)	1.00	2.50	7.65	3.50	855	6.20	2.07	1.96
90th %ile	1.00	2.50	7.69	4.70	963	8.23	2.48	3.43
Max (100th %ile)	<2	<5	7.70	5.00	990	8.74	2.58	3.80

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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-May-22	6	6289.7	NO
2-May-22	0	5324.8	NO
3-May-22	0	4750.2	NO
4-May-22	0	3940.5	NO
5-May-22	0	3808.5	NO
6-May-22	0	3881.6	NO
7-May-22	2	3747.2	NO
8-May-22	14	4376.2	NO
9-May-22	0	4155.0	NO
10-May-22	0	4138.6	NO
11-May-22	0	3928.7	NO
12-May-22	0	3801.8	NO
13-May-22	0	3727.0	NO
14-May-22	0.5	3827.7	NO
15-May-22	0	3738.2	NO
16-May-22	0	3763.0	NO
17-May-22	1.5	3556.1	NO
18-May-22	0	1905.9	NO
19-May-22	0	3519.7	NO
20-May-22	0	3529.5	NO
21-May-22	0	3550.8	NO
22-May-22	0	3433.1	NO
23-May-22	0	3216.5	NO
24-May-22	0	3373.0	NO
25-May-22	0	2783.8	NO
26-May-22	0	3914.0	NO
27-May-22	0.5	4764.9	NO
28-May-22	0	5472.6	NO
29-May-22	0	3366.3	NO
30-May-22	0	3093.1	NO
31-May-22	0	3682.0	NO
Monthly Total	24.5	120360.0	
Monthly Minimum	0	1905.9	
Monthly Mean	0.79	3882.58	
Monthly Maximum	14	6289.7	
Year to Date Total	120.5	259977.9	
Year to Date Minimum	0	1905.9	
Year to Date Mean	1.98	4261.93	
Year to Date Maximum	25	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
16-May-23	1	24-May-23

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	2
Min	1.00
Mean	1.00
Median (50th %ile)	1.00
90th %ile	1.00
Max (100th %ile)	1.00

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

Frequency	Monthly	
Sampling Method	Grab Sample	
Sampled Date	Faecal Coliforms (CFU/100mL)	Obtained Date
16-May-23	<1	24-May-23

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

Year to Date	Faecal Coliforms (CFU/100mL)
Samples	2
Min	<1
Mean	0.50
Median (50th %ile)	0.50
90th %ile	0.50
Max (100th %ile)	1.00

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### Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action
16-May-23	Concentration Limit	Faecal Coliforms	Faecal Coliform result (990 CFU/100mL) exceeded 100 percentile concentration limit (600 CFU/100mL) at monitoring point 3.
16-May-23	Concentration Limit	Ammonia	Ammonia result (3.8 mg/L) exceeded 90 percentile concentration limit (5.0 mg/L) at monitoring point 3.

### Batemans Bay STP EPA Licence Point Map

