

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



Anniversary Date: 1-Apr-24
Published Date: 8-Jan-25

Licensee: Eurobodalla Shire Council
EPL No.: 1397
Premises: Batemans Bay Sewage Treatment Plant
Address: George Bass Drive, Batemans Bay, NSW 2536

License 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: Dec-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 Composite Sample	Monthly Grab Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Composite Sample	Monthly Grab Sample	
Sampling Method	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
Sampled Date									
26-Nov-24	<2	<5	7.20	3.00	2	6.03	5.38	0.06	28-Dec-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	10	10	10	10	10	10	10	10
Min	<2	<5	7.00	<2	<1	1.14	0.65	0.01
Mean	2.30	2.50	7.14	1.50	2	3.54	3.16	0.02
Median (50th %ile)	1.00	2.50	7.15	1.00	1	2.52	3.41	0.01
90th %ile	3.10	2.50	7.20	3.00	3	6.37	4.80	0.06
Max (100th %ile)	13.00	<5	7.20	3.00	7	9.17	5.38	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-Dec-24	31.5	7067	NO
2-Dec-24	0	4312	NO
3-Dec-24	0	3644	NO
4-Dec-24	0	4155	NO
5-Dec-24	0	4638	NO
6-Dec-24	0	4544	NO
7-Dec-24	7.5	4715	NO
8-Dec-24	0	5168	NO
9-Dec-24	1	4480	NO
10-Dec-24	0	4675	NO
11-Dec-24	0	4659	NO
12-Dec-24	0	4653	NO
13-Dec-24	0	4495	NO
14-Dec-24	0	4570	NO
15-Dec-24	0	4487	NO
16-Dec-24	0	4733	NO
17-Dec-24	0	4592	NO
18-Dec-24	0.5	4194	NO
19-Dec-24	0	4301	NO
20-Dec-24	0	4678	NO
21-Dec-24	0	4790	NO
22-Dec-24	0	4936	NO
23-Dec-24	0	4841	NO
24-Dec-24	7.5	5252	NO
25-Dec-24	0	5302	NO
26-Dec-24	0	4914	NO
27-Dec-24	0.5	5606	NO
28-Dec-24	1	5877	NO
29-Dec-24	0	6085	NO
30-Dec-24	0	6304	NO
31-Dec-24	1	6256	NO
Monthly Total	50.5	152923	
Monthly Minimum	0	3644	
Monthly Mean	1.63	4933.00	
Monthly Maximum	31.5	7067	
Year to Date Total	821.5	1191170	
Year to Date Minimum	0	2518	
Year to Date Mean	2.99	4331.53	
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
17-Dec-24	3	28-Dec-24

Licence Point 4 - Ambient Water Monitoring (Year to Date Results)	
Year to Date	Faecal Coliforms (CFU/100mL)
Samples	10
Min	<1
Mean	4.00
Median (50th %ile)	0.00
90th %ile	10.90
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
17-Dec-24	1	28-Dec-24

Licence Point 5 - Ambient Water Monitoring (Year To Date Results)	
Year to Date	Faecal Coliforms (CFU/100mL)
Samples	10
Min	<1
Mean	2.20
Median (50th %ile)	0.00
90th %ile	3.60
Max (100th %ile)	18

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Monthly Exceedance Report			
Date	Exceedance Type	Parameter	Description / Action

Batemans Bay STP EPA Licence Point Map

