

Batemans Bay Sewage Treatment Plant - Monthly Result Summary - January 2021



Anniversary Date: 1-Apr-20
Published Date: 3-Mar-21

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-20 to 31-Mar-21
EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/viewPOEOLicence.aspx?DOCID=33192&SYSUID=1&LICID=1397>
POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>

Required Month: Jan-21

Licence Point / Type of Point: Licence Point 1 - Discharge to Waters - Point 1 Concentration Limits

Parameters	Unit of Measure	50 percentile concentration limit	100 percentile concentration limit
Biological Oxygen Demand	(mg/L)	10	20
Oil and Grease	(mg/L)	-	10
Total Suspended Solids	(mg/L)	15	30

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 / Type of Point: Licence Point 3 - Effluent Quality Monitoring

Sample Frequency	Monthly Composite Sample	Special Frequency 1 Grab Sample	Monthly Composite Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Composite Sample	
Parameters	Biological Oxygen Demand	Chlorophyll a	Total Nitrogen	Oil and Grease	Total Phosphorus	Total Suspended Solids	
Unit of Measure	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
Sampled Date	Biological Oxygen Demand	Chlorophyll a	Total Nitrogen	Oil and Grease	Total Phosphorus	Total Suspended Solids	Obtained Date
5-Jan-21	<2	0.0045	7.32	<5	2.82	<2	14-Jan-21
27-Jan-21	<2	0.0025	2.48	<5	5.48	<2	11-Feb-21
Minimum Value	<2	0.0025	2.48	<5	2.82	<2	
Maximum Value	<2	0.0045	7.32	<5	5.48	<2	

100 Percentile - Licence Condition									
Sample Date	Biological Oxygen Demand			Oil and Grease			Total Suspended Solids		
	Measurement	Actual 100 Percentile to Sample Date	Exceedance	Measurement	Actual 100 Percentile to Sample Date	Exceedance	Measurement	Actual 100 Percentile to Sample Date	Exceedance
5-Jan-21	<2	2.00	NO	<5	5.00	NO	<2	3.00	NO
27-Jan-21	<2	2.00	NO	<5	5.00	NO	<2	3.00	NO

Special Frequency 1: means collect and store sample monthly, at the same time as Biochemical Oxygen Demand or Total Suspended Solids sampling. If the Biochemical Oxygen Demand or Total Suspended Solids 100 percentile concentration limit is exceeded as per condition L3.3, then analyse the stored sample for chlorophyll a and report results to the EPA as soon as the results become available.

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Licence Point / Type of Point:		Licence Point 2 - Influent Volume Monitoring	
Sample Frequency	Daily (Continuous)	Maximum Daily flow (kL)	25000
Sampling Method	Ultrasonic Flow Meter		
Parameter	Rainfall (mm)	Plant Inflow (kL)	Exceedance (YES/NO)
Unit of Measure			
Sample Date			
1-Jan-21	0	6087.5	NO
2-Jan-21	0.5	5990.5	NO
3-Jan-21	25	5875.0	NO
4-Jan-21	7	10608.3	NO
5-Jan-21	11.5	10236.4	NO
6-Jan-21	12.5	8944.6	NO
7-Jan-21	0	7466.4	NO
8-Jan-21	2.5	6324.7	NO
9-Jan-21	0	6005.3	NO
10-Jan-21	0	5773.9	NO
11-Jan-21	0	5565.9	NO
12-Jan-21	0	5378.9	NO
13-Jan-21	1.5	5178.8	NO
14-Jan-21	0.5	5162.2	NO
15-Jan-21	0	5018.9	NO
16-Jan-21	0	5097.4	NO
17-Jan-21	0	5000.9	NO
18-Jan-21	0	4929.4	NO
19-Jan-21	0	4836.6	NO
20-Jan-21	0	4602.3	NO
21-Jan-21	0	4755.9	NO
22-Jan-21	0	4678.0	NO
23-Jan-21	0	4882.4	NO
24-Jan-21	0	5063.0	NO
25-Jan-21	0	5064.6	NO
26-Jan-21	0	5215.2	NO
27-Jan-21	14	5030.8	NO
28-Jan-21	7	4866.6	NO
29-Jan-21	11	5329.0	NO
30-Jan-21	25	7867.2	NO
31-Jan-21	16	8713.3	NO
Monthly Total	134	185549.9	
Monthly Minimum	0	4602.3	
Monthly Maximum	25	10608.3	

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Licence Point / Type of Point:		Licence Point 4 - Ambient Water Monitoring	
Frequency	Monthly		
Sampling Method	Grab Sample		
Parameters	Faecal Coliforms		
Unit of Measure	cfu/100 mL		
Sampled Date			Obtained Date
5-Jan-21	<1		14-Jan-21
27-Jan-21	11		11-Feb-21
Minimum Value	<1		
Maximum Value	11		

Licence Point / Type of Point:		Licence Point 5 - Ambient Water Monitoring	
Sample Frequency	Monthly		
Sampling Method	Grab Sample		
Parameters	Faecal Coliforms		
Unit of Measure	cfu/100 mL		
Sampled Date			Obtained Date
5-Jan-21	65		14-Jan-21
27-Jan-21	3		11-Feb-21
Minimum Value	3		
Maximum Value	65		

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Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

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