



Environmental Monitoring Report V2

Broadwater Power Plant 117 Pacific Highway Broadwater NSW

Licencee Cape Byron Management Pty Ltd
Address 117 Pacific Highway Broadwater NSW
EPL No 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>

This data is published as required under section 66(6) of the *Protection of the Environment Operations Act 1997*

Sampling Point:

Licencee

Location

EPL No

Parameters Monitored

Frequency & Method

Limits

Monitoring Point 1 - No 12 Boiler Stack Emissions

Cape Byron Management Pty Ltd

Broadwater Cogeneration Power Plant

20425

<http://www.epa.nsw.gov.au/prpoeoapp/>

see individual parameters in table

Annually in accordance with EPA protocols

see individual parameters in table



			RESULTS TABLE		
			AE 13192	AE 13741	AE 14703
			16-Jul-20	15-Jul-21	15-Dec-22
			25-Aug-20	02-Aug-21	11-Jan-23
			27-Aug-20	13-Aug-21	25-Jan-23
Measured Parameters dry @ STP and corrected to 7% O ₂	Units	Concentration Limit			
Average stack gas temperature	°C	Not Applicable	108.0	88.0	98.0
Average velocity at sampling plane	m/s	Not Applicable	8.1	9.7	6.6
Gas Volumetric Flowrate	m ³ /sec	Not Applicable	20.9	47.8	20.5
Dry Gas Density	kg/m ³	Not Applicable	1.3	1.3	1.2
Molecular Weight of Stack Gases	g/g mole	Not Applicable	30.1	30.1	29.9
Moisture content	%	Not Applicable	26.7	20.1	13.1
Concentration of carbon dioxide	%	Not Applicable	10.6	11.0	9.3
Total Solid Particles	mg/m ³	100	70.7	42.7	61.0
Sulphuric Acid Mist & Sulphur Trioxide as SO ₃	mg/m ³	12	5.6	11.3	10.9
Nitrogen Oxides (NOx)	mg/m ³	500	368.0	270.0	266.0

Sampling Point:

Licencee
 Location
 EPL No
 Parameter/s Monitored
 Frequency & Method
 Limits

Monitoring Point 2 - No 1 Cogeneration Boiler Stack Emissions

Cape Byron Management Pty Ltd
 Broadwater Cogeneration Power Plant
 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>
 see individual parameters in table
 Quarterly in accordance with EPA protocols
 see individual parameters in table



			RESULTS TABLE							
			AE 13401	AE 13475	AE 13616	AE 13741	AE 13901	AE 14555	AE 14703	AE 14762
Report Number			10-Nov-20	09-Feb-21	07-Apr-21	15-Jul-21	25-Oct-21	16-Sep-22	15-Dec-22	09-Feb-23
Sampling Date			23-Nov-20	02-Mar-21	26-May-21	02-Aug-21	09-Nov-21	03-Nov-22	11-Jan-23	20-Mar-23
Date Received			03-Dec-20	12-Mar-21	02-Jun-21	13-Aug-21	23-Nov-21	25-Jan-23	25-Jan-23	22-Mar-23
Date Published										
Measured Parameters dry @ STP and corrected to 7% O ₂	Units	Concentration Limit								
Average stack gas temperature	°C	Not Applicable	68.0	61.0	63.0	66.0	63.0	73.3	64.0	64.0
Average velocity at sampling plane	m/s	Not Applicable	15.7	13.4	17.9	19.7	17.1	16.7	15.1	23.9
Dry Gas Volumetric Flowrate	m ³ /sec	Not Applicable	65.2	57.5	77.8	124.8	72.5	67.0	61.7	103.6
Dry Gas Density	kg/m ³	Not Applicable	1.4	1.3	1.3	1.4	1.4	1.3	1.3	1.3
Molecular Weight of Stack Gases	g/g mole	Not Applicable	30.2	30.0	29.8	30.2	30.3	28.8	30.1	30.0
Moisture content	%	Not Applicable	18.8	17.7	15.9	20.0	17.7	19.9	19.5	15.2
Concentration of carbon dioxide	%	Not Applicable	11.1	9.7	7.7	11.1	11.7	12.7	10.5	9.7
Total Solid Particles	mg/m ³	100.0	41.1	24.9	48.3	17.0	54.5	21.5	19.2	17.1
Sulphuric Acid Mist & Sulphur Trioxide as SO ₃	mg/m ³	12.0	3.5	1.8	3.5	5.8	0.2	0.9	11.9	12.0
Nitrogen Oxides (NO _x)	mg/m ³	500.0	300.0	146.0	93.6	228.0	141.0	247.0	279.0	136.0

Sampling Point: **Monitoring Point 3 - Ambient Air Monitoring**
 Licence Cape Byron Management Pty Ltd
 Location Broadwater Cogeneration Power Plant
 EPL No 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>
 Parameters Monitored PM10
 Monitoring Frequency Sampling for 24 hours every 6 Days when site is operating
 Limits Not Applicable
 Comments Laboratory Analysis



Date Sample Collected	Date Received	Date Published	Results (ug/m ³)	Notes
1-Jun-21	5-Jul-21	30-Jul-21	7.1	
7-Jun-21	5-Jul-21	30-Jul-21	11.4	
13-Jun-21	5-Jul-21	30-Jul-21	11.8	
19-Jun-21	9-Aug-21	31-Jul-21	4.8	
25-Jun-21	9-Aug-21	13-Aug-21	5	Sample paper went two cycles
1-Jul-21	9-Aug-21	13-Aug-21	5	
7-Jul-21	9-Aug-21	13-Aug-21	16	
13-Jul-21	9-Aug-21	13-Aug-21	8	
19-Jul-21	9-Aug-21	13-Aug-21	10	
25-Jul-21	9-Aug-21	13-Aug-21	6	
31-Jul-21	9-Aug-21	13-Aug-21	12	
6-Aug-21	15-Sep-21	23-Sep-21	13	
12-Aug-21	15-Sep-21	23-Sep-21	15	
18-Aug-21	15-Sep-21	23-Sep-21	8	
24-Aug-21	15-Sep-21	23-Sep-21	9	
30-Aug-21	15-Sep-21	23-Sep-21	12	
5-Sep-21	20-Oct-21	22-Oct-21	7.4	
11-Sep-21	20-Oct-21	22-Oct-21	13.6	
17-Sep-21	20-Oct-21	22-Oct-21	13.6	Sample paper went two cycles
23-Sep-21	20-Oct-21	22-Oct-21	9.8	
29-Sep-21	20-Oct-21	22-Oct-21	11.4	
5-Oct-21	20-Oct-21	22-Oct-21	14.8	
11-Oct-21	20-Dec-21	22-Dec-21	13.4	
17-Oct-21	20-Dec-21	22-Dec-21	20.3	
23-Oct-21	20-Dec-21	22-Dec-21	10.6	
29-Oct-21	20-Dec-21	22-Dec-21	21.1	
4-Nov-21	20-Dec-21	22-Dec-21	10.6	
10-Nov-21	20-Dec-21	22-Dec-21	12.7	
16-Nov-21	20-Dec-21	22-Dec-21	10.2	
22-Nov-21	20-Dec-21	22-Dec-21	8.3	
28-Nov-21	20-Dec-21	22-Dec-21	7.0	
4-Dec-21	20-Dec-21	22-Dec-21	6.3	
10-Dec-21	18-Jan-22	28-Jan-22	8.5	
16-Dec-21	18-Jan-22	28-Jan-22	11.8	
22-Dec-21	18-Jan-22	28-Jan-22	9.7	
28-Dec-21	18-Jan-22	28-Jan-22	11.0	
3-Jan-22	18-Jan-22	28-Jan-22	10.8	
9-Jan-22	18-Jan-22	28-Jan-22	8.9	
15-Jan-22	NR	28-Feb-22	N/A	28 Feb - Sampler flood effected
21-Jan-22	NR	28-Feb-22	N/A	Sampler flood effected new unit on order
27-Jan-22	NR	28-Feb-22	N/A	Sampler flood effected new unit on order
2-Feb-22	NR	28-Feb-22	N/A	Sampler flood effected new unit on order
8-Feb-22	NR	28-Feb-22	N/A	Sampler flood effected new unit on order
14-Feb-22	NR	28-Feb-22	N/A	Sampler flood effected new unit on order
20-Feb-22	NR	28-Feb-22	N/A	Sampler flood effected new unit on order
26-Feb-22	NR	28-Feb-22	N/A	Sampler flood effected new unit on order
4-Mar-22	NR	31-Mar-22	N/A	Sampler flood effected new unit on order
10-Mar-22	NR	31-Mar-22	N/A	Sampler flood effected new unit on order
16-Mar-22	NR	31-Mar-22	N/A	Sampler flood effected new unit on order
22-Mar-22	NR	31-Mar-22	N/A	Sampler flood effected new unit on order
28-Mar-22	NR	31-Mar-22	N/A	Sampler flood effected new unit on order
3-Apr-22	NR	30-Apr-22	N/A	Sampler flood effected new unit on order
9-Apr-22	NR	30-Apr-22	N/A	Sampler flood effected new unit on order
15-Apr-22	NR	30-Apr-22	N/A	Sampler flood effected new unit on order
21-Apr-22	NR	30-Apr-22	N/A	Sampler flood effected new unit on order
27-Apr-22	NR	30-Apr-22	N/A	Sampler flood effected new unit on order
3-May-22	NR	18-May-22	N/A	Sampler flood effected new unit on order
9-May-22	NR	18-May-22	N/A	Sampler flood effected new unit on order
15-May-22	NR	1-Jun-22	N/A	Sampler flood effected new unit on order
21-May-22	NR	15-Jun-22	N/A	Sampler flood effected new unit on order
27-May-22	NR	15-Jun-22	N/A	Sampler flood effected new unit on order
2-Jun-22	NR	15-Jun-22	N/A	Sampler flood effected new unit on order
8-Jun-22	NR	15-Jun-22	N/A	Sampler flood effected new unit on order
14-Jun-22	NR	15-Jun-22	N/A	Sampler flood effected new unit on order
20-Jun-22	NR	29-Jun-22	N/A	Sampler flood effected new unit on order
26-Jun-22	NR	13-Jul-22	N/A	New sampler installed on 6/7, no power available
2-Jul-22	NR	27-Jul-22	N/A	New sampler installed on 6/7, no power available
10-Aug-22	NR	10-Aug-22	N/A	Power to unit initiated on 11/8
13-Aug-22	6-Sep-22	24-Aug-22	5.6	
19-Aug-22	6-Sep-22	24-Aug-22	16.3	
25-Aug-22	6-Sep-22	24-Aug-22	12.8	
31-Aug-22	6-Sep-22	24-Aug-22	14.6	
6-Sep-22	18-Oct-22	19-Oct-22	11.1	
12-Sep-22	18-Oct-22	19-Oct-22	14.8	
18-Sep-22	18-Oct-22	19-Oct-22	10.7	
24-Sep-22	18-Oct-22	19-Oct-22	10.8	
30-Sep-22	18-Oct-22	19-Oct-22	11.8	
6-Oct-22	14-Nov-22	16-Nov-22	7.1	
12-Oct-22	14-Nov-22	16-Nov-22	12.6	
18-Oct-22	14-Nov-22	16-Nov-22	9.4	
24-Oct-22	14-Nov-22	16-Nov-22	13.7	
30-Oct-22	14-Nov-22	16-Nov-22	14.8	
5-Nov-22	16-Dec-22	28-Dec-22	4.0	
11-Nov-22	16-Dec-22	28-Dec-22	10.7	
17-Nov-22	16-Dec-22	28-Dec-22	N/A	See below
23-Nov-22	16-Dec-22	28-Dec-22	22.6	Note cycle ran twice (12 days in total)
29-Nov-22	16-Dec-22	28-Dec-22	18.4	
5-Dec-22	25-Jan-23	8-Feb-23	19.2	
11-Dec-22	25-Jan-23	8-Feb-23	24.2	
17-Dec-22	25-Jan-23	8-Feb-23	13.9	
23-Dec-22	25-Jan-23	8-Feb-23	16.6	
29-Dec-22	25-Jan-23	8-Feb-23	16.3	
4-Jan-23	25-Jan-23	22-Feb-23	18.3	
10-Jan-23	10-Feb-23	22-Feb-23	18.0	
16-Jan-23	10-Feb-23	22-Feb-23	18.4	
22-Jan-23	10-Feb-23	22-Feb-23	14.0	
28-Jan-23	10-Feb-23	22-Feb-23	12.3	
3-Feb-23	9-Mar-23	22-Mar-23	16.6	
9-Feb-23	9-Mar-23	22-Mar-23	14.8	
15-Feb-23	9-Mar-23	22-Mar-23	17.1	
21-Feb-23	9-Mar-23	22-Mar-23	15.5	
27-Feb-23	9-Mar-23	22-Mar-23	29.0	

Sampling Point: Monitoring Point 3 - Ambient Air Monitoring
 Licencee Cape Byron Management Pty Ltd
 Location Broadwater Cogeneration Power Plant
 EPL No 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>
 Parameters Monitored Particulates - Deposited Matter
 Monitoring Frequency Continuous with sample results extrapolated from sample period of 30 ± 2 days
 Limits Not Applicable
 Comments Laboratory Analysis



Date Sample Collected	Date Received	Date Published	Results (g/m ² /month)	Notes
5-Jan-21	29-Jan-21	25-Jan-21	1.64	
4-Feb-21	12-Feb-21	26-Feb-21	0.41	
5-Mar-21	12-Mar-21	8-Apr-21	0.73	
7-Apr-21	16-Apr-21	22-Apr-21	0.84	
5-May-21	18-May-21	20-May-21	0.00	
2-Jun-21	4-Jun-21	17-Jun-21	0.06	
2-Jul-21	9-Jul-21	16-Jul-21	0.59	Fine org. matter
5-Aug-21	11-Aug-21	13-Aug-21	0.77	
7-Sep-21	10-Sep-21	23-Sep-21	1.64	Large org. matter
7-Oct-21	19-Oct-21	22-Oct-21	0.80	Fine org. matter
7-Dec-21	15-Dec-21	15-Dec-21	2.20	Bug, large org. matter
1-Jan-22	21-Jan-22	28-Jan-22	1.54	Fine org. matter
1-Feb-22	NR	28-Feb-22	N/A	Bottles flooded
1-Mar-22	NR	31-Mar-22	N/A	Bottles flood damaged and not serviceable, new bottles set 20/04/2022
1-Apr-22	NR	30-Apr-22	N/A	New bottles placed on 20/4/22
5-May-22	11-May-22	1-Jun-22	0.13	
6-Jun-22	20-Jun-22	29-Jun-22	4.30	
5-Jul-22	8-Jul-22	27-Jul-22	0.19	
4-Aug-22	9-Aug-22	24-Aug-22	0.16	
5-Sep-22	12-Sep-22	21-Sep-22	0.41	
5-Oct-22	6-Oct-22	2-Nov-22	0.32	
7-Nov-22	11-Nov-22	30-Nov-22	0.20	
5-Dec-22	20-Dec-22	28-Dec-22	0.73	
9-Jan-23	12-Jan-23	11-Jan-23	0.63	
6-Feb-23	10-Feb-23	22-Feb-23	0.32	
6-Mar-23	9-Feb-23	22-Mar-23	0.73	

Sampling Point: Monitoring Point 4 - Ambient Air Monitoring

Licencee Cape Byron Management Pty Ltd
 Location Broadwater Cogeneration Power Plant
 EPL No 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>
 Parameter Particulates - Deposited Matter
 Frequency Continuous with sample results extrapolated
 from sample period of 30 ± 2 days
 Limits Not Applicable
 Comments Laboratory Analysis



Date Sample Collected	Date Received	Date Published	Results (g/m ² /month)	Notes
5-Jan-21	29-Jan-21	25-Jan-21	1.28	
4-Feb-21	12-Feb-21	26-Feb-21	0.18	Spider
5-Mar-21	12-Mar-21	8-Apr-21	0.90	
7-Apr-21	16-Apr-21	22-Apr-21	0.79	
5-May-21	18-May-21	20-May-21	0.56	
2-Jun-21	4-Jun-21	17-Jun-21	0.17	
2-Jul-21	9-Jul-21	16-Jul-21	0.97	Fine org. matter
5-Aug-21	11-Aug-21	13-Aug-21	1.02	
7-Sep-21	10-Sep-21	23-Sep-21	1.49	Large org. matter
7-Oct-21	19-Oct-21	22-Oct-21	1.01	Fine org. matter
7-Dec-21	15-Dec-21	15-Dec-21	0.59	Dirt, large org. matter
1-Jan-22	21-Jan-22	28-Jan-22	1.11	
01-Feb-22	NR	NR	N/A	Bottles flooded
				Bottles flood damaged and not serviceable, new bottles set 20/04/2022
01-Mar-22	NR	NR	N/A	
1-Apr-22	NR	30-Apr-22	N/A	New bottles placed on 20/4/22
5-May-22	11-May-22	1-Jun-22	0.23	
6-Jun-22	20-Jun-22	29-Jun-22	4.80	
5-Jul-22	8-Jul-22	27-Jul-22	0.33	
4-Aug-22	9-Aug-22	24-Aug-22	0.25	
5-Sep-22	12-Sep-22	21-Sep-22	0.41	
5-Oct-22	6-Oct-22	2-Nov-22	0.86	
7-Nov-22	11-Nov-22	30-Nov-22	0.11	
5-Dec-22	20-Dec-22	28-Dec-22	0.61	
9-Jan-23	12-Jan-23	11-Jan-23	0.51	
6-Feb-23	10-Feb-23	22-Feb-23	0.71	
6-Mar-23	9-Mar-23	22-Mar-23	1.49	

Sampling Point: Monitoring Point 5 - Ambient Air Monitoring
 Licence Cape Byron Management Pty Ltd
 Location Broadwater Power Plant Fuel Stockpile
 EPL No 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>
 Parameters Monitored Particulates - Deposited Matter
 Monitoring Frequency Continuous with sample results extrapolated from sample period of 30 ± 2 days
 Limits Not Applicable
 Comments Laboratory Analysis



Date Sample Collected	Date Received	Date Published	Results (g/m ² /month)	Notes
5-Jan-21	29-Jan-21	25-Jan-21	1.15	
4-Feb-21	12-Feb-21	26-Feb-21	1.61	
5-Mar-21	12-Mar-21	8-Apr-21	1.85	
7-Apr-21	16-Apr-21	22-Apr-21	1.15	
5-May-21	18-May-21	20-May-21	0.71	
2-Jun-21	4-Jun-21	17-Jun-21	0.52	Spiders
2-Jul-21	9-Jul-21	16-Jul-21	1.90	Fine org. matter
5-Aug-21	11-Aug-21	13-Aug-21	1.06	
7-Sep-21	10-Sep-21	23-Sep-21	2.39	Fine org. matter
7-Oct-21	19-Oct-21	22-Oct-21	1.87	Fine org. matter
7-Dec-21	15-Dec-21	15-Dec-21	3.66	Fine org. matter
1-Jan-22	21-Jan-22	28-Jan-22	10.20	cloudy, fine org. matter
01-Feb-22	NR	NR	N/A	Bottles flooded
				Bottles flood damaged and not serviceable, new bottles set 20/04/2022
01-Mar-22	NR	NR	N/A	
1-Apr-22	NR	30-Apr-22	N/A	New bottles placed on 20/4/22
5-May-22	11-May-22	1-Jun-22	0.17	
6-Jun-22	20-Jun-22	29-Jun-22	5.00	
5-Jul-22	8-Jul-22	27-Jul-22	0.65	
4-Aug-22	9-Aug-22	24-Aug-22	0.08	
5-Sep-22	12-Sep-22	21-Sep-22	0.56	
5-Oct-22	6-Oct-22	2-Nov-22	1.33	
7-Nov-22	11-Nov-22	30-Nov-22	1.14	
5-Dec-22	20-Dec-22	28-Dec-22	1.50	
9-Jan-23	12-Jan-23	11-Jan-23	4.02	
6-Feb-23	10-Feb-23	22-Feb-23	1.62	
6-Mar-23	9-Feb-23	22-Mar-23	5.21	

Sampling Point: Monitoring Point 7 - O₂ Monitoring No 12 Boiler
Licencee: Cape Byron Management Pty Ltd
Location: Broadwater Cogeneration Power Plant
EPL No: 20425 <http://www.environment.nsw.gov.au/>
Parameters Monitored: Oxygen
Monitoring Frequency: Continuous Online Sampling
Limit: No Limits Prescribed



The results in the table provide a fortnightly summary of the minimum, maximum and mean daily values for the period indicated

Comments

MONITORING PERIOD			Oxygen (%)			Notes
Date Start	Date Finish	Date Published	Minimum Value	Maximum Value	Mean Value	
						Boiler Not Operating
10-Jan-22	23-Jan-22	24-Jan-22	No Data	No Data	No Data	Boiler Not Operating
24-Jan-22	6-Feb-22	7-Feb-22	No Data	No Data	No Data	Boiler Not Operating
7-Feb-22	20-Feb-22	21-Feb-22	No Data	No Data	No Data	Boiler Not Operating
21-Feb-22	6-Mar-22	25-Feb-22	No Data	No Data	No Data	Boiler damaged during flood event
7-Mar-22	20-Mar-22	31-Mar-22	No Data	No Data	No Data	Boiler damaged during flood event
21-Mar-22	3-Apr-22	31-Mar-22	No Data	No Data	No Data	Boiler damaged during flood event
4-Apr-22	17-Apr-22	30-Apr-22	No Data	No Data	No Data	Boiler damaged during flood event
18-Apr-22	1-May-22	30-Apr-22	No Data	No Data	No Data	Boiler damaged during flood event
2-May-22	15-May-22	18-May-22	No Data	No Data	No Data	Boiler damaged during flood event
16-May-22	29-May-22	1-Jun-22	No Data	No Data	No Data	Boiler damaged during flood event
30-May-22	12-Jun-22	15-Jun-22	No Data	No Data	No Data	Boiler damaged during flood event
13-Jun-22	26-Jun-22	29-Jun-22	No Data	No Data	No Data	Boiler damaged during flood event
27-Jun-22	10-Jul-22	13-Jul-22	No Data	No Data	No Data	Boiler damaged during flood event
11-Jul-22	24-Jul-22	27-Jul-22	No Data	No Data	No Data	Boiler damaged during flood event
25-Jul-22	7-Aug-22	10-Aug-22	No Data	No Data	No Data	Boiler damaged during flood event
8-Aug-22	21-Aug-22	24-Aug-22	No Data	No Data	No Data	Boiler damaged during flood event
22-Aug-22	4-Sep-22	7-Sep-22	No Data	No Data	No Data	Boiler damaged during flood event
5-Sep-22	18-Sep-22	21-Sep-22	No Data	No Data	No Data	Boiler damaged during flood event
19-Sep-22	2-Oct-22	5-Oct-22	No Data	No Data	No Data	Boiler damaged during flood event
3-Oct-22	16-Oct-22	19-Oct-22	No Data	No Data	No Data	Boiler damaged during flood event
17-Oct-22	30-Oct-22	2-Nov-22	No Data	No Data	No Data	Boiler damaged during flood event
31-Oct-22	13-Nov-22	16-Nov-22	No Data	No Data	No Data	Boiler damaged during flood event
14-Nov-22	27-Nov-22	17-Nov-22	No Data	No Data	No Data	Boiler damaged during flood event
28-Nov-22	11-Dec-22	23-Jan-23	0.21	21.00	14.40	
12-Dec-22	25-Dec-22	23-Jan-23	5.29	21.00	14.24	
26-Dec-22	8-Jan-23	23-Jan-23	4.98	21.00	18.59	
9-Jan-23	22-Jan-23	23-Jan-23	0.89	21.00	8.70	
23-Jan-23	5-Feb-23	8-Feb-23	1.86	20.62	19.59	

Sampling Point: Monitoring Point 6 - O₂ Monitoring No 1 Cogeneration Boiler

Licencee Cape Byron Management Pty Ltd
 Location Broadwater Cogeneration Power Plant
 EPL No 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>
 Parameters Monitored Oxygen
 Monitoring Frequency Continuous Online Sampling
 Limit No Limits Prescribed



The results in the table provide a fortnightly summary of the minimum, maximum and mean daily values for the period indicated

Comments

MONITORING PERIOD			Oxygen (%)			Notes
Date Start	Date Finish	Date Published	Minimum Value	Mean Value	Maximum Value	
28-Dec-20	10-Jan-21	20-Jan-21	2.10	14.10	21.60	Boiler Online 5/01/21
11-Jan-21	24-Jan-21	29-Jan-21	2.90	7.26	21.10	
25-Jan-21	7-Feb-21	10-Feb-21	1.80	6.43	15.20	
8-Feb-21	21-Feb-21	26-Feb-21	1.40	6.94	21.20	
22-Feb-21	7-Mar-21	12-Mar-21	0.00	5.71	21.00	
8-Mar-21	21-Mar-21	8-Apr-21	1.80	8.01	21.40	
22-Mar-21	4-Apr-21	8-Apr-21	2.30	8.07	21.20	
5-Apr-21	18-Apr-21	22-Apr-21	3.20	7.34	21.30	
19-Apr-21	2-May-21	6-May-21	2.30	9.05	21.30	Boiler Offline 01/05/21
3-May-21	16-May-21	20-May-21	No Data	No Data	No Data	Boiler Not Operating
17-May-21	30-May-21	2-Jun-21	0.00	7.01	21.40	Boiler Offline 17/05/21 to 24/05/21
31-May-21	13-Jun-21	17-Jun-21	0.40	5.40	21.10	
14-Jun-21	27-Jun-21	2-Jul-21	0.20	3.99	14.10	
28-Jun-21	11-Jul-21	16-Jul-21	0.00	7.10	21.30	
12-Jul-21	25-Jul-21	30-Jul-21	0.50	4.04	9.80	
26-Jul-21	8-Aug-21	13-Aug-21	0.90	6.68	21.40	
9-Aug-21	22-Aug-21	27-Aug-21	0.00	4.58	21.20	
23-Aug-21	5-Sep-21	9-Sep-21	0.60	4.75	21.30	
6-Sep-21	19-Sep-21	23-Sep-21	0.30	4.71	21.10	
20-Sep-21	3-Oct-21	8-Oct-21	1.20	4.95	12.90	
4-Oct-21	17-Oct-21	22-Oct-21	0.00	5.52	21.50	
18-Oct-21	31-Oct-21	5-Nov-21	0.80	5.38	21.10	
1-Nov-21	14-Nov-21	23-Nov-21	2.81	10.60	21.00	
15-Nov-21	28-Nov-21	9-Dec-21	0.00	14.86	21.40	
29-Nov-21	12-Dec-21	15-Dec-21	-0.90	10.97	21.30	
13-Dec-21	26-Dec-21	14-Jan-22	3.20	8.29	21.20	Boiler Offline 25/12/21 to 26/12/21
27-Dec-21	9-Jan-22	14-Jan-22	3.70	14.80	21.30	Online 5/1/22 to 7/1/22
10-Jan-22	23-Jan-22	28-Jan-22	4.10	12.00	21.20	
24-Jan-22	6-Feb-22	11-Feb-22	-0.90	12.00	21.30	
7-Feb-22	20-Feb-22	28-Feb-22	2.90	10.25	21.20	
21-Feb-22	31-Mar-22	31-Mar-22	NR	NR	NR	Boiler offline due to flood damage from 25/2/22
1-Apr-22	30-Apr-22	30-Apr-22	NR	NR	NR	Boiler offline due to flood damage from 25/2/22
15-Apr-22	14-May-22	18-May-22	NR	NR	NR	Boiler offline due to flood damage from 25/2/22
29-Apr-22	28-May-22	1-Jun-22	NR	NR	NR	Boiler offline due to flood damage from 25/2/22
13-May-22	11-Jun-22	15-Jun-22	NR	NR	NR	Boiler offline due to flood damage from 25/2/22
27-May-22	25-Jun-22	30-Jun-22	NR	NR	NR	Boiler offline due to flood damage from 25/2/22
10-Jun-22	9-Jul-22	13-Jul-22	NR	NR	NR	Boiler offline due to flood damage from 25/2/22
24-Jun-22	23-Jul-22	27-Jul-22	NR	NR	NR	Boiler offline due to flood damage from 25/2/22
8-Jul-22	6-Aug-22	10-Aug-22	NR	NR	NR	Boiler offline due to flood damage from 25/2/22
22-Jul-22	20-Aug-22	24-Aug-22	NR	NR	NR	Boiler offline due to flood damage from 25/2/22
22-Aug-22	4-Sep-22	7-Sep-22	-1.10	13.90	22.40	Plant in commissioning phase
5-Sep-22	18-Sep-22	7-Sep-22	0.00	6.43	21.30	
19-Sep-22	2-Oct-22	5-Oct-22	0.40	4.56	21.00	
3-Oct-22	16-Oct-22	19-Oct-22	0.40	5.05	21.30	Boiler offline 07/10/2022, 14/10/2022
17-Oct-22	30-Oct-22	2-Nov-22	-1.00	6.38	21.30	
31-Oct-22	13-Nov-22	16-Nov-22	0.40	4.08	21.10	Boiler offline 11/11/2022
14-Nov-22	27-Nov-22	14-Dec-22	0.00	3.80	21.00	
28-Nov-22	11-Dec-22	14-Dec-22	0.00	4.44	21.40	
12-Dec-22	25-Dec-22	25-Jan-23	0.10	4.87	13.10	
26-Dec-22	8-Jan-23	25-Jan-23	0.00	5.10	20.20	
9-Jan-23	22-Jan-23	25-Jan-23	1.50	3.97	9.50	
23-Jan-23	5-Feb-23	8-Feb-23	-1.30	8.22	21.30	
6-Feb-23	19-Feb-23	22-Feb-23	2.10	9.08	21.20	Boiler offline 12/02/2023, 13/02/2023, 18/02/2023, 19/02/2023
20-Feb-23	5-Mar-23	22-Mar-23	0.70	8.79	21.20	Boiler offline 20/02/2023, 25/02/2023, 26/02/2023, 05/03/2023
6-Mar-23	19-Mar-23	22-Mar-23	1.10	9.94	21.40	Boiler offline 06/03/2023, 11/03/2023, 12/03/2023, 18/03/2023, 19/03/2023

Sampling Point: Monitoring Point 8 - Cogeneration Cooling Water Discharge
 Licencee Cape Byron Management Pty Ltd
 Location Broadwater Cogeneration Power Plant
 EPL No 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>
 Parameters Monitored Temperature & Volume
 Monitoring Frequency Continuous online
 Limits Set Table
 Comments No result may exceed the maximum limit.



MONITORING PERIOD			Temperature (°C)			Volume (kL/day)			Notes
Date Start	Date Finish	Date Published	Limit/s	Maximum	41	Limit/s	Maximum	15520	
			Min Temp	Mean Temp	Max Temp	Minimum Daily Discharge	Mean Daily Discharge	Maximum Daily Discharge	
10-Jan-22	23-Jan-22	28-Jan-22	22	31	40	68211	122565	137184	
24-Jan-22	6-Feb-22	11-Feb-22	22	30	38	68592	118551	137184	
7-Feb-22	20-Feb-22	25-Feb-22	24	31	37	116225	133477	137184	
21-Feb-22	25-Feb-22	11-Mar-22	20	29	38	50872	126347	137184	Plant shut-in @ 22:30 25/02/22 pre-flood event
26-Feb-22	31-Mar-22	31-Mar-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
1-Apr-22	30-Apr-22	30-Apr-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
15-Apr-22	14-May-22	18-May-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
29-Apr-22	28-May-22	1-Jun-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
13-May-22	11-Jun-22	15-Jun-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
27-May-22	25-Jun-22	28-Jun-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
10-Jun-22	9-Jul-22	13-Jul-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
24-Jun-22	23-Jul-22	27-Jul-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
8-Jul-22	6-Aug-22	10-Aug-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
22-Aug-22	4-Sep-22	7-Sep-22	NR	NR	NR	NR	NR	NR	Plant in commissioning phase
5-Sep-22	18-Sep-22	21-Sep-22	17	23	28	91408	131543	137184	
19-Sep-22	2-Oct-22	5-Oct-22	20	22	23	134517	136962	137184	
3-Oct-22	16-Oct-22	19-Oct-22	21	27	32	137184	137184	137184	
17-Oct-22	30-Oct-22	2-Nov-22	21	31	36	63733	129563	137184	
31-Oct-22	13-Nov-22	16-Nov-22	23	29	36	129277	136525	137184	
14-Nov-22	27-Nov-22	30-Nov-22	25	32	38	135898	136993	137184	
28-Nov-22	11-Dec-22	14-Dec-22	25	34	39	136279	137109	137184	
12-Dec-22	25-Dec-22	25-Jan-23	26	34	38	134278	136942	137184	
26-Dec-22	8-Jan-23	25-Jan-23	28	36	39	137184	137184	137184	
9-Jan-23	22-Jan-23	25-Jan-23	29	36	40	137184	137184	137184	
23-Jan-23	5-Feb-23	8-Feb-23	29	36	40	137184	137184	137184	
6-Feb-23	19-Feb-23	22-Feb-23	27	35	40	103364	133572	137184	
20-Feb-23	5-Mar-23	8-Mar-23	26	34	41	134469	136855	137184	
6-Mar-23	19-Mar-23	22-Mar-23	26	34	41	73022	125117	137184	

Sampling Point: Monitoring Point 9 - Cogeneration Cooling Water Inlet
Licencee: Cape Byron Management Pty Ltd
Location: Broadwater Cogeneration Power Plant
EPL No: 20425 <http://www.epa.nsw.gov.au/prpocapp/>
Parameters Monitored: Temperature
Monitoring Frequency: Continuous online (by calculation)
Limits: Not Applicable - background data only



MONITORING PERIOD			Temperature (°C)			Volume (kL/day)			Notes
Date Start	Date Finish	Date Published	Minimum Background Temperature	Mean Background Temperature	Maximum Background Temperature	Minimum Daily Intake	Mean Daily Intake	Maximum Daily Intake	
24-Jan-22	6-Feb-22	11-Feb-22	23.2	25.2	28.0	68592	118551	137184	
7-Feb-22	20-Feb-22	25-Feb-22	24.0	25.0	26.3	116225	133477	137184	
21-Feb-22	25-Feb-22	11-Mar-22	19.9	26.0	39.8	50872	126347	137184	Plant shut-in @ 22:30 25/02/22 pre-flood event
26-Feb-22	31-Mar-22	31-Mar-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
1-Apr-22	30-Apr-22	30-Apr-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
15-Apr-22	14-May-22	18-May-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
29-Apr-22	28-May-22	1-Jun-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
13-May-22	11-Jun-22	15-Jun-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
27-May-22	25-Jun-22	28-Jun-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
10-Jun-22	9-Jul-22	13-Jul-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
24-Jun-22	23-Jul-22	27-Jul-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
8-Jul-22	6-Aug-22	10-Aug-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
22-Aug-22	4-Sep-22	7-Sep-22	NR	NR	NR	NR	NR	NR	Plant not operating due to flood damage
5-Sep-22	18-Sep-22	7-Sep-22	NR	NR	NR	NR	NR	NR	Plant in commissioning phase
22-Aug-22	4-Sep-22	21-Sep-22	NR	NR	NR	NR	NR	NR	Plant in commissioning phase
5-Sep-22	18-Sep-22	21-Sep-22	18.7	20	23	91408	131543	137184	
19-Sep-22	2-Oct-22	5-Oct-22	20.3	21.8	22.5	134516	136961	137184	
3-Oct-22	16-Oct-22	19-Oct-22	21.3	23.0	25.0	137184	137184	137184	
17-Oct-22	30-Oct-22	2-Nov-22	21.2	24.4	45.2	137184	137184	137184	High inlet temp reading due to sensor being repaired.
31-Oct-22	13-Nov-22	16-Nov-22	24.3	25.2	38.6	129277	136525	137184	Transmitter replacement - flood recovery works
14-Nov-22	27-Nov-22	30-Nov-22	25.7	26.9	28.5	135898	136993	137184	
28-Nov-22	11-Dec-22	14-Dec-22	25.0	24.4	29.0	135898	136993	137184	
12-Dec-22	25-Dec-22	25-Jan-23	25.5	27.2	29.2	134278	136942	137184	
26-Dec-22	8-Jan-23	25-Jan-23	26.6	28.2	29.7	137184	137184	137184	
9-Jan-23	22-Jan-23	25-Jan-23	27.7	29.2	31.2	137184	137184	137184	
23-Jan-23	5-Feb-23	8-Feb-23	24.7	30.7	50.4	24197	1196474	137184	High inlet temp reading due to factory shut down for condenser clean, 02/02/2023-03/02/2023 with water sitting in pipe exposed to the sun
6-Feb-23	19-Feb-23	22-Feb-23	28.7	30.0	31.5	103364	133572	137184	
20-Feb-23	5-Mar-23	8-Mar-23	26.7	28.5	29.9	134469	136855	137184	
6-Mar-23	19-Mar-23	22-Mar-23	27.2	28.6	29.8	73022	125117	137184	

Sampling Point: Monitoring Point 10 - Stockpile Sediment Pond West
 Licencee Cape Byron Management Pty Ltd
 Location Broadwater Power Plant Fuel Stockpile
 EPL No 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>
 Parameter/s Monitored See Table
 Frequency & Method Monthly Grab Sample
 Limit/s None Prescribed



PARAMETERS MEASURED								
Date Sampled	Date Received	Date Published	BOD ₅ (mg/L)	TSS (mg/L)	pH	Nitrogen (mg/L)	Phosphorus (mg/L)	Notes
20-Jan-21	29-Jan-21	10-Feb-21	7.6	10.0	6.4	0.9	1.2	
26-Feb-21	11-Mar-21	12-Mar-21	22.4	154.0	6.2	1.9	0.9	
16-Mar-21	6-Apr-21	8-Apr-21	19.7	150.0	6.2	<0.1	1.4	
13-Apr-21	21-Apr-21	22-Apr-21	13.0	82.0	6.0	1.0	1.1	
18-May-21	24-May-21	2-Jun-21	15.8	55.0	6.3	0.6	1.1	
22-Jun-21	1-Jul-21	2-Jul-21	3.5	5.0	6.8	0.8	0.6	
27-Jul-21	2-Aug-21	13-Aug-21	5.1	72.0	6.5	1.1	1.2	
24-Aug-21	30-Aug-21	9-Sep-21	3.2	28.0	7.6	1.5	0.4	
28-Sep-21	7-Oct-21	8-Oct-21	1.5	11.0	7.0	1.0	0.5	
25-Oct-21	4-Nov-21	5-Nov-21	5.1	32.0	6.6	1.2	1.0	
9-Nov-21	19-Nov-21	23-Nov-21	3.0	15.0	6.8	0.6	0.8	
7-Dec-21	17-Dec-21	22-Dec-21	14.0	117.0	6.1	0.9	1.1	
31-Jan-22	NA	NA	NR	NR	NR	NR	NR	Flood affected operations
25-Feb-22	NA	NA	NR	NR	NR	NR	NR	Pond sample unable to be taken due to flooding in Feb
20-Mar-22	NA	NA	NR	NR	NR	NR	NR	Pond sample unable to be taken due to flooding in Feb
29-Apr-22	29-Apr-22	18-May-22	70.6	127.0	5.0	1.6	1.2	
18-May-22	26-May-22	1-Jun-22	7.7	23.0	6.1	1.3	0.8	
21-Jun-22	30-Jun-22	27-Jul-22	3.7	15.0	6.3	0.9	0.9	
22-Jul-22	2-Aug-22	10-Aug-22	4.2	44.0	6.2	0.9	0.9	
18-Aug-22	26-Aug-22	7-Sep-22	1.9	23.0	6.6	0.7	1.3	
15-Sep-22	26-Sep-22	5-Oct-22	2.2	10.0	5.8	1.4	1.3	
18-Oct-22	27-Oct-22	16-Nov-22	3.6	19.0	6.6	0.6	0.8	
21-Nov-22	1-Dec-22	14-Dec-22	2.3	5.0	7.0	0.8	0.9	
19-Dec-22	3-Jan-23	11-Jan-23	2.9	10.0	7.0	1.1	0.6	
18-Jan-23	27-Jan-23	8-Feb-23	1.8	2.0	6.9	0.6	0.6	
21-Feb-23	3-Mar-23	8-Mar-23	2.7	5.0	6.8	0.7	0.7	
21-Mar-23	NA	22-Mar-23	NR	NR	NR	NR	NR	

Sampling Point: Monitoring Point 12 - Reverse Osmosis Sidestream
 Licencee Cape Byron Management Pty Ltd
 Location Broadwater Cogeneration Power Plant
 EPL No 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>
 Parameters Measured See Table
 Frequency & Method Biannual Grab Sample
 Licence Limits Not Prescribed



Pollutants	Units	Date Sampled	Date Received	Date Published	Results	Notes
Aluminium	mg/l	13-Apr-21	19-Apr-21	22-Apr-21	0.695	
		28-Sep-21	07-Oct-21	08-Oct-21	0.205	
		06-Sep-22	07-Sep-22	05-Oct-22	0.449	
Ammonia	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	0.584	
		13-Apr-21	19-Apr-21	22-Apr-21	0.680	
		28-Sep-21	07-Oct-21	08-Oct-21	0.292	
Arsenic	mg/l	06-Sep-22	07-Sep-22	05-Oct-22	0.998	
		04-Oct-22	26-Oct-22	02-Nov-22	0.116	
		13-Apr-21	19-Apr-21	22-Apr-21	0.003	
Barium	mg/l	28-Sep-21	07-Oct-21	08-Oct-21	0.001	
		06-Sep-22	07-Sep-22	05-Oct-22	0.003	
		04-Oct-22	26-Oct-22	02-Nov-22	0.002	
Bicarbonate	CaCO ₃ /kg	13-Apr-21	19-Apr-21	22-Apr-21	0.118	
		28-Sep-21	07-Oct-21	08-Oct-21	0.078	
		06-Sep-22	07-Sep-22	05-Oct-22	0.070	
Cadmium	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	0.137	
		13-Apr-21	19-Apr-21	22-Apr-21	37	
		28-Sep-21	07-Oct-21	08-Oct-21	120	
Calcium	mg/l	06-Sep-22	07-Sep-22	05-Oct-22	238	
		04-Oct-22	26-Oct-22	02-Nov-22	105	
		13-Apr-21	19-Apr-21	22-Apr-21	<0.001	
Chloride	mg/l	28-Sep-21	07-Oct-21	08-Oct-21	<0.001	
		06-Sep-22	07-Sep-22	05-Oct-22	<0.001	
		04-Oct-22	26-Oct-22	02-Nov-22	<0.001	
Chromium	mg/l	13-Apr-21	19-Apr-21	22-Apr-21	26.286	
		28-Sep-21	07-Oct-21	08-Oct-21	33.689	
		06-Sep-22	07-Sep-22	05-Oct-22	70.400	
Conductivity	dS/m	04-Oct-22	26-Oct-22	02-Nov-22	35.800	
		13-Apr-21	19-Apr-21	22-Apr-21	2.206	
		28-Sep-21	07-Oct-21	08-Oct-21	1.389	
Copper	mg/l	06-Sep-22	07-Sep-22	05-Oct-22	108	
		04-Oct-22	26-Oct-22	02-Nov-22	213	
		13-Apr-21	19-Apr-21	22-Apr-21	0.001	
Hardness (as calcium)	CaCO ₃ /kg	28-Sep-21	07-Oct-21	08-Oct-21	<0.001	
		06-Sep-22	07-Sep-22	05-Oct-22	0.001	
		04-Oct-22	26-Oct-22	02-Nov-22	0.001	
Iron	mg/l	13-Apr-21	19-Apr-21	22-Apr-21	1.170	
		28-Sep-21	07-Oct-21	08-Oct-21	0.825	
		06-Sep-22	07-Sep-22	05-Oct-22	0.917	
Lead	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	1.020	
		13-Apr-21	19-Apr-21	22-Apr-21	<0.001	
		28-Sep-21	07-Oct-21	08-Oct-21	<0.001	
Magnesium	mg/l	06-Sep-22	07-Sep-22	05-Oct-22	0.001	
		04-Oct-22	26-Oct-22	02-Nov-22	<0.001	
		13-Apr-21	19-Apr-21	22-Apr-21	142.124	
Mercury	mg/l	28-Sep-21	07-Oct-21	08-Oct-21	33.7	
		06-Sep-22	07-Sep-22	05-Oct-22	241	
		04-Oct-22	26-Oct-22	02-Nov-22	36	
Nickel	mg/l	13-Apr-21	19-Apr-21	22-Apr-21	7.673	
		28-Sep-21	07-Oct-21	08-Oct-21	1.35	
		06-Sep-22	07-Sep-22	05-Oct-22	6.77	
Nitrate	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	8.06	
		13-Apr-21	19-Apr-21	22-Apr-21	<0.001	
		28-Sep-21	07-Oct-21	08-Oct-21	<0.001	
Zinc	mg/l	06-Sep-22	07-Sep-22	05-Oct-22	<0.001	
		04-Oct-22	26-Oct-22	02-Nov-22	<0.001	
		13-Apr-21	19-Apr-21	22-Apr-21	18.574	
Manganese	mg/l	28-Sep-21	07-Oct-21	08-Oct-21	15.5	
		06-Sep-22	07-Sep-22	05-Oct-22	15.9	
		04-Oct-22	26-Oct-22	02-Nov-22	23.0	
Copper	mg/l	13-Apr-21	19-Apr-21	22-Apr-21	0.154	
		28-Sep-21	07-Oct-21	08-Oct-21	0.046	
		06-Sep-22	07-Sep-22	05-Oct-22	0.078	
Iron	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	0.110	
		13-Apr-21	19-Apr-21	22-Apr-21	<0.0005	
		28-Sep-21	07-Oct-21	08-Oct-21	<0.0005	
Lead	mg/l	06-Sep-22	07-Sep-22	05-Oct-22	<0.0005	
		04-Oct-22	26-Oct-22	02-Nov-22	<0.0005	
		13-Apr-21	19-Apr-21	22-Apr-21	0.002	
Nickel	mg/l	28-Sep-21	07-Oct-21	08-Oct-21	<0.001	
		06-Sep-22	07-Sep-22	05-Oct-22	<0.001	
		04-Oct-22	26-Oct-22	02-Nov-22	<0.01	
Nitrate	mg/l	13-Apr-21	19-Apr-21	22-Apr-21	0.016	
		28-Sep-21	07-Oct-21	08-Oct-21	0.623	
		06-Sep-22	07-Sep-22	05-Oct-22	0.135	

Sampling Point:

Licencee
 Location
 EPL No
 Parameters Measured
 Frequency & Method
 Licence Limits

Monitoring Point 12 - Reverse Osmosis Sidestream

Cape Byron Management Pty Ltd
 Broadwater Cogeneration Power Plant
 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>
 See Table
 Biannual Grab Sample
 Not Prescribed



Pollutants	Units	Date Sampled	Date Received	Date Published	Results	Notes
Nitrite	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	0.034	
		13-Apr-21	19-Apr-21	22-Apr-21	0.248	
		28-Sep-21	07-Oct-21	08-Oct-21	0.100	
		06-Sep-22	07-Sep-22	05-Oct-22	0.020	
Orthophosphate	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	0.010	
		13-Apr-21	19-Apr-21	22-Apr-21	0.027	
		28-Sep-21	07-Oct-21	08-Oct-21	0.007	
		06-Sep-22	07-Sep-22	05-Oct-22	0.016	
Potassium	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	0.012	
		13-Apr-21	19-Apr-21	22-Apr-21	8.177	
		28-Sep-21	07-Oct-21	08-Oct-21	11.0	
		06-Sep-22	07-Sep-22	05-Oct-22	14.7	
Selenium	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	12.6	
		13-Apr-21	19-Apr-21	22-Apr-21	<0.002	
		28-Sep-21	07-Oct-21	08-Oct-21	<0.002	
		06-Sep-22	07-Sep-22	05-Oct-22	<0.002	
Silica (total)	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	<0.002	
		13-Apr-21	19-Apr-21	22-Apr-21	23.467	
		28-Sep-21	07-Oct-21	08-Oct-21	20.4	
		06-Sep-22	07-Sep-22	05-Oct-22	30.1	
Silver	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	29.4	
		13-Apr-21	19-Apr-21	22-Apr-21	<0.001	
		28-Sep-21	07-Oct-21	08-Oct-21	<0.001	
		06-Sep-22	07-Sep-22	05-Oct-22	<0.001	
Sodium	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	<0.001	
		13-Apr-21	19-Apr-21	22-Apr-21	175.331	
		28-Sep-21	07-Oct-21	08-Oct-21	113.000	
		06-Sep-22	07-Sep-22	05-Oct-22	108.000	
Sodium Adsorption Ratio	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	157.000	
		13-Apr-21	19-Apr-21	22-Apr-21	6.394	
		28-Sep-21	07-Oct-21	08-Oct-21	4.0	
		06-Sep-22	07-Sep-22	05-Oct-22	3.0	
Sulfate	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	5.0	
		13-Apr-21	19-Apr-21	22-Apr-21	115.047	
		28-Sep-21	07-Oct-21	08-Oct-21	87	
		06-Sep-22	07-Sep-22	05-Oct-22	67	
Total Dissolved Salts	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	92	
		13-Apr-21	19-Apr-21	22-Apr-21	795.600	
		28-Sep-21	07-Oct-21	08-Oct-21	561	
		06-Sep-22	07-Sep-22	05-Oct-22	624	
Total Organic Carbon	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	692	
		13-Apr-21	19-Apr-21	22-Apr-21	21.5	
		28-Sep-21	07-Oct-21	08-Oct-21	20.4	
		06-Sep-22	07-Sep-22	05-Oct-22	23.5	
Total Suspended Solids	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	24.6	
		13-Apr-21	19-Apr-21	22-Apr-21	<1	
		28-Sep-21	07-Oct-21	08-Oct-21	<1	
		06-Sep-22	07-Sep-22	05-Oct-22	<1	
Zinc	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	<1	
		13-Apr-21	19-Apr-21	22-Apr-21	0.024	
		28-Sep-21	07-Oct-21	08-Oct-21	0.004	
		06-Sep-22	07-Sep-22	05-Oct-22	0.053	
pH		04-Oct-22	26-Oct-22	02-Nov-22	0.052	
		13-Apr-21	19-Apr-21	22-Apr-21	6.78	
		28-Sep-21	07-Oct-21	08-Oct-21	7.60	
		06-Sep-22	07-Sep-22	05-Oct-22	7.84	
		04-Oct-22	26-Oct-22	02-Nov-22	7.35	

Sampling Point: Monitoring Point 11 - Stockpile Sediment Pond East
Licencee: Cape Byron Management Pty Ltd
Location: Broadwater Power Plant Fuel Stockpile
EPL No: 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>
Parameter/s Monitored: See Table
Frequency & Method: Monthly Grab Sample
Limit/s: None Prescribed



PARAMETERS MEASURED								
Date Sampled	Date Received	Date Published	BOD ₅ (mg/L)	TSS (mg/L)	pH	Nitrogen (mg/L)	Phosphorus (mg/L)	Notes
20-Jan-21	29-Jan-21	10-Feb-21	9.9	8.0	7.0	1.6	0.7	
26-Feb-21	11-Mar-21	12-Mar-21	3.2	32.0	6.8	1.5	0.6	
16-Mar-21	6-Apr-21	8-Apr-21	22.9	72.0	6.9	1.3	0.8	
13-Apr-21	21-Apr-21	22-Apr-21	6.0	27.0	6.9	1.2	0.5	
18-May-21	24-May-21	2-Jun-21	9.6	6.0	7.0	1.5	0.4	
22-Jun-21	1-Jul-21	2-Jul-21	3.1	6.0	7.3	1.5	0.4	
27-Jul-21	27-Jul-21	13-Aug-21	1.8	18.0	7.0	1.9	0.4	
24-Aug-21	30-Aug-21	9-Sep-21	3.0	44.0	6.8	1.0	0.8	
28-Sep-21	7-Oct-21	8-Oct-21	13.0	13.0	7.5	1.7	0.4	
25-Oct-21	4-Nov-21	5-Nov-21	1.9	14.0	6.9	1.4	0.3	
9-Nov-21	19-Nov-21	23-Nov-21	3.7	10.0	7.6	1.6	0.4	
7-Dec-21	17-Dec-21	22-Dec-21	6.2	34.0	6.8	2.0	0.4	
31-Jan-22	NA	NA	NR	NR	NR	NR	NR	Flood affected operations
25-Feb-22	NA	NA	NR	NR	NR	NR	NR	Pond sample unable to be taken due to flooding in Feb
20-Mar-22	NA	NA	NR	NR	NR	NR	NR	Pond sample unable to be taken due to flooding in Feb
29-Apr-22	10-May-22	18-May-22	4.2	4.0	7.2	0.9	0.2	
18-May-22	26-May-22	1-Jun-22	5.4	9.0	7.1	1.4	0.4	
21-Jun-22	30-Jun-22	27-Jul-22	3.2	8.0	7.2	1.1	0.3	
22-Jul-22	2-Aug-22	10-Aug-22	2.4	30.0	7.0	1.4	0.3	
18-Aug-22	26-Aug-22	7-Sep-22	5.2	23.0	7.2	1.8	0.6	
15-Sep-22	26-Sep-22	5-Oct-22	3.3	13.0	7.0	1.2	0.4	
18-Oct-22	27-Oct-22	16-Nov-22	4.3	12.0	6.9	1.0	0.4	
21-Nov-22	1-Dec-22	14-Dec-22	12.8	14.0	8.1	4.0	0.9	
19-Dec-22	3-Jan-23	11-Jan-23	11.5	105.0	8.0	4.2	0.9	
18-Jan-23	27-Jan-23	8-Feb-23	16.7	29.0	9.3	3.4	0.8	
21-Feb-23	3-Mar-23	8-Mar-23	5.1	17.0	7.6	2.3	0.6	
21-Mar-23	NA	22-Mar-23	NR	NR	NR	NR	NR	

Sampling Point: Rain gauge
 Licence Cape Byron Management Pty Ltd
 Location Broadwater Cogeneration Power Plant
 EPL No 20425
 Parameter/s Monitored Rainfall
 Frequency & Method Continuous Auto Sampler



TIPPING GAUGE CONTINUOUS RAINFALL MONITORING						
Period From		Period To		Daily Rain		
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)	
Wednesday, 1 December 2021	9:01am	Thursday, 2 December 2021	9:00am	6.8	0.2	
Thursday, 2 December 2021	9:01am	Friday, 3 December 2021	9:00am	1	0.2	
Friday, 3 December 2021	9:01am	Saturday, 4 December 2021	9:00am	0	0	
Saturday, 4 December 2021	9:01am	Sunday, 5 December 2021	9:00am	18.2	1.6	
Sunday, 5 December 2021	9:01am	Monday, 6 December 2021	9:00am	36.6	1	
Monday, 6 December 2021	9:01am	Tuesday, 7 December 2021	9:00am	10	0.6	
Tuesday, 7 December 2021	9:01am	Wednesday, 8 December 2021	9:00am	0.6	0.2	
Wednesday, 8 December 2021	9:01am	Thursday, 9 December 2021	9:00am	8	0.6	
Thursday, 9 December 2021	9:01am	Friday, 10 December 2021	9:00am	24	2.2	
Friday, 10 December 2021	9:01am	Saturday, 11 December 2021	9:00am	0	0	
Saturday, 11 December 2021	9:01am	Sunday, 12 December 2021	9:00am	3.4	0.4	
Sunday, 12 December 2021	9:01am	Monday, 13 December 2021	9:00am	4.2	0.6	
Monday, 13 December 2021	9:01am	Tuesday, 14 December 2021	9:00am	0	0	
Tuesday, 14 December 2021	9:01am	Wednesday, 15 December 2021	9:00am	0	0	
Wednesday, 15 December 2021	9:01am	Thursday, 16 December 2021	9:00am	0	0	
Thursday, 16 December 2021	9:01am	Friday, 17 December 2021	9:00am	1.4	0.2	
Friday, 17 December 2021	9:01am	Saturday, 18 December 2021	9:00am	0.6	0.2	
Saturday, 18 December 2021	9:01am	Sunday, 19 December 2021	9:00am	0	0	
Sunday, 19 December 2021	9:01am	Monday, 20 December 2021	9:00am	0	0	
Monday, 20 December 2021	9:01am	Tuesday, 21 December 2021	9:00am	0	0	
Tuesday, 21 December 2021	9:01am	Wednesday, 22 December 2021	9:00am	0	0	
Wednesday, 22 December 2021	9:01am	Thursday, 23 December 2021	9:00am	0	0	
Thursday, 23 December 2021	9:01am	Friday, 24 December 2021	9:00am	0.4	0.2	
Friday, 24 December 2021	9:01am	Saturday, 25 December 2021	9:00am	0.4	0.2	
Saturday, 25 December 2021	9:01am	Sunday, 26 December 2021	9:00am	0	0	
Sunday, 26 December 2021	9:01am	Monday, 27 December 2021	9:00am	1.8	0.4	
Monday, 27 December 2021	9:01am	Tuesday, 28 December 2021	9:00am	40.6	0.8	
Tuesday, 28 December 2021	9:01am	Wednesday, 29 December 2021	9:00am	3	0.2	
Wednesday, 29 December 2021	9:01am	Thursday, 30 December 2021	9:00am	30.8	1.8	
Thursday, 30 December 2021	9:01am	Friday, 31 December 2021	9:00am	5.2	1.2	
Friday, 31 December 2021	9:01am	Saturday, 1 January 2022	9:00am	2.4	0.4	
Saturday, 1 January 2022	9:01am	Sunday, 2 January 2022	9:00am	6.8	1.2	
Sunday, 2 January 2022	9:01am	Monday, 3 January 2022	9:00am	3.4	0.4	
Monday, 3 January 2022	9:01am	Tuesday, 4 January 2022	9:00am	10	0.2	
Tuesday, 4 January 2022	9:01am	Wednesday, 5 January 2022	9:00am	10.2	0.8	
Wednesday, 5 January 2022	9:01am	Thursday, 6 January 2022	9:00am	11.4	1.2	
Thursday, 6 January 2022	9:01am	Friday, 7 January 2022	9:00am	1.8	0.6	
Friday, 7 January 2022	9:01am	Saturday, 8 January 2022	9:00am	0	0	
Saturday, 8 January 2022	9:01am	Sunday, 9 January 2022	9:00am	0	0	
Sunday, 9 January 2022	9:01am	Monday, 10 January 2022	9:00am	3.2	0.4	
Monday, 10 January 2022	9:01am	Tuesday, 11 January 2022	9:00am	0.2	0.2	
Tuesday, 11 January 2022	9:01am	Wednesday, 12 January 2022	9:00am	0	0	
Wednesday, 12 January 2022	9:01am	Thursday, 13 January 2022	9:00am	0	0	
Thursday, 13 January 2022	9:01am	Friday, 14 January 2022	9:00am	0	0	
Friday, 14 January 2022	9:01am	Saturday, 15 January 2022	9:00am	0	0	
Saturday, 15 January 2022	9:01am	Sunday, 16 January 2022	9:00am	0	0	
Sunday, 16 January 2022	9:01am	Monday, 17 January 2022	9:00am	11.2	0.4	
Monday, 17 January 2022	9:01am	Tuesday, 18 January 2022	9:00am	0	0	
Tuesday, 18 January 2022	9:01am	Wednesday, 19 January 2022	9:00am	0	0	
Wednesday, 19 January 2022	9:01am	Thursday, 20 January 2022	9:00am	0	0	
Thursday, 20 January 2022	9:01am	Friday, 21 January 2022	9:00am	17.8	0.4	
Friday, 21 January 2022	9:01am	Saturday, 22 January 2022	9:00am	24.4	1	
Saturday, 22 January 2022	9:01am	Sunday, 23 January 2022	9:00am	13.4	1	
Sunday, 23 January 2022	9:01am	Monday, 24 January 2022	9:00am	30.8	0.8	
Monday, 24 January 2022	9:01am	Tuesday, 25 January 2022	9:00am	0.8	0.2	
Tuesday, 25 January 2022	9:01am	Wednesday, 26 January 2022	9:00am	0.6	0.2	
Wednesday, 26 January 2022	9:01am	Thursday, 27 January 2022	9:00am	7.6	0.2	
Thursday, 27 January 2022	9:01am	Friday, 28 January 2022	9:00am	0	0	
Friday, 28 January 2022	9:01am	Saturday, 29 January 2022	9:00am	6.6	0.2	
Saturday, 29 January 2022	9:01am	Sunday, 30 January 2022	9:00am	4.6	0.4	
Sunday, 30 January 2022	9:01am	Monday, 31 January 2022	9:00am	0	0	
Monday, 31 January 2022	9:01am	Tuesday, 1 February 2022	9:00am	6.6	1	
Tuesday, 1 February 2022	9:01am	Wednesday, 2 February 2022	9:00am	0	0	
Wednesday, 2 February 2022	9:01am	Thursday, 3 February 2022	9:00am	0	0	
Thursday, 3 February 2022	9:01am	Friday, 4 February 2022	9:00am	54.4	2.8	
Friday, 4 February 2022	9:01am	Saturday, 5 February 2022	9:00am	58	0.6	
Saturday, 5 February 2022	9:01am	Sunday, 6 February 2022	9:00am	10.6	0.6	
Sunday, 6 February 2022	9:01am	Monday, 7 February 2022	9:00am	5	0.8	
Monday, 7 February 2022	9:01am	Tuesday, 8 February 2022	9:00am	3	0.8	
Tuesday, 8 February 2022	9:01am	Wednesday, 9 February 2022	9:00am	5.2	0.4	
Wednesday, 9 February 2022	9:01am	Thursday, 10 February 2022	9:00am	1.4	0.2	
Thursday, 10 February 2022	9:01am	Friday, 11 February 2022	9:00am	0	0	
Friday, 11 February 2022	9:01am	Saturday, 12 February 2022	9:00am	0	0	
Saturday, 12 February 2022	9:01am	Sunday, 13 February 2022	9:00am	6.8	1	
Sunday, 13 February 2022	9:01am	Monday, 14 February 2022	9:00am	4.8	0.4	
Monday, 14 February 2022	9:01am	Tuesday, 15 February 2022	9:00am	0.8	0.2	
Tuesday, 15 February 2022	9:01am	Wednesday, 16 February 2022	9:00am	4	0.4	
Wednesday, 16 February 2022	9:01am	Thursday, 17 February 2022	9:00am	0.4	0.2	
Thursday, 17 February 2022	9:01am	Friday, 18 February 2022	9:00am	0	0	
Friday, 18 February 2022	9:01am	Saturday, 19 February 2022	9:00am	0	0	
Saturday, 19 February 2022	9:01am	Sunday, 20 February 2022	9:00am	1	0.2	
Sunday, 20 February 2022	9:01am	Monday, 21 February 2022	9:00am	4	0.4	
Monday, 21 February 2022	9:01am	Tuesday, 22 February 2022	9:00am	0	0	
Tuesday, 22 February 2022	9:01am	Wednesday, 23 February 2022	9:00am	8.8	1.4	
Wednesday, 23 February 2022	9:01am	Thursday, 24 February 2022	9:00am	0	0	
Thursday, 24 February 2022	9:01am	Friday, 25 February 2022	9:00am	117.6	2	
Friday, 25 February 2022	9:01am	Saturday, 26 February 2022	9:00am	1	0.2	
Saturday, 26 February 2022	9:01am	Sunday, 27 February 2022	9:00am	1.4	0.6	
Sunday, 27 February 2022	9:01am	Monday, 28 February 2022	9:00am	48.2	1	
Monday, 28 February 2022	9:01am	Tuesday, 1 March 2022	9:00am	254.6	1.8	
Tuesday, 1 March 2022	9:01am	Wednesday, 2 March 2022	9:00am	98.2	1.8	
Wednesday, 2 March 2022	9:01am	Thursday, 3 March 2022	9:00am	5.8	0.6	
Thursday, 3 March 2022	9:01am	Friday, 4 March 2022	9:00am	0.2	0.2	
Friday, 4 March 2022	9:01am	Saturday, 5 March 2022	9:00am	0.6	0.2	
Saturday, 5 March 2022	9:01am	Sunday, 6 March 2022	9:00am	17.2	1.4	
Sunday, 6 March 2022	9:01am	Monday, 7 March 2022	9:00am	12	0.4	
Monday, 7 March 2022	9:01am	Tuesday, 8 March 2022	9:00am	48.4	3	
Tuesday, 8 March 2022	9:01am	Wednesday, 9 March 2022	9:00am	14	2	
Wednesday, 9 March 2022	9:01am	Thursday, 10 March 2022	9:00am	0	0	
Thursday, 10 March 2022	9:01am	Friday, 11 March 2022	9:00am	4.8	0.4	
Friday, 11 March 2022	9:01am	Saturday, 12 March 2022	9:00am	21.6	0.8	

Sampling Point:
 Licence
 Location
 EPL No
 Parameter/s Monitored
 Frequency & Method

Rain gauge
 Cape Byron Management Pty Ltd
 Broadwater Cogeneration Power Plant
 20425
 Rainfall
 Continuous Auto Sampler



TIPPING GAUGE CONTINUOUS RAINFALL MONITORING					
Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Saturday, 12 March 2022	9:01am	Sunday, 13 March 2022	9:00am	5	0.2
Sunday, 13 March 2022	9:01am	Monday, 14 March 2022	9:00am	1.4	0.4
Monday, 14 March 2022	9:01am	Tuesday, 15 March 2022	9:00am	7.6	0.6
Tuesday, 15 March 2022	9:01am	Wednesday, 16 March 2022	9:00am	10.2	0.6
Wednesday, 16 March 2022	9:01am	Thursday, 17 March 2022	9:00am	4.8	0.6
Thursday, 17 March 2022	9:01am	Friday, 18 March 2022	9:00am	3	0.4
Friday, 18 March 2022	9:01am	Saturday, 19 March 2022	9:00am	0.8	0.2
Saturday, 19 March 2022	9:01am	Sunday, 20 March 2022	9:00am	0	0
Sunday, 20 March 2022	9:01am	Monday, 21 March 2022	9:00am	7.2	1.4
Monday, 21 March 2022	9:01am	Tuesday, 22 March 2022	9:00am	0.2	0.2
Tuesday, 22 March 2022	9:01am	Wednesday, 23 March 2022	9:00am	0	0
Wednesday, 23 March 2022	9:01am	Thursday, 24 March 2022	9:00am	0	0
Thursday, 24 March 2022	9:01am	Friday, 25 March 2022	9:00am	0.8	0.2
Friday, 25 March 2022	9:01am	Saturday, 26 March 2022	9:00am	43.8	1.6
Saturday, 26 March 2022	9:01am	Sunday, 27 March 2022	9:00am	16.6	0.8
Sunday, 27 March 2022	9:01am	Monday, 28 March 2022	9:00am	93.2	1.4
Monday, 28 March 2022	9:01am	Tuesday, 29 March 2022	9:00am	16.2	0.8
Tuesday, 29 March 2022	9:01am	Wednesday, 30 March 2022	9:00am	83	1.2
Wednesday, 30 March 2022	9:01am	Thursday, 31 March 2022	9:00am	233.6	2
Thursday, 31 March 2022	9:01am	Friday, 1 April 2022	9:00am	11.2	1.6
Friday, 1 April 2022	9:01am	Saturday, 2 April 2022	9:00am	0.4	0.2
Saturday, 2 April 2022	9:01am	Sunday, 3 April 2022	9:00am	0.2	0.2
Sunday, 3 April 2022	9:01am	Monday, 4 April 2022	9:00am	0	0
Monday, 4 April 2022	9:01am	Tuesday, 5 April 2022	9:00am	2.2	0.2
Tuesday, 5 April 2022	9:01am	Wednesday, 6 April 2022	9:00am	0.2	0.2
Wednesday, 6 April 2022	9:01am	Thursday, 7 April 2022	9:00am	0	0
Thursday, 7 April 2022	9:01am	Friday, 8 April 2022	9:00am	8.4	1.8
Friday, 8 April 2022	9:01am	Saturday, 9 April 2022	9:00am	4.2	1.2
Saturday, 9 April 2022	9:01am	Sunday, 10 April 2022	9:00am	10	0.8
Sunday, 10 April 2022	9:01am	Monday, 11 April 2022	9:00am	1.4	0.4
Monday, 11 April 2022	9:01am	Tuesday, 12 April 2022	9:00am	0.8	0.2
Tuesday, 12 April 2022	9:01am	Wednesday, 13 April 2022	9:00am	0	0
Wednesday, 13 April 2022	9:01am	Thursday, 14 April 2022	9:00am	12.4	0.8
Thursday, 14 April 2022	9:01am	Friday, 15 April 2022	9:00am	14.6	0.6
Friday, 15 April 2022	9:01am	Saturday, 16 April 2022	9:00am	4.6	1
Saturday, 16 April 2022	9:01am	Sunday, 17 April 2022	9:00am	6.6	0.8
Sunday, 17 April 2022	9:01am	Monday, 18 April 2022	9:00am	4.2	1
Monday, 18 April 2022	9:01am	Tuesday, 19 April 2022	9:00am	0.2	0.2
Tuesday, 19 April 2022	9:01am	Wednesday, 20 April 2022	9:00am	0	0
Wednesday, 20 April 2022	9:01am	Thursday, 21 April 2022	9:00am	0	0
Thursday, 21 April 2022	9:01am	Friday, 22 April 2022	9:00am	0	0
Friday, 22 April 2022	9:01am	Saturday, 23 April 2022	9:00am	2.2	1.2
Saturday, 23 April 2022	9:01am	Sunday, 24 April 2022	9:00am	12	0.6
Sunday, 24 April 2022	9:01am	Monday, 25 April 2022	9:00am	1.8	0.4
Monday, 25 April 2022	9:01am	Tuesday, 26 April 2022	9:00am	7.2	0.6
Tuesday, 26 April 2022	9:01am	Wednesday, 27 April 2022	9:00am	0.2	0.2
Wednesday, 27 April 2022	9:01am	Thursday, 28 April 2022	9:00am	2.2	0.4
Thursday, 28 April 2022	9:01am	Friday, 29 April 2022	9:00am	0.8	0.2
Friday, 29 April 2022	9:01am	Saturday, 30 April 2022	9:00am	11.2	0.2
Saturday, 30 April 2022	9:01am	Sunday, 1 May 2022	9:00am	1	0.4
Sunday, 1 May 2022	9:01am	Monday, 2 May 2022	9:00am	10.6	0.4
Monday, 2 May 2022	9:01am	Tuesday, 3 May 2022	9:00am	20	1.4
Tuesday, 3 May 2022	9:01am	Wednesday, 4 May 2022	9:00am	4	0.4
Wednesday, 4 May 2022	9:01am	Thursday, 5 May 2022	9:00am	13.4	0.4
Thursday, 5 May 2022	9:01am	Friday, 6 May 2022	9:00am	0	0
Friday, 6 May 2022	9:01am	Saturday, 7 May 2022	9:00am	3.6	0.2
Saturday, 7 May 2022	9:01am	Sunday, 8 May 2022	9:00am	0.6	0.2
Sunday, 8 May 2022	9:01am	Monday, 9 May 2022	9:00am	21	0.4
Monday, 9 May 2022	9:01am	Tuesday, 10 May 2022	9:00am	0	0
Tuesday, 10 May 2022	9:01am	Wednesday, 11 May 2022	9:00am	1.8	0.2
Wednesday, 11 May 2022	9:01am	Thursday, 12 May 2022	9:00am	3.4	1
Thursday, 12 May 2022	9:01am	Friday, 13 May 2022	9:00am	0.8	0.2
Friday, 13 May 2022	9:01am	Saturday, 14 May 2022	9:00am	3.2	0.4
Saturday, 14 May 2022	9:01am	Sunday, 15 May 2022	9:00am	2.6	0.4
Sunday, 15 May 2022	9:01am	Monday, 16 May 2022	9:00am	23.2	0.4
Monday, 16 May 2022	9:01am	Tuesday, 17 May 2022	9:00am	2	0.2
Tuesday, 17 May 2022	9:01am	Wednesday, 18 May 2022	9:00am	0	0
Wednesday, 18 May 2022	9:01am	Thursday, 19 May 2022	9:00am	0	0
Thursday, 19 May 2022	9:01am	Friday, 20 May 2022	9:00am	5.4	0.6
Friday, 20 May 2022	9:01am	Saturday, 21 May 2022	9:00am	5.2	1
Saturday, 21 May 2022	9:01am	Sunday, 22 May 2022	9:00am	18.6	1.4
Sunday, 22 May 2022	9:01am	Monday, 23 May 2022	9:00am	8	0.4
Monday, 23 May 2022	9:01am	Tuesday, 24 May 2022	9:00am	46.2	1.2
Tuesday, 24 May 2022	9:01am	Wednesday, 25 May 2022	9:00am	58.6	1.6
Wednesday, 25 May 2022	9:01am	Thursday, 26 May 2022	9:00am	12.8	0.8
Thursday, 26 May 2022	9:01am	Friday, 27 May 2022	9:00am	13	0.8
Friday, 27 May 2022	9:01am	Saturday, 28 May 2022	9:00am	0.2	0.2
Saturday, 28 May 2022	9:01am	Sunday, 29 May 2022	9:00am	0.4	0.2
Sunday, 29 May 2022	9:01am	Monday, 30 May 2022	9:00am	9.8	1.4
Monday, 30 May 2022	9:01am	Tuesday, 31 May 2022	9:00am	0	0
Tuesday, 31 May 2022	9:01am	Wednesday, 1 June 2022	9:00am	0.2	0.2
Wednesday, 1 June 2022	9:01am	Thursday, 2 June 2022	9:00am	0	0
Thursday, 2 June 2022	9:01am	Friday, 3 June 2022	9:00am	0	0
Friday, 3 June 2022	9:01am	Saturday, 4 June 2022	9:00am	0	0
Saturday, 4 June 2022	9:01am	Sunday, 5 June 2022	9:00am	11.6	0.2
Sunday, 5 June 2022	9:01am	Monday, 6 June 2022	9:00am	0	0
Monday, 6 June 2022	9:01am	Tuesday, 7 June 2022	9:00am	0	0
Tuesday, 7 June 2022	9:01am	Wednesday, 8 June 2022	9:00am	0	0
Wednesday, 8 June 2022	9:01am	Thursday, 9 June 2022	9:00am	0	0
Thursday, 9 June 2022	9:01am	Friday, 10 June 2022	9:00am	0	0
Friday, 10 June 2022	9:01am	Saturday, 11 June 2022	9:00am	0	0
Saturday, 11 June 2022	9:01am	Sunday, 12 June 2022	9:00am	0	0
Sunday, 12 June 2022	9:01am	Monday, 13 June 2022	9:00am	0	0
Monday, 13 June 2022	9:01am	Tuesday, 14 June 2022	9:00am	0	0
Tuesday, 14 June 2022	9:01am	Wednesday, 15 June 2022	9:00am	0	0
Wednesday, 15 June 2022	9:01am	Thursday, 16 June 2022	9:00am	0	0
Thursday, 16 June 2022	9:01am	Friday, 17 June 2022	9:00am	0.2	0.2
Friday, 17 June 2022	9:01am	Saturday, 18 June 2022	9:00am	0.2	0.2
Saturday, 18 June 2022	9:01am	Sunday, 19 June 2022	9:00am	0	0
Sunday, 19 June 2022	9:01am	Monday, 20 June 2022	9:00am	0	0
Monday, 20 June 2022	9:01am	Tuesday, 21 June 2022	9:00am	2.6	0.2
Tuesday, 21 June 2022	9:01am	Wednesday, 22 June 2022	9:00am	1.4	0.2
Wednesday, 22 June 2022	9:01am	Thursday, 23 June 2022	9:00am	0.2	0.2
Thursday, 23 June 2022	9:01am	Friday, 24 June 2022	9:00am	0	0
Friday, 24 June 2022	9:01am	Saturday, 25 June 2022	9:00am	0.2	0.2
Saturday, 25 June 2022	9:01am	Sunday, 26 June 2022	9:00am	0.2	0.2
Sunday, 26 June 2022	9:01am	Monday, 27 June 2022	9:00am	0	0
Monday, 27 June 2022	9:01am	Tuesday, 28 June 2022	9:00am	0.2	0.2
Tuesday, 28 June 2022	9:01am	Wednesday, 29 June 2022	9:00am	0	0
Wednesday, 29 June 2022	9:01am	Thursday, 30 June 2022	9:00am	6.8	0.4

Sampling Point:
 Licence
 Location
 EPL No
 Parameters Monitored
 Frequency & Method

Rain gauge
 Cape Byron Management Pty Ltd
 Broadwater Cogeneration Power Plant
 20425
 Rainfall
 Continuous Auto Sampler



TIPPING GAUGE CONTINUOUS RAINFALL MONITORING					
Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Thursday, 30 June 2022	9:01am	Friday, 1 July 2022	9:00am	0.2	0.2
Friday, 1 July 2022	9:01am	Saturday, 2 July 2022	9:00am	0.6	0.2
Saturday, 2 July 2022	9:01am	Sunday, 3 July 2022	9:00am	26.8	0.2
Sunday, 3 July 2022	9:01am	Monday, 4 July 2022	9:00am	1.4	0.2
Monday, 4 July 2022	9:01am	Tuesday, 5 July 2022	9:00am	0	0
Tuesday, 5 July 2022	9:01am	Wednesday, 6 July 2022	9:00am	16.8	0.2
Wednesday, 6 July 2022	9:01am	Thursday, 7 July 2022	9:00am	28.4	0.6
Thursday, 7 July 2022	9:01am	Friday, 8 July 2022	9:00am	10	0.8
Friday, 8 July 2022	9:01am	Saturday, 9 July 2022	9:00am	2.2	0.6
Saturday, 9 July 2022	9:01am	Sunday, 10 July 2022	9:00am	0	0
Sunday, 10 July 2022	9:01am	Monday, 11 July 2022	9:00am	0	0
Monday, 11 July 2022	9:01am	Tuesday, 12 July 2022	9:00am	3.2	0.2
Tuesday, 12 July 2022	9:01am	Wednesday, 13 July 2022	9:00am	0.8	0.2
Wednesday, 13 July 2022	9:01am	Thursday, 14 July 2022	9:00am	2	0.4
Thursday, 14 July 2022	9:01am	Friday, 15 July 2022	9:00am	0.4	0.2
Friday, 15 July 2022	9:01am	Saturday, 16 July 2022	9:00am	0	0
Saturday, 16 July 2022	9:01am	Sunday, 17 July 2022	9:00am	0	0
Sunday, 17 July 2022	9:01am	Monday, 18 July 2022	9:00am	0	0
Monday, 18 July 2022	9:01am	Tuesday, 19 July 2022	9:00am	0.2	0.2
Tuesday, 19 July 2022	9:01am	Wednesday, 20 July 2022	9:00am	20.4	0.6
Wednesday, 20 July 2022	9:01am	Thursday, 21 July 2022	9:00am	5.2	0.4
Thursday, 21 July 2022	9:01am	Friday, 22 July 2022	9:00am	3.6	0.4
Friday, 22 July 2022	9:01am	Saturday, 23 July 2022	9:00am	22.4	0.8
Saturday, 23 July 2022	9:01am	Sunday, 24 July 2022	9:00am	3.8	0.4
Sunday, 24 July 2022	9:01am	Monday, 25 July 2022	9:00am	1.2	0.2
Monday, 25 July 2022	9:01am	Tuesday, 26 July 2022	9:00am	0.2	0.2
Tuesday, 26 July 2022	9:01am	Wednesday, 27 July 2022	9:00am	0	0
Wednesday, 27 July 2022	9:01am	Thursday, 28 July 2022	9:00am	0	0
Thursday, 28 July 2022	9:01am	Friday, 29 July 2022	9:00am	0	0
Friday, 29 July 2022	9:01am	Saturday, 30 July 2022	9:00am	0	0
Saturday, 30 July 2022	9:01am	Sunday, 31 July 2022	9:00am	0	0
Sunday, 31 July 2022	9:01am	Monday, 1 August 2022	9:00am	1.4	0.4
Monday, 1 August 2022	9:01am	Tuesday, 2 August 2022	9:00am	0	0
Tuesday, 2 August 2022	9:01am	Wednesday, 3 August 2022	9:00am	0.2	0.2
Wednesday, 3 August 2022	9:01am	Thursday, 4 August 2022	9:00am	0	0
Thursday, 4 August 2022	9:01am	Friday, 5 August 2022	9:00am	0	0
Friday, 5 August 2022	9:01am	Saturday, 6 August 2022	9:00am	0	0
Saturday, 6 August 2022	9:01am	Sunday, 7 August 2022	9:00am	1.8	0.2
Sunday, 7 August 2022	9:01am	Monday, 8 August 2022	9:00am	0	0
Monday, 8 August 2022	9:01am	Tuesday, 9 August 2022	9:00am	0	0
Tuesday, 9 August 2022	9:01am	Wednesday, 10 August 2022	9:00am	0	0
Wednesday, 10 August 2022	9:01am	Thursday, 11 August 2022	9:00am	0	0
Thursday, 11 August 2022	9:01am	Friday, 12 August 2022	9:00am	0	0
Friday, 12 August 2022	9:01am	Saturday, 13 August 2022	9:00am	0.2	0.2
Saturday, 13 August 2022	9:01am	Sunday, 14 August 2022	9:00am	0	0
Sunday, 14 August 2022	9:01am	Monday, 15 August 2022	9:00am	2.8	0.2
Monday, 15 August 2022	9:01am	Tuesday, 16 August 2022	9:00am	2.6	0.2
Tuesday, 16 August 2022	9:01am	Wednesday, 17 August 2022	9:00am	0	0
Wednesday, 17 August 2022	9:01am	Thursday, 18 August 2022	9:00am	0	0
Thursday, 18 August 2022	9:01am	Friday, 19 August 2022	9:00am	5.6	0.4
Friday, 19 August 2022	9:01am	Saturday, 20 August 2022	9:00am	0	0
Saturday, 20 August 2022	9:01am	Sunday, 21 August 2022	9:00am	0	0
Sunday, 21 August 2022	9:01am	Monday, 22 August 2022	9:00am	0	0
Monday, 22 August 2022	9:01am	Tuesday, 23 August 2022	9:00am	0	0
Tuesday, 23 August 2022	9:01am	Wednesday, 24 August 2022	9:00am	2.4	0.2
Wednesday, 24 August 2022	9:01am	Thursday, 25 August 2022	9:00am	0	0
Thursday, 25 August 2022	9:01am	Friday, 26 August 2022	9:00am	0	0
Friday, 26 August 2022	9:01am	Saturday, 27 August 2022	9:00am	0	0
Saturday, 27 August 2022	9:01am	Sunday, 28 August 2022	9:00am	5.2	0.6
Sunday, 28 August 2022	9:01am	Monday, 29 August 2022	9:00am	2.4	0.4
Monday, 29 August 2022	9:01am	Tuesday, 30 August 2022	9:00am	0	0
Tuesday, 30 August 2022	9:01am	Wednesday, 31 August 2022	9:00am	7.8	0.2
Wednesday, 31 August 2022	9:01am	Thursday, 1 September 2022	9:00am	0.2	0.2
Thursday, 1 September 2022	9:01am	Friday, 2 September 2022	9:00am	0.2	0.2
Friday, 2 September 2022	9:01am	Saturday, 3 September 2022	9:00am	51.6	0.4
Saturday, 3 September 2022	9:01am	Sunday, 4 September 2022	9:00am	43.8	1
Sunday, 4 September 2022	9:01am	Monday, 5 September 2022	9:00am	1.4	0.2
Monday, 5 September 2022	9:01am	Tuesday, 6 September 2022	9:00am	1.6	0.4
Tuesday, 6 September 2022	9:01am	Wednesday, 7 September 2022	9:00am	1.6	0.4
Wednesday, 7 September 2022	9:01am	Thursday, 8 September 2022	9:00am	0	0
Thursday, 8 September 2022	9:01am	Friday, 9 September 2022	9:00am	0	0
Friday, 9 September 2022	9:01am	Saturday, 10 September 2022	9:00am	6.4	0.2
Saturday, 10 September 2022	9:01am	Sunday, 11 September 2022	9:00am	0.2	0.2
Sunday, 11 September 2022	9:01am	Monday, 12 September 2022	9:00am	0	0
Monday, 12 September 2022	9:01am	Tuesday, 13 September 2022	9:00am	0	0
Tuesday, 13 September 2022	9:01am	Wednesday, 14 September 2022	9:00am	0	0
Wednesday, 14 September 2022	9:01am	Thursday, 15 September 2022	9:00am	0	0
Thursday, 15 September 2022	9:01am	Friday, 16 September 2022	9:00am	0	0
Friday, 16 September 2022	9:01am	Saturday, 17 September 2022	9:00am	4	0.2
Saturday, 17 September 2022	9:01am	Sunday, 18 September 2022	9:00am	0	0
Sunday, 18 September 2022	9:01am	Monday, 19 September 2022	9:00am	0	0
Monday, 19 September 2022	9:01am	Tuesday, 20 September 2022	9:00am	0	0
Tuesday, 20 September 2022	9:01am	Wednesday, 21 September 2022	9:00am	0	0
Wednesday, 21 September 2022	9:01am	Thursday, 22 September 2022	9:00am	11.4	0.4
Thursday, 22 September 2022	9:01am	Friday, 23 September 2022	9:00am	59	0.6
Friday, 23 September 2022	9:01am	Saturday, 24 September 2022	9:00am	1.4	0.2
Saturday, 24 September 2022	9:01am	Sunday, 25 September 2022	9:00am	0	0
Sunday, 25 September 2022	9:01am	Monday, 26 September 2022	9:00am	0.2	0.2
Monday, 26 September 2022	9:01am	Tuesday, 27 September 2022	9:00am	0	0
Tuesday, 27 September 2022	9:01am	Wednesday, 28 September 2022	9:00am	0.4	0.2
Wednesday, 28 September 2022	9:01am	Thursday, 29 September 2022	9:00am	0	0
Thursday, 29 September 2022	9:01am	Friday, 30 September 2022	9:00am	0	0
Friday, 30 September 2022	9:01am	Saturday, 1 October 2022	9:00am	5.8	0.4
Saturday, 1 October 2022	9:01am	Sunday, 2 October 2022	9:00am	34.8	0.6
Sunday, 2 October 2022	9:01am	Monday, 3 October 2022	9:00am	2.2	0.2
Monday, 3 October 2022	9:01am	Tuesday, 4 October 2022	9:00am	0.2	0.2
Tuesday, 4 October 2022	9:01am	Wednesday, 5 October 2022	9:00am	0	0
Wednesday, 5 October 2022	9:01am	Thursday, 6 October 2022	9:00am	1.8	0.2
Thursday, 6 October 2022	9:01am	Friday, 7 October 2022	9:00am	0	0.2
Friday, 7 October 2022	9:01am	Saturday, 8 October 2022	9:00am	0	0.2
Saturday, 8 October 2022	9:01am	Sunday, 9 October 2022	9:00am	6.2	0.2
Sunday, 9 October 2022	9:01am	Monday, 10 October 2022	9:00am	8	0.4
Monday, 10 October 2022	9:01am	Tuesday, 11 October 2022	9:00am	5.2	0.2
Tuesday, 11 October 2022	9:01am	Wednesday, 12 October 2022	9:00am	0	0
Wednesday, 12 October 2022	9:01am	Thursday, 13 October 2022	9:00am	2	0.2
Thursday, 13 October 2022	9:01am	Friday, 14 October 2022	9:00am	1	0.2
Friday, 14 October 2022	9:01am	Saturday, 15 October 2022	9:00am	0	0
Saturday, 15 October 2022	9:01am	Sunday, 16 October 2022	9:00am	0	0
Sunday, 16 October 2022	9:01am	Monday, 17 October 2022	9:00am	1	0.2
Monday, 17 October 2022	9:01am	Tuesday, 18 October 2022	9:00am	13.4	0.2
Tuesday, 18 October 2022	9:01am	Wednesday, 19 October 2022	9:00am	0.2	0.2
Wednesday, 19 October 2022	9:01am	Thursday, 20 October 2022	9:00am	9	0.2
Thursday, 20 October 2022	9:01am	Friday, 21 October 2022	9:00am	2	0.2

Sampling Point: Rain gauge
 Licence Cape Byron Management Pty Ltd
 Location Broadwater Cogeneration Power Plant
 EPL No 20425
 Parameter/s Monitored Rainfall
 Frequency & Method Continuous Auto Sampler



TIPPING GAUGE CONTINUOUS RAINFALL MONITORING					
Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Friday, 21 October 2022	9:01am	Saturday, 22 October 2022	9:00am	1.6	0.2
Saturday, 22 October 2022	9:01am	Sunday, 23 October 2022	9:00am	20.6	1
Sunday, 23 October 2022	9:01am	Monday, 24 October 2022	9:00am	124.4	1.4
Monday, 24 October 2022	9:01am	Tuesday, 25 October 2022	9:00am	6.6	0.8
Tuesday, 25 October 2022	9:01am	Wednesday, 26 October 2022	9:00am	0	0
Wednesday, 26 October 2022	9:01am	Thursday, 27 October 2022	9:00am	0	0
Thursday, 27 October 2022	9:01am	Friday, 28 October 2022	9:00am	0	0
Friday, 28 October 2022	9:01am	Saturday, 29 October 2022	9:00am	0	0
Saturday, 29 October 2022	9:01am	Sunday, 30 October 2022	9:00am	0	0
Sunday, 30 October 2022	9:01am	Monday, 31 October 2022	9:00am	0	0
Monday, 31 October 2022	9:01am	Tuesday, 1 November 2022	9:00am	6.2	0.6
Tuesday, 1 November 2022	9:01am	Wednesday, 2 November 2022	9:00am	0.6	0.2
Wednesday, 2 November 2022	9:01am	Thursday, 3 November 2022	9:00am	0	0
Thursday, 3 November 2022	9:01am	Friday, 4 November 2022	9:00am	0	0
Friday, 4 November 2022	9:01am	Saturday, 5 November 2022	9:00am	2	0.4
Saturday, 5 November 2022	9:01am	Sunday, 6 November 2022	9:00am	10.6	1.4
Sunday, 6 November 2022	9:01am	Monday, 7 November 2022	9:00am	0	0
Monday, 7 November 2022	9:01am	Tuesday, 8 November 2022	9:00am	2	0.2
Tuesday, 8 November 2022	9:01am	Wednesday, 9 November 2022	9:00am	2	0.4
Wednesday, 9 November 2022	9:01am	Thursday, 10 November 2022	9:00am	0	0
Thursday, 10 November 2022	9:01am	Friday, 11 November 2022	9:00am	0	0
Friday, 11 November 2022	9:01am	Saturday, 12 November 2022	9:00am	0	0
Saturday, 12 November 2022	9:01am	Sunday, 13 November 2022	9:00am	0	0
Sunday, 13 November 2022	9:01am	Monday, 14 November 2022	9:00am	0	0
Monday, 14 November 2022	9:01am	Tuesday, 15 November 2022	9:00am	0.4	0.2
Tuesday, 15 November 2022	9:01am	Wednesday, 16 November 2022	9:00am	0	0
Wednesday, 16 November 2022	9:01am	Thursday, 17 November 2022	9:00am	0	0
Thursday, 17 November 2022	9:01am	Friday, 18 November 2022	9:00am	0	0
Friday, 18 November 2022	9:01am	Saturday, 19 November 2022	9:00am	0	0
Saturday, 19 November 2022	9:01am	Sunday, 20 November 2022	9:00am	0	0
Sunday, 20 November 2022	9:01am	Monday, 21 November 2022	9:00am	0	0
Monday, 21 November 2022	9:01am	Tuesday, 22 November 2022	9:00am	0	0
Tuesday, 22 November 2022	9:01am	Wednesday, 23 November 2022	9:00am	0	0
Wednesday, 23 November 2022	9:01am	Thursday, 24 November 2022	9:00am	0	0
Thursday, 24 November 2022	9:01am	Friday, 25 November 2022	9:00am	0	0
Friday, 25 November 2022	9:01am	Saturday, 26 November 2022	9:00am	0	0
Saturday, 26 November 2022	9:01am	Sunday, 27 November 2022	9:00am	0	0
Sunday, 27 November 2022	9:01am	Monday, 28 November 2022	9:00am	0	0
Monday, 28 November 2022	9:01am	Tuesday, 29 November 2022	9:00am	0	0
Tuesday, 29 November 2022	9:01am	Wednesday, 30 November 2022	9:00am	0	0
Wednesday, 30 November 2022	9:01am	Thursday, 1 December 2022	9:00am	11.4	0.2
Thursday, 1 December 2022	9:01am	Friday, 2 December 2022	9:00am	20	0.4
Friday, 2 December 2022	9:01am	Saturday, 3 December 2022	9:00am	1.6	0.2
Saturday, 3 December 2022	9:01am	Sunday, 4 December 2022	9:00am	5.8	0.4
Sunday, 4 December 2022	9:01am	Monday, 5 December 2022	9:00am	1.6	0.2
Monday, 5 December 2022	9:01am	Tuesday, 6 December 2022	9:00am	0	0
Tuesday, 6 December 2022	9:01am	Wednesday, 7 December 2022	9:00am	0	0
Wednesday, 7 December 2022	9:01am	Thursday, 8 December 2022	9:00am	0	0
Thursday, 8 December 2022	9:01am	Friday, 9 December 2022	9:00am	0	0
Friday, 9 December 2022	9:01am	Saturday, 10 December 2022	9:00am	4.6	0.6
Saturday, 10 December 2022	9:01am	Sunday, 11 December 2022	9:00am	0	0
Sunday, 11 December 2022	9:01am	Monday, 12 December 2022	9:00am	0	0
Monday, 12 December 2022	9:01am	Tuesday, 13 December 2022	9:00am	0	0
Tuesday, 13 December 2022	9:01am	Wednesday, 14 December 2022	9:00am	0	0
Wednesday, 14 December 2022	9:01am	Thursday, 15 December 2022	9:00am	0	0
Thursday, 15 December 2022	9:01am	Friday, 16 December 2022	9:00am	0	0
Friday, 16 December 2022	9:01am	Saturday, 17 December 2022	9:00am	1.4	0.2
Saturday, 17 December 2022	9:01am	Sunday, 18 December 2022	9:00am	0	0
Sunday, 18 December 2022	9:01am	Monday, 19 December 2022	9:00am	0	0
Monday, 19 December 2022	9:01am	Tuesday, 20 December 2022	9:00am	0	0
Tuesday, 20 December 2022	9:01am	Wednesday, 21 December 2022	9:00am	1.8	0.6
Wednesday, 21 December 2022	9:01am	Thursday, 22 December 2022	9:00am	0	0
Thursday, 22 December 2022	9:01am	Friday, 23 December 2022	9:00am	1	0.2
Friday, 23 December 2022	9:01am	Saturday, 24 December 2022	9:00am	1	0.2
Saturday, 24 December 2022	9:01am	Sunday, 25 December 2022	9:00am	0.8	0.2
Sunday, 25 December 2022	9:01am	Monday, 26 December 2022	9:00am	0.2	0.2
Monday, 26 December 2022	9:01am	Tuesday, 27 December 2022	9:00am	0	0
Tuesday, 27 December 2022	9:01am	Wednesday, 28 December 2022	9:00am	0	0
Wednesday, 28 December 2022	9:01am	Thursday, 29 December 2022	9:00am	0	0
Thursday, 29 December 2022	9:01am	Friday, 30 December 2022	9:00am	1	0.2
Friday, 30 December 2022	9:01am	Saturday, 31 December 2022	9:00am	1.4	0.2
Saturday, 31 December 2022	9:01am	Sunday, 1 January 2023	9:00am	0	0
Sunday, 1 January 2023	9:01am	Monday, 2 January 2023	9:00am	0	0
Monday, 2 January 2023	9:01am	Tuesday, 3 January 2023	9:00am	0	0
Tuesday, 3 January 2023	9:01am	Wednesday, 4 January 2023	9:00am	0	0
Wednesday, 4 January 2023	9:01am	Thursday, 5 January 2023	9:00am	19	1
Thursday, 5 January 2023	9:01am	Friday, 6 January 2023	9:00am	12	0.8
Friday, 6 January 2023	9:01am	Saturday, 7 January 2023	9:00am	0	0
Saturday, 7 January 2023	9:01am	Sunday, 8 January 2023	9:00am	0	0
Sunday, 8 January 2023	9:01am	Monday, 9 January 2023	9:00am	2.6	0.2
Monday, 9 January 2023	9:01am	Tuesday, 10 January 2023	9:00am	0	0
Tuesday, 10 January 2023	9:01am	Wednesday, 11 January 2023	9:00am	0	0
Wednesday, 11 January 2023	9:01am	Thursday, 12 January 2023	9:00am	0	0
Thursday, 12 January 2023	9:01am	Friday, 13 January 2023	9:00am	0	0
Friday, 13 January 2023	9:01am	Saturday, 14 January 2023	9:00am	0	0
Saturday, 14 January 2023	9:01am	Sunday, 15 January 2023	9:00am	0	0
Sunday, 15 January 2023	9:01am	Monday, 16 January 2023	9:00am	0	0
Monday, 16 January 2023	9:01am	Tuesday, 17 January 2023	9:00am	0	0
Tuesday, 17 January 2023	9:01am	Wednesday, 18 January 2023	9:00am	0	0
Wednesday, 18 January 2023	9:01am	Thursday, 19 January 2023	9:00am	0	0
Thursday, 19 January 2023	9:01am	Friday, 20 January 2023	9:00am	36.4	0.4
Friday, 20 January 2023	9:01am	Saturday, 21 January 2023	9:00am	8.4	1.6
Saturday, 21 January 2023	9:01am	Sunday, 22 January 2023	9:00am	1.2	0.2
Sunday, 22 January 2023	9:01am	Monday, 23 January 2023	9:00am	3.6	0.4
Monday, 23 January 2023	9:01am	Tuesday, 24 January 2023	9:00am	0.8	0.2
Tuesday, 24 January 2023	9:01am	Wednesday, 25 January 2023	9:00am	9.4	0.8
Wednesday, 25 January 2023	9:01am	Thursday, 26 January 2023	9:00am	0	0
Thursday, 26 January 2023	9:01am	Friday, 27 January 2023	9:00am	0	0
Friday, 27 January 2023	9:01am	Saturday, 28 January 2023	9:00am	0.2	0.2
Saturday, 28 January 2023	9:01am	Sunday, 29 January 2023	9:00am	0	0
Sunday, 29 January 2023	9:01am	Monday, 30 January 2023	9:00am	0	0
Monday, 30 January 2023	9:01am	Tuesday, 31 January 2023	9:00am	18.2	0.6
Tuesday, 31 January 2023	9:01am	Wednesday, 1 February 2023	9:00am	27.6	1.4
Wednesday, 1 February 2023	9:01am	Thursday, 2 February 2023	9:00am	0	0
Thursday, 2 February 2023	9:01am	Friday, 3 February 2023	9:00am	0	0
Friday, 3 February 2023	9:01am	Saturday, 4 February 2023	9:00am	0	0
Saturday, 4 February 2023	9:01am	Sunday, 5 February 2023	9:00am	0	0
Sunday, 5 February 2023	9:01am	Monday, 6 February 2023	9:00am	0	0
Monday, 6 February 2023	9:01am	Tuesday, 7 February 2023	9:00am	0	0
Tuesday, 7 February 2023	9:01am	Wednesday, 8 February 2023	9:00am	0	0
Wednesday, 8 February 2023	9:01am	Thursday, 9 February 2023	9:00am	0.6	0.2
Thursday, 9 February 2023	9:01am	Friday, 10 February 2023	9:00am	3	1
Friday, 10 February 2023	9:01am	Saturday, 11 February 2023	9:00am	0	0

Sampling Point:
 Licence
 Location
 EPL No
 Parameters Monitored
 Frequency & Method

Rain gauge
 Cape Byron Management Pty Ltd
 Broadwater Cogeneration Power Plant
 20425
 Rainfall
 Continuous Auto Sampler



TIPPING GAUGE CONTINUOUS RAINFALL MONITORING					
Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Saturday, 11 February 2023	9:01am	Sunday, 12 February 2023	9:00am	0	0
Sunday, 12 February 2023	9:01am	Monday, 13 February 2023	9:00am	0.2	0.2
Monday, 13 February 2023	9:01am	Tuesday, 14 February 2023	9:00am	15.6	0.8
Tuesday, 14 February 2023	9:01am	Wednesday, 15 February 2023	9:00am	19.4	1
Wednesday, 15 February 2023	9:01am	Thursday, 16 February 2023	9:00am	0	0
Thursday, 16 February 2023	9:01am	Friday, 17 February 2023	9:00am	0	0
Friday, 17 February 2023	9:01am	Saturday, 18 February 2023	9:00am	0	0
Saturday, 18 February 2023	9:01am	Sunday, 19 February 2023	9:00am	0	0
Sunday, 19 February 2023	9:01am	Monday, 20 February 2023	9:00am	0	0
Monday, 20 February 2023	9:01am	Tuesday, 21 February 2023	9:00am	1.8	0.4
Tuesday, 21 February 2023	9:01am	Wednesday, 22 February 2023	9:00am	0.4	0.2
Wednesday, 22 February 2023	9:01am	Thursday, 23 February 2023	9:00am	0	0
Thursday, 23 February 2023	9:01am	Friday, 24 February 2023	9:00am	40.4	1.4
Friday, 24 February 2023	9:01am	Saturday, 25 February 2023	9:00am	4	0.2
Saturday, 25 February 2023	9:01am	Sunday, 26 February 2023	9:00am	0	0
Sunday, 26 February 2023	9:01am	Monday, 27 February 2023	9:00am	0	0
Monday, 27 February 2023	9:01am	Tuesday, 28 February 2023	9:00am	0	0
Tuesday, 28 February 2023	9:01am	Wednesday, 1 March 2023	9:00am	0	0
Wednesday, 1 March 2023	9:01am	Thursday, 2 March 2023	9:00am	17.6	1.6
Thursday, 2 March 2023	9:01am	Friday, 3 March 2023	9:00am	5.2	0.8
Friday, 3 March 2023	9:01am	Saturday, 4 March 2023	9:00am	10.6	1
Saturday, 4 March 2023	9:01am	Sunday, 5 March 2023	9:00am	0.8	0.4
Sunday, 5 March 2023	9:01am	Monday, 6 March 2023	9:00am	0	0
Monday, 6 March 2023	9:01am	Tuesday, 7 March 2023	9:00am	0	0
Tuesday, 7 March 2023	9:01am	Wednesday, 8 March 2023	9:00am	0	0
Wednesday, 8 March 2023	9:01am	Thursday, 9 March 2023	9:00am	0	0
Thursday, 9 March 2023	9:01am	Friday, 10 March 2023	9:00am	0	0
Friday, 10 March 2023	9:01am	Saturday, 11 March 2023	9:00am	0	0
Saturday, 11 March 2023	9:01am	Sunday, 12 March 2023	9:00am	0.8	0.2
Sunday, 12 March 2023	9:01am	Monday, 13 March 2023	9:00am	8.6	0.4
Monday, 13 March 2023	9:01am	Tuesday, 14 March 2023	9:00am	0	0
Tuesday, 14 March 2023	9:01am	Wednesday, 15 March 2023	9:00am	0	0
Wednesday, 15 March 2023	9:01am	Thursday, 16 March 2023	9:00am	0	0
Thursday, 16 March 2023	9:01am	Friday, 17 March 2023	9:00am	0	0
Friday, 17 March 2023	9:01am	Saturday, 18 March 2023	9:00am	0.2	0.2
Saturday, 18 March 2023	9:01am	Sunday, 19 March 2023	9:00am	0.2	0.2
Sunday, 19 March 2023	9:01am	Monday, 20 March 2023	9:00am	0.2	0.2
Monday, 20 March 2023	9:01am	Tuesday, 21 March 2023	9:00am	0	0
Tuesday, 21 March 2023	9:01am	Wednesday, 22 March 2023	9:00am	19.8	0.8

Licencee Cape Byron Management Pty Ltd
Location Broadwater Cogeneration Power Plant
EPL No 20425



CORRECTIONS LOG							
Date Sampled	Monitoring Point	Pollutant/Parameter	Original Data	Corrected Data	Date Corrected	Date Originally Published	Reason
01-Jul-21	3	PM10	<0.1	5.0	23-Sep-21	13-Aug-21	Sample and bag mixed up
31-Jul-21	3	PM10	5.0	11.9	23-Sep-21	13-Aug-21	Sample and bag mixed up