



# Environmental Monitoring Report

## **Broadwater Power Plant 117 Baraang Drive Broadwater NSW**

Licencee Cape Byron Management Pty Ltd  
Address Suite 2.03 15-21 Via Roma Isle of Capri QLD 4217  
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: **Monitoring Point 1 - No 12 Boiler Stack Emissions**  
 Licence: Cape Byron Management Pty Ltd  
 Location: Broadwater Cogeneration Power Plant  
 EPL No: 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>  
 Parameters Monitored: see individual parameters in table  
 Frequency & Method: Annually in accordance with EPA protocols  
 Limits: see individual parameters in table



			RESULTS TABLE				
Report Number			AE12084	AE 13192	AE 13741	AE 14703	AE 15185
Sampling Date			20-Aug-19	16-Jul-20	15-Jul-21	15-Dec-22	13-Sep-23
Date Received			13-Sep-19	25-Aug-20	02-Aug-21	11-Jan-23	06-Oct-23
Date Published			23-Sep-19	27-Aug-20	13-Aug-21	25-Jan-23	07-Feb-24
Measured Parameters dry @ STP and corrected to 7% O <sub>2</sub>	Units	Concentration Limit					
Average stack gas temperature	°C	Not Applicable	92.3	108.0	88.0	98.0	80.0
Average velocity at sampling plane	m/s	Not Applicable	9.8	8.1	9.7	6.6	10.0
Gas Volumetric Flowrate	m <sup>3</sup> /sec	Not Applicable	28.1	20.9	47.8	20.5	64.0
Dry Gas Density	kg/m <sup>3</sup>	Not Applicable	1.3	1.3	1.3	1.2	1.3
Molecular Weight of Stack Gases	g/g mole	Not Applicable	29.9	30.1	30.1	29.9	29.4
Moisture content	%	Not Applicable	21.8	26.7	20.1	13.1	18.3
Concentration of carbon dioxide	%	Not Applicable	9.5	10.6	11.0	9.3	4.5
Total Solid Particles	mg/m <sup>3</sup>	100	17.1	70.7	42.7	61.0	75.0
Sulphuric Acid Mist & Sulphur Trioxide as SO <sub>3</sub>	mg/m <sup>3</sup>	12	4.7	5.6	11.3	10.9	10.9
Nitrogen Oxides (NO <sub>x</sub> )	mg/m <sup>3</sup>	500	480.0	368.0	270.0	266.0	442.0

Notes  
 1) Boiler Shutdown Approx Dec to June each year

			RESULTS TABLE				
Report Number							
Sampling Date							
Date Received							
Date Published							
Measured Parameters dry @ STP and corrected to 7% O <sub>2</sub>	Units	Concentration Limit					
Average stack gas temperature	°C	Not Applicable					
Average velocity at sampling plane	m/s	Not Applicable					
Gas Volumetric Flowrate	m <sup>3</sup> /sec	Not Applicable					
Dry Gas Density	kg/m <sup>3</sup>	Not Applicable					
Molecular Weight of Stack Gases	g/g mole	Not Applicable					
Moisture content	%	Not Applicable					
Concentration of carbon dioxide	%	Not Applicable					
Total Solid Particles	mg/m <sup>3</sup>	100					
Sulphuric Acid Mist & Sulphur Trioxide as SO <sub>3</sub>	mg/m <sup>3</sup>	12					
Nitrogen Oxides (NO <sub>x</sub> )	mg/m <sup>3</sup>	500					



**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 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 <sup>3</sup> )	Notes
2-Jan-19	12-Jan-19	18-Jan-19	15	
8-Jan-19	4-Mar-19	29-Mar-19	45	
14-Jan-19	4-Mar-19	29-Mar-19	28	
20-Jan-19	4-Mar-19	29-Mar-19	35	
26-Jan-19	4-Mar-19	29-Mar-19	11	
1-Feb-19	4-Mar-19	29-Mar-19	20	
7-Feb-19	4-Mar-19	29-Mar-19	21	
13-Feb-19	4-Mar-19	29-Mar-19	38	
19-Feb-19	4-Mar-19	29-Mar-19	22	
25-Feb-19	4-Mar-19	29-Mar-19	4	
3-Mar-19	26-Apr-19	30-Apr-19	25	
9-Mar-19	26-Apr-19	30-Apr-19	11	
15-Mar-19	26-Apr-19	30-Apr-19	16	
21-Mar-19	26-Apr-19	30-Apr-19	12	
27-Mar-19	26-Apr-19	30-Apr-19	19	
2-Apr-19	26-Apr-19	30-Apr-19	7	
8-Apr-19	26-Apr-19	30-Apr-19	13	
14-Apr-19	15-May-19	18-Jun-19	5	
20-Apr-19	15-May-19	18-Jun-19	20	
26-Apr-19	15-May-19	18-Jun-19	24	
2-May-19	15-May-19	18-Jun-19	25	
8-May-19	13-Jun-19	18-Jun-19	11	
14-May-19	13-Jun-19	18-Jun-19	11	
20-May-19	13-Jun-19	18-Jun-19	12	
26-May-19	13-Jun-19	18-Jun-19	10	
1-Jun-19	13-Jun-19	18-Jun-19	18	
7-Jun-19	12-Jul-19	23-Jul-19	12	
13-Jun-19	12-Jul-19	23-Jul-19	21	
19-Jun-19	12-Jul-19	23-Jul-19	11	
25-Jun-19	12-Jul-19	23-Jul-19	12	
1-Jul-19	12-Jul-19	23-Jul-19	13	
7-Jul-19	14-Aug-19	22-Aug-19	4	
13-Jul-19	14-Aug-19	22-Aug-19	18	
19-Jul-19	14-Aug-19	22-Aug-19	18	
25-Jul-19	14-Aug-19	22-Aug-19	22	
31-Jul-19	14-Aug-19	22-Aug-19	7	
6-Aug-19	11-Sep-19	23-Sep-19	36	
12-Aug-19	11-Sep-19	23-Sep-19	33	
18-Aug-19	11-Sep-19	23-Sep-19	33	
24-Aug-19	11-Sep-19	23-Sep-19	22	
30-Aug-19	11-Sep-19	23-Sep-19	35	
5-Sep-19	16-Oct-19	29-Oct-19	14	
11-Sep-19	16-Oct-19	29-Oct-19	14	
17-Sep-19	16-Oct-19	29-Oct-19	35	
23-Sep-19	16-Oct-19	29-Oct-19	59	
29-Sep-19	16-Oct-19	29-Oct-19	28	
5-Oct-19	16-Oct-19	29-Oct-19	22	
11-Oct-19	20-Nov-19	28-Nov-19	13	
17-Oct-19	20-Nov-19	28-Nov-19	77	
23-Oct-19	20-Nov-19	28-Nov-19	39	
29-Oct-19	20-Nov-19	28-Nov-19	44	
4-Nov-19	20-Nov-19	28-Nov-19	101	
10-Nov-19	16-Dec-19	23-Jan-20	178	
16-Nov-19	16-Dec-19	23-Jan-20	74	
22-Nov-19	16-Dec-19	23-Jan-20	45	
28-Nov-19	16-Dec-19	23-Jan-20	99	
4-Dec-19	16-Dec-19	23-Jan-20	69	
10-Dec-19	22-Jan-20	23-Jan-20	55	
16-Dec-19	22-Jan-20	23-Jan-20	51	

**Sampling Point:** Monitoring Point 3 - Ambient Air Monitoring  
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 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 <sup>3</sup> )	Notes
22-Dec-19	22-Jan-20	23-Jan-20	21	
28-Dec-19	22-Jan-20	23-Jan-20	11	
3-Jan-20	22-Jan-20	23-Jan-20	30.4	
9-Jan-20	12-Feb-20	6-Mar-20		Clock technical issue due to 2020 date roll over
14-Jan-20	12-Feb-20	6-Mar-20	13.2	Date changed by one day due to technical issue
20-Jan-20	12-Feb-20	6-Mar-20	19.1	
26-Jan-20	12-Feb-20	6-Mar-20	12.5	
1-Feb-20	12-Feb-20	6-Mar-20	15.6	
7-Feb-20	12-Mar-20	1-Apr-20	15.8	
13-Feb-20	12-Mar-20	1-Apr-20	24.9	
19-Feb-20	12-Mar-20	1-Apr-20	26.2	
25-Feb-20	12-Mar-20	1-Apr-20	14.9	
2-Mar-20	12-Mar-20	1-Apr-20	22.0	
8-Mar-20	20-Apr-20	30-Apr-20	16.3	
14-Mar-20	20-Apr-20	30-Apr-20	11.0	
20-Mar-20	20-Apr-20	30-Apr-20	12.5	
26-Mar-20	20-Apr-20	30-Apr-20	10.7	
1-Apr-20	20-Apr-20	30-Apr-20	15.4	
7-Apr-20	20-May-20	29-May-20	15.0	
13-Apr-20	20-May-20	29-May-20	20.8	
19-Apr-20	20-May-20	29-May-20	168.0	
25-Apr-20	20-May-20	29-May-20	15.4	
1-May-20	20-May-20	29-May-20	7.7	
7-May-20	20-May-20	29-May-20	16.8	
13-May-20	26-Jun-20	29-Jun-20	12.1	
19-May-20	26-Jun-20	29-Jun-20	5.4	
25-May-20	26-Jun-20	29-Jun-20	16.6	
31-May-20	26-Jun-20	29-Jun-20	3.7	
6-Jun-20	26-Jun-20	29-Jun-20	11.6	
12-Jun-20	26-Jun-20	29-Jun-20	5.7	
18-Jun-20	20-Jul-20	20-Jul-20	10.0	
24-Jun-20	20-Jul-20	20-Jul-20	9.4	
30-Jun-20	20-Jul-20	20-Jul-20	6.9	
6-Jul-20	20-Jul-20	27-Aug-20	6.9	
12-Jul-20	18-Aug-20	27-Aug-20	12.6	
18-Jul-20	18-Aug-20	27-Aug-20	8.4	
24-Jul-20	18-Aug-20	27-Aug-20	5.0	
30-Jul-20	18-Aug-20	27-Aug-20	10.8	
5-Aug-20	11-Sep-20	9-Oct-20	21.5	
11-Aug-20	11-Sep-20	9-Oct-20	12.7	
17-Aug-20	11-Sep-20	9-Oct-20	20.0	
23-Aug-20	11-Sep-20	9-Oct-20	24.5	
29-Aug-20	11-Sep-20	9-Oct-20	19.3	
4-Sep-20	19-Oct-20	22-Oct-20	16.4	
10-Sep-20	19-Oct-20	22-Oct-20	10.8	
16-Sep-20	19-Oct-20	22-Oct-20	16.0	
22-Sep-20	19-Oct-20	22-Oct-20	32.6	
28-Sep-20	19-Oct-20	22-Oct-20	12.8	
4-Oct-20	19-Oct-20	22-Oct-20	14.6	
10-Oct-20	17-Nov-20	19-Nov-20	20.1	
16-Oct-20	17-Nov-20	19-Nov-20	17.1	
22-Oct-20	17-Nov-20	19-Nov-20	9.3	
28-Oct-20	17-Nov-20	19-Nov-20	9.3	
3-Nov-20	17-Nov-20	19-Nov-20	15.2	
9-Nov-20	11-Dec-20	18-Dec-20	11.8	
15-Nov-20	11-Dec-20	18-Dec-20	15.2	
21-Nov-20	11-Dec-20	18-Dec-20	12.2	
27-Nov-20	11-Dec-20	18-Dec-20	7.8	
3-Dec-20	14-Jan-21	20-Jan-21	7.8	
9-Dec-20	14-Jan-21	20-Jan-21	18.1	

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15-Dec-20	14-Jan-21	20-Jan-21	16.1	
21-Dec-20	14-Jan-21	20-Jan-21	10.6	
27-Dec-20	14-Jan-21	20-Jan-21	4.1	
2-Jan-21	14-Jan-21	20-Jan-21	7.8	
8-Jan-21	12-Feb-21	26-Feb-21	29.4	
14-Jan-21	12-Feb-21	26-Feb-21	11.5	
20-Jan-21	12-Feb-21	26-Feb-21	11.6	
26-Jan-21	26-Feb-21	26-Feb-21	25.9	
1-Feb-21	15-Mar-21	8-Apr-21	17.9	Sample paper went two cycles
7-Feb-21	15-Mar-21	8-Apr-21	17.9	
13-Feb-21	15-Mar-21	8-Apr-21	13.4	
19-Feb-21	15-Mar-21	8-Apr-21	20.1	
25-Feb-21	15-Mar-21	8-Apr-21	20.1	Sample paper went two cycles
3-Mar-21	20-Apr-21	22-Apr-21	23.8	
9-Mar-21	20-Apr-21	22-Apr-21	9.5	
15-Mar-21	20-Apr-21	22-Apr-21	10.3	Sample paper went two cycles
21-Mar-21	20-Apr-21	22-Apr-21	10.3	
27-Mar-21	20-Apr-21	22-Apr-21	13.4	
2-Apr-21	20-Apr-21	22-Apr-21	14.6	
8-Apr-21	21-May-21	2-Jun-21	7.5	
14-Apr-21	21-May-21	2-Jun-21	10.7	
20-Apr-21	21-May-21	2-Jun-21	9.9	
26-Apr-21	21-May-21	2-Jun-21	9.9	
2-May-21	21-May-21	2-Jun-21	10.7	
8-May-21	5-Jul-21	30-Jul-21	11.0	
14-May-21	5-Jul-21	30-Jul-21	9.5	
20-May-21	5-Jul-21	30-Jul-21	13.3	
26-May-21	5-Jul-21	30-Jul-21	6.3	
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	

**Sampling Point:** Monitoring Point 3 - Ambient Air Monitoring  
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 Limits Not Applicable  
 Comments Laboratory Analysis



Date Sample Collected	Date Received	Date Published	Results (ug/m <sup>3</sup> )	Notes
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
28-Jun-22	NR	29-Jun-22	N/A	Sampler flood effected new unit on order
13-Jul-22	NR	13-Jul-22	N/A	New sampler installed on 6/7, no power available
27-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	

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Date Sample Collected	Date Received	Date Published	Results (ug/m <sup>3</sup> )	Notes
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	
5-Mar-23	13-Apr-23	19-Apr-23	11.6	
11-Mar-23	13-Apr-23	19-Apr-23	16.0	
17-Mar-23	13-Apr-23	19-Apr-23	19.4	
23-Mar-23	13-Apr-23	19-Apr-23	20.2	
29-Mar-23	13-Apr-23	19-Apr-23	9.6	
4-Apr-23	9-May-23	17-May-23	8.8	
10-Apr-23	9-May-23	17-May-23	7.2	
16-Apr-23	9-May-23	17-May-23	7.3	
22-Apr-23	9-May-23	17-May-23	9.1	
28-Apr-23	9-May-23	17-May-23	8.7	
4-May-23	9-Jun-23	14-Jun-23	11.6	
10-May-23	9-Jun-23	14-Jun-23	11.6	
16-May-23	9-Jun-23	14-Jun-23	3.0	
22-May-23	9-Jun-23	14-Jun-23	16.5	
28-May-23	9-Jun-23	14-Jun-23	7.2	
3-Jun-23	6-Jul-23	28-Jun-23	10.6	
9-Jun-23	6-Jul-23	28-Jun-23	11.5	
15-Jun-23	6-Jul-23	28-Jun-23	11.8	
21-Jun-23	6-Jul-23	28-Jun-23	12.9	
27-Jun-23	6-Jul-23	28-Jun-23	20.2	
3-Jul-23	NR	26-Jul-23	N/A	
9-Jul-23	NR	26-Jul-23	N/A	
15-Jul-23	NR	26-Jul-23	N/A	
21-Jul-23	NR	26-Jul-23	N/A	
27-Jul-23	NR	9-Aug-23	N/A	
2-Aug-23	7-Sep-23	20-Sep-23	16.4	
8-Aug-23	7-Sep-23	20-Sep-23	6.0	
14-Aug-23	7-Sep-23	20-Sep-23	24.8	
20-Aug-23	7-Sep-23	20-Sep-23	30.2	
26-Aug-23	7-Sep-23	20-Sep-23	9.2	
1-Sep-23	9-Oct-23	18-Oct-23	11.8	
7-Sep-23	9-Oct-23	18-Oct-23	18.5	
13-Sep-23	9-Oct-23	18-Oct-23	12.7	
19-Sep-23	9-Oct-23	18-Oct-23	23.0	
25-Sep-23	9-Oct-23	18-Oct-23	9.3	
1-Oct-23	7-Nov-23	15-Nov-23	11.8	
7-Oct-23	7-Nov-23	15-Nov-23	10.6	
13-Oct-23	7-Nov-23	15-Nov-23	25.8	
19-Oct-23	7-Nov-23	15-Nov-23	19.4	
25-Oct-23	7-Nov-23	15-Nov-23	35.7	
31-Oct-23	14-Dec-23	27-Dec-23	57.9	
6-Nov-23	14-Dec-23	27-Dec-23	6.8	
12-Nov-23	14-Dec-23	27-Dec-23	5.9	
18-Nov-23	14-Dec-23	27-Dec-23	12.6	
24-Nov-23	14-Dec-23	27-Dec-23	9.4	
30-Nov-23	19-Jan-24	24-Jan-24	N/A	paper not removed (see 6/12/23 results - for 12 day cycle)
6-Dec-23	19-Jan-24	24-Jan-24	14.3	
12-Dec-23	19-Jan-24	24-Jan-24	24.9	
18-Dec-23	19-Jan-24	24-Jan-24	19.7	
24-Dec-23	19-Jan-24	24-Jan-24	7.5	



**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 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 <sup>3</sup> )	Notes
30-Dec-23	19-Jan-24	24-Jan-24	13.6	
5-Jan-24	19-Jan-24	24-Jan-24	11.8	
11-Jan-24	15-Feb-24	21-Feb-24	20.6	
17-Jan-24	15-Feb-24	21-Feb-24	12.1	
23-Jan-24	15-Feb-24	21-Feb-24	21.5	
29-Jan-24	15-Feb-24	21-Feb-24	22.9	
4-Feb-24	15-Mar-24	20-Mar-24	N/A	results not received
10-Feb-24	15-Mar-24	20-Mar-24	16.5	
16-Feb-24	15-Mar-24	20-Mar-24	11.0	
22-Feb-24	15-Mar-24	20-Mar-24	11.8	
28-Feb-24	15-Mar-24	20-Mar-24	16.4	
5-Mar-24	18-Apr-24	1-May-24	13.6	
11-Mar-24	18-Apr-24	1-May-24	16.6	
17-Mar-24	18-Apr-24	1-May-24	4.9	
23-Mar-24	18-Apr-24	1-May-24	11.7	
29-Mar-24	18-Apr-24	1-May-24	7.8	
4-Apr-24	NR	1-May-24	N/A	
10-Apr-24	NR	1-May-24	N/A	
16-Apr-24	NR	1-May-24	N/A	
28-Apr-24	NR	1-May-24	N/A	

**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 <sup>2</sup> /month)	Notes
3-Jan-19	10-Jan-19	18-Jan-19	1.88	Beetles/org.matter
5-Feb-19	25-Feb-19	29-Mar-19	1.31	Yellow/org.matter
7-Mar-19	13-Mar-19	29-Mar-19	1.89	Mosquitoes
9-Apr-19	15-Apr-19	30-Apr-19	1.20	
8-May-19	15-May-19	15-May-19	1.17	Org.matter
7-Jun-19	15-Jun-19	18-Jun-19	0.85	Org.matter
9-Jul-19	12-Jul-19	23-Jul-19	0.26	
8-Aug-19	16-Aug-19	22-Aug-19	1.69	Fine and large org.matter
5-Sep-19	11-Sep-19	23-Sep-19	1.07	Ash, fine org.matter
10-Oct-19	15-Oct-19	29-Oct-19	1.60	Ants, fine org.matter
6-Nov-19	13-Nov-19	28-Nov-19	2.67	Fine org.matter
6-Dec-19	13-Dec-19	23-Jan-20	4.39	Fine org.matter, cloudy
3-Jan-20	16-Jan-20	23-Jan-20	1.62	Fine org.matter
4-Feb-20	10-Feb-20	6-Mar-20	2.85	Fine organic matter observed
3-Mar-20	16-Mar-20	1-Apr-20	0.24	Fine organic matter present
3-Apr-20	9-Apr-20	30-Apr-20	0.37	
5-May-20	18-May-20	29-May-20	0.46	
3-Jun-20	5-Jun-20	29-Jun-20	0.51	
2-Jul-20	10-Jul-20	20-Jul-20	0.74	
4-Aug-20	13-Aug-20	27-Aug-20	0.82	
2-Sep-20	14-Sep-20	25-Sep-20	1.50	
2-Oct-20	15-Oct-20	22-Oct-20	1.07	
2-Nov-20	10-Nov-20	19-Nov-20	0.14	
4-Dec-20	14-Dec-20	18-Dec-20	0.66	
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	

**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 <sup>2</sup> /month)	Notes
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	
3-Apr-23	14-Apr-23	3-May-23	0.34	
8-May-23	12-May-23	31-May-23	0.28	
13-Jun-23	19-Jun-23	28-Jun-23	0.02	36 days exposure due to delivery delays
10-Jul-23	17-Jul-23	26-Jul-23	0.50	
7-Aug-23	15-Aug-23	23-Aug-23	0.66	
5-Sep-23	11-Sep-23	5-Oct-23	0.33	
4-Oct-23	19-Oct-23	1-Nov-23	1.08	
6-Nov-23	14-Nov-23	16-Nov-23	6.91	
5-Dec-23	13-Dec-23	10-Jan-24	0.67	
8-Jan-24	12-Jan-24	24-Jan-24	0.32	
5-Feb-24	9-Feb-24	21-Feb-24	0.15	
4-Mar-24	8-Mar-24	20-Mar-24	0.28	
8-Apr-24	12-Mar-24	17-Apr-24	0.59	

**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 <sup>2</sup> /month)	Notes
3-Jan-19	10-Jan-19	18-Jan-19	1.13	Org.matter
5-Feb-19	25-Feb-19	29-Mar-19	1.08	Org.matter
7-Mar-19	13-Mar-19	29-Mar-19	2.28	
9-Apr-19	15-Apr-19	30-Apr-19	1.81	
8-May-19	15-May-19	15-May-19	0.40	Org.matter
7-Jun-19	15-Jun-19	18-Jun-19	0.68	Org.matter
9-Jul-19	12-Jul-19	23-Jul-19	0.83	
8-Aug-19	16-Aug-19	22-Aug-19	1.70	Large org.matter
5-Sep-19	11-Sep-19	23-Sep-19	0.87	Fine org.matter
10-Oct-19	15-Oct-19	29-Oct-19	1.80	org.matter
6-Nov-19	13-Nov-19	28-Nov-19	1.70	Fine org.matter
6-Dec-19	13-Dec-19	23-Jan-20	4.05	Fine org.matter, cloudy
3-Jan-20	16-Jan-20	23-Jan-20	1.59	Fine org.matter
4-Feb-20	10-Feb-20	6-Mar-20	2.90	Fine organic matter observed
3-Mar-20	16-Mar-20	1-Apr-20	0.24	Fine organic matter present
3-Apr-20	9-Apr-20	30-Apr-20	0.20	
5-May-20	18-May-20	29-May-20	0.65	
3-Jun-20	5-Jun-20	29-Jun-20	1.18	
2-Jul-20	10-Jul-20	20-Jul-20	1.00	
4-Aug-20	13-Aug-20	27-Aug-20	1.85	
2-Sep-20	14-Sep-20	25-Sep-20	2.90	
2-Oct-20	15-Oct-20	22-Oct-20	0.23	
2-Nov-20	10-Nov-20	19-Nov-20	0.29	
4-Dec-20	14-Dec-20	18-Dec-20	0.75	
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
01-Mar-22	NR	NR	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	0.23	
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	
3-Apr-23	14-Apr-23	3-May-23	0.36	
8-May-23	12-May-23	31-May-23	0.55	
13-Jun-23	19-Jun-23	28-Jun-23	0.13	36 days exposure due to delivery delays
10-Jul-23	17-Jul-23	26-Jul-23	0.85	
7-Aug-23	15-Aug-23	23-Aug-23	1.24	
5-Sep-23	11-Sep-23	5-Oct-23	0.90	
4-Oct-23	19-Oct-23	1-Nov-23	4.20	
6-Nov-23	14-Nov-23	16-Nov-23	9.89	
5-Dec-23	13-Dec-23	10-Jan-24	0.54	
8-Jan-24	12-Jan-24	24-Jan-24	1.06	
5-Feb-24	9-Feb-24	21-Feb-24	0.16	
4-Mar-24	8-Mar-24	20-Mar-24	0.48	
8-Apr-24	12-Mar-24	17-Apr-24	0.51	

**Sampling Point: Monitoring Point 5 - Ambient Air Monitoring**

Licencee

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 <sup>2</sup> /month)	Notes
3-Jan-19	10-Jan-19	18-Jan-19	2.62	Org.matter
5-Feb-19	25-Feb-19	29-Mar-19	3.23	Brown/Org.matter
7-Mar-19	13-Mar-19	29-Mar-19	3.46	
9-Apr-19	15-Apr-19	30-Apr-19	1.28	
8-May-19	15-May-19	15-May-19	1.04	Org.matter
7-Jun-19	15-Jun-19	18-Jun-19	1.15	Org.matter
9-Jul-19	12-Jul-19	23-Jul-19	0.52	
8-Aug-19	16-Aug-19	22-Aug-19	1.44	Large Org.matter, cloudy
5-Sep-19	11-Sep-19	23-Sep-19	1.17	Fine Org.matter
10-Oct-19	15-Oct-19	29-Oct-19	2.10	Ants, cloudy, fine Org.matter
6-Nov-19	13-Nov-19	28-Nov-19	4.22	Fine org.matter
6-Dec-19	13-Dec-19	23-Jan-20	4.08	Fine org.matter, cloudy
3-Jan-20	16-Jan-20	23-Jan-20	4.41	Fine org.matter
4-Feb-20	10-Feb-20	6-Mar-20	1.00	Fine organic matter observed
3-Mar-20	16-Mar-20	1-Apr-20	0.19	Fine organic matter present
3-Apr-20	9-Apr-20	30-Apr-20	1.06	
5-May-20	18-May-20	29-May-20	1.96	
3-Jun-20	5-Jun-20	29-Jun-20	1.55	
2-Jul-20	10-Jul-20	20-Jul-20	1.03	
4-Aug-20	13-Aug-20	27-Aug-20	1.79	
2-Sep-20	14-Sep-20	25-Sep-20	2.60	
2-Oct-20	15-Oct-20	22-Oct-20	0.76	
2-Nov-20	10-Nov-20	19-Nov-20	0.80	
4-Dec-20	14-Dec-20	18-Dec-20	2.59	Cloudy
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
01-Mar-22	NR	NR	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	0.17	
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	
3-Apr-23	14-Apr-23	3-May-23	1.23	
8-May-23	12-May-23	31-May-23	1.00	
13-Jun-23	19-Jun-23	28-Jun-23	0.02	36 days exposure due to delivery delays
10-Jul-23	17-Jul-23	26-Jul-23	0.81	
7-Aug-23	15-Aug-23	23-Aug-23	0.92	
5-Sep-23	11-Sep-23	5-Oct-23	0.36	
4-Oct-23	19-Oct-23	1-Nov-23	1.64	
6-Nov-23	14-Nov-23	16-Nov-23	7.18	
5-Dec-23	13-Dec-23	10-Jan-24	1.77	
8-Jan-24	12-Jan-24	24-Jan-24	1.10	
5-Feb-24	9-Feb-24	21-Feb-24	0.60	
4-Mar-24	8-Mar-24	20-Mar-24	0.44	
8-Apr-24	12-Mar-24	17-Apr-24	0.71	

**Monitoring Point 7 - O<sub>2</sub> 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	
14-Jan-19	27-Jan-19	29-Mar-19	No Data	No Data	No Data	Boiler Not Operating
28-Jan-19	10-Feb-19	29-Mar-19	No Data	No Data	No Data	Boiler Not Operating
11-Feb-19	24-Feb-19	29-Mar-19	No Data	No Data	No Data	Boiler Not Operating
25-Feb-19	10-Mar-19	29-Mar-19	No Data	No Data	No Data	Boiler Not Operating
11-Mar-19	24-Mar-19	30-Apr-19	No Data	No Data	No Data	Boiler Not Operating
25-Mar-19	7-Apr-19	30-Apr-19	No Data	No Data	No Data	Boiler Not Operating
8-Apr-19	21-Apr-19	15-Apr-19	No Data	No Data	No Data	Boiler Not Operating
22-Apr-19	5-May-19	15-Apr-19	No Data	No Data	No Data	Boiler Not Operating
6-May-19	19-May-19	18-Jun-19	No Data	No Data	No Data	Boiler Not Operating
20-May-19	2-Jun-19	18-Jun-19	No Data	No Data	No Data	Boiler Not Operating
3-Jun-19	16-Jun-19	23-Jul-19	No Data	No Data	No Data	Boiler Not Operating
17-Jun-19	30-Jun-19	23-Jul-19	No Data	No Data	No Data	Boiler Not Operating
1-Jul-19	14-Jul-19	22-Aug-19	No Data	No Data	No Data	Boiler Not Operating
15-Jul-19	28-Jul-19	22-Aug-19	0.02	21.00	10.17	Boiler Started 17-07-19
29-Jul-19	11-Aug-19	23-Sep-19	0.49	21.00	12.82	
12-Aug-19	25-Aug-19	23-Sep-19	0.00	21.00	6.22	
26-Aug-19	8-Sep-19	29-Oct-19	0.03	21.00	6.01	
9-Sep-19	22-Sep-19	29-Oct-19	0.00	8.97	7.14	
23-Sep-19	6-Oct-19	29-Oct-19	3.57	9.58	7.73	
7-Oct-19	20-Oct-19	28-Nov-19	0.00	21.00	0.29	Instrument fault during this time
21-Oct-19	3-Nov-19	28-Nov-19	0.00	21.00	9.11	
4-Nov-19	17-Nov-19	28-Nov-19	0.00	21.00	11.28	
18-Nov-19	1-Dec-19	23-Jan-20	3.70	21.00	14.69	Boiler Shutdown 23-11-19
2-Dec-19	15-Dec-19	23-Jan-20	No Data	No Data	No Data	Boiler Not Operating
16-Dec-19	29-Dec-19	23-Jan-20	No Data	No Data	No Data	Boiler Not Operating
30-Dec-19	12-Jan-20	23-Jan-20	No Data	No Data	No Data	Boiler Not Operating
13-Jan-20	26-Jan-20	6-Mar-20	No Data	No Data	No Data	Boiler Not Operating
27-Jan-20	9-Feb-20	6-Mar-20	No Data	No Data	No Data	Boiler Not Operating
10-Feb-20	23-Feb-20	1-Apr-20	No Data	No Data	No Data	Boiler Not Operating
24-Feb-20	8-Mar-20	1-Apr-20	No Data	No Data	No Data	Boiler Not Operating
9-Mar-20	22-Mar-20	30-Apr-20	No Data	No Data	No Data	Boiler Not Operating
23-Mar-20	5-Apr-20	30-Apr-20	No Data	No Data	No Data	Boiler Not Operating
6-Apr-20	19-Apr-20	29-May-20	No Data	No Data	No Data	Boiler Not Operating
20-Apr-20	3-May-20	29-May-20	No Data	No Data	No Data	Boiler Not Operating
4-May-20	17-May-20	29-Jun-20	No Data	No Data	No Data	Boiler Not Operating
18-May-20	31-May-20	29-Jun-20	No Data	No Data	No Data	Boiler Not Operating
1-Jun-20	14-Jun-20	29-Jun-20	No Data	No Data	No Data	Boiler Not Operating
15-Jun-20	28-Jun-20	20-Jul-20	0.02	21.00	19.78	Boiler Operational 23/06/20 to 29/06/20 only
29-Jun-20	12-Jul-20	20-Jul-20	2.61	21.00	15.16	Boiler Operational 30/06/20 to 2/07/20 only
13-Jul-20	26-Jul-20	30-Jul-20	3.31	21.00	10.45	Boiler Operational 14/07/2020
27-Jul-20	9-Aug-20	13-Aug-20	0.00	21.00	10.39	Boiler Not Operational 28/07/20 to 30/07/20
10-Aug-20	23-Aug-20	27-Aug-20	0.00	21.00	11.40	Boiler Offline 18/08/20 to 22/08/20
24-Aug-20	6-Sep-20	10-Sep-20	1.45	21.00	10.21	
7-Sep-20	20-Sep-20	25-Sep-20	0.03	21.00	10.68	Boiler Offline on 12/09/20 to 14/09/20
21-Sep-20	4-Oct-20	9-Oct-20	0.02	21.00	9.05	
5-Oct-20	18-Oct-20	22-Oct-20	5.35	21.00	12.11	Boiler Offline 14/10/20
19-Oct-20	1-Nov-20	5-Nov-20	0.00	10.36	21.00	
2-Nov-20	15-Nov-20	19-Nov-20	5.26	21.00	9.66	
16-Nov-20	29-Nov-20	3-Dec-20	4.84	21.00	11.08	Boiler Shutdown 20/11/20
30-Nov-20	13-Dec-20	18-Dec-20	No Data	No Data	No Data	Boiler Not Operating
14-Dec-20	27-Dec-20	05-Jan-21	No Data	No Data	No Data	Boiler Not Operating
28-Dec-20	10-Jan-21	20-Jan-21	No Data	No Data	No Data	Boiler Not Operating
11-Jan-21	24-Jan-21	29-Jan-21	No Data	No Data	No Data	Boiler Not Operating
25-Jan-21	7-Feb-21	10-Feb-21	No Data	No Data	No Data	Boiler Not Operating
8-Feb-21	21-Feb-21	26-Feb-21	No Data	No Data	No Data	Boiler Not Operating
22-Feb-21	7-Mar-21	12-Mar-21	No Data	No Data	No Data	Boiler Not Operating
8-Mar-21	21-Mar-21	8-Apr-21	No Data	No Data	No Data	Boiler Not Operating
22-Mar-21	4-Apr-21	8-Apr-21	No Data	No Data	No Data	Boiler Not Operating
5-Apr-21	18-Apr-21	22-Apr-21	No Data	No Data	No Data	Boiler Not Operating
19-Apr-21	2-May-21	6-May-21	No Data	No Data	No Data	Boiler Not Operating
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	No Data	No Data	No Data	Boiler Not Operating
31-May-21	13-Jun-21	17-Jun-21	0.00	20.58	19.22	Boiler Operational 7/6/2021
14-Jun-21	27-Jun-21	2-Jul-21	0.00	17.72	14.37	
28-Jun-21	11-Jul-21	16-Jul-21	0.00	21.00	13.02	
12-Jul-21	25-Jul-21	30-Jul-21	1.94	21.00	8.07	
26-Jul-21	8-Aug-21	13-Aug-21	0.00	21.00	11.09	
9-Aug-21	22-Aug-21	27-Aug-21	0.00	21.00	8.45	
23-Aug-21	5-Sep-21	9-Sep-21	0.00	21.00	10.67	Boiler offline 29 and 30/08/2021
6-Sep-21	19-Sep-21	23-Sep-21	3.55	21.00	11.44	
20-Sep-21	3-Oct-21	8-Oct-21	2.77	21.00	10.06	
4-Oct-21	17-Oct-21	22-Oct-21	3.73	21.00	12.11	Boiler offline from 9/10-10/10 then 14/10 -17/10
18-Oct-21	31-Oct-21	5-Nov-21	2.81	21.00	10.58	Boiler offline 18/10/21 to 24/10/21
1-Nov-21	14-Nov-21	9-Dec-21	3.43	21.00	9.97	Boiler Shutdown 9/11/2021
15-Nov-21	28-Nov-21	9-Dec-21	No Data	No Data	No Data	Boiler Not Operating
29-Nov-21	12-Dec-21	15-Dec-21	No Data	No Data	No Data	Boiler Not Operating
13-Dec-21	26-Dec-21	22-Dec-21	No Data	No Data	No Data	Boiler Not Operating
27-Dec-21	9-Jan-22	14-Jan-22	No Data	No Data	No Data	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



**Sampling Point: Monitoring Point 7 - O<sub>2</sub> 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	
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	Boiler offline 23/1/23
26-Jun-23	9-Jul-23	9-Aug-23	0.02	21.00	20.07	Boiler start-up 4/7/23; boiler offline 4/7/23, 5/7/23, 6/7/23, 7/7/23
10-Jul-23	23-Jul-23	9-Aug-23	0.02	21.00	12.37	Boiler offline 10/7/23 - 22/7/23
24-Jul-23	6-Aug-23	9-Aug-23	0.02	21.0	12.36	Boiler offline 5/8/23 - 8/8/23
7-Aug-23	20-Aug-23	23-Aug-23	0.02	21.0	14.12	Boiler offline 11/8/23 - 15/8/23, 20/8/23
21-Aug-23	3-Sep-23	6-Sep-23	0.02	21.0	13.71	Boiler offline 25/8/23 - 27/8/23, 2/8/23 - 4/8/23
4-Sep-23	17-Sep-23	20-Sep-23	0.00	21.0	14.71	Boiler offline 9/9/23 - 11/9/23, 15/9/23 - 17/9/23
18-Sep-23	1-Oct-23	5-Oct-23	0.00	21.0	13.87	Boiler offline 23/9/23 - 24/9/23, 30/9/23 - 2/10/23
2-Oct-23	15-Oct-23	18-Oct-23	0.02	21.0	17.63	Boiler offline 2/10/23, 7/10/23, 8/10/23, 14/10/23,
16-Oct-23	29-Oct-23	1-Nov-23	0.02	21.0	15.30	Boiler offline 19/10/23 - 23/10/23, 27/10/23 - 31/10/23
30-Oct-23	12-Nov-23	16-Nov-23	0.31	21.0	19.82	Boiler offline 1/11/23 - 16/11/23

**Sampling Point: Monitoring Point 6 - O<sub>2</sub> 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 (%)			
Date Start	Date Finish	Date Published	Minimum Value	Mean Value	Maximum Value	Notes
						Boiler Shutdown Period
14-Jan-19	27-Jan-19	29-Mar-19	0.00	7.68	21.20	
28-Jan-19	10-Feb-19	29-Mar-19	0.02	7.61	21.10	
11-Feb-19	24-Feb-19	29-Mar-19	1.30	7.04	21.00	
25-Feb-19	10-Mar-19	29-Mar-19	3.80	6.09	9.10	
11-Mar-19	24-Mar-19	30-Apr-19	0.00	7.77	21.10	Plant Shutdown 24-03-19 to 14-04-19
25-Mar-19	7-Apr-19	30-Apr-19	n/a	n/a	n/a	
8-Apr-19	21-Apr-19	15-Apr-19	4.10	6.92	21.90	
22-Apr-19	5-May-19	15-Apr-19	1.60	6.58	21.20	
6-May-19	19-May-19	18-Jun-19	2.10	5.65	21.00	
20-May-19	2-Jun-19	18-Jun-19	2.70	15.06	21.40	
3-Jun-19	16-Jun-19	23-Jul-19	0.00	8.62	21.50	
17-Jun-19	30-Jun-19	23-Jul-19	2.70	10.15	21.40	
1-Jul-19	14-Jul-19	22-Aug-19	0.60	5.22	11.50	
15-Jul-19	28-Jul-19	22-Aug-19	0.40	9.44	21.40	
29-Jul-19	11-Aug-19	23-Sep-19	0.00	6.58	21.30	
12-Aug-19	25-Aug-19	23-Sep-19	0.00	6.25	21.30	
26-Aug-19	8-Sep-19	23-Sep-19	0.00	5.37	21.40	
9-Sep-19	22-Sep-19	29-Oct-19	0.10	5.25	21.10	
23-Sep-19	6-Oct-19	29-Oct-19	2.30	4.44	12.10	
7-Oct-19	20-Oct-19	28-Nov-19	0.80	5.64	21.30	
21-Oct-19	3-Nov-19	28-Nov-19	1.50	4.87	12.30	
4-Nov-19	17-Nov-19	23-Jan-20	2.40	5.37	21.30	
18-Nov-19	1-Dec-19	23-Jan-20	0.60	10.13	21.30	
2-Dec-19	15-Dec-19	23-Jan-20	0.00	9.82	21.30	
16-Dec-19	29-Dec-19	23-Jan-20	0.00	10.17	21.10	
30-Dec-19	12-Jan-20	23-Jan-20	3.40	12.77	21.30	
13-Jan-20	26-Jan-20	6-Mar-20	0.00	11.11	21.20	
27-Jan-20	9-Feb-20	6-Mar-20	0.00	9.77	21.40	
10-Feb-20	23-Feb-20	1-Apr-20	3.20	6.71	20.00	
24-Feb-20	8-Mar-20	1-Apr-20	0.00	6.74	21.20	
9-Mar-20	22-Mar-20	30-Apr-20	1.50	8.47	21.30	
23-Mar-20	5-Apr-20	30-Apr-20	2.20	8.47	21.30	
6-Apr-20	19-Apr-20	29-May-20	0.00	15.27	21.60	Boiler Offline 6/04/20 to 9/04/20
20-Apr-20	3-May-20	29-May-20	4.20	11.70	21.40	
4-May-20	17-May-20	29-Jun-20	3.90	10.92	21.40	
18-May-20	31-May-20	29-Jun-20	2.20	6.41	11.60	
1-Jun-20	14-Jun-20	29-Jun-20	0.00	10.30	21.30	
15-Jun-20	28-Jun-20	20-Jul-20	0.00	5.74	12.70	
29-Jun-20	12-Jul-20	24-Jul-20	0.10	4.71	21.00	
13-Jul-20	26-Jul-20	30-Jul-20	0.00	5.09	21.30	
27-Jul-20	9-Aug-20	13-Aug-20	0.00	7.77	21.30	
10-Aug-20	23-Aug-20	27-Aug-20	0.00	4.93	21.20	Boiler Offline 18/08/20 to 22/08/20
24-Aug-20	6-Sep-20	10-Sep-20	1.20	3.73	11.90	

**Sampling Point: Monitoring Point 6 - O<sub>2</sub> 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	
7-Sep-20	20-Sep-20	25-Sep-20	0.00	4.08	11.20	
21-Sep-20	4-Oct-20	9-Oct-20	0.00	4.10	21.10	
5-Oct-20	18-Oct-20	22-Oct-20	1.70	4.62	21.10	
19-Oct-20	1-Nov-20	5-Nov-20	0.00	4.78	21.00	
2-Nov-20	15-Nov-20	19-Nov-20	1.90	4.14	21.00	
16-Nov-20	29-Nov-20	3-Dec-20	0.30	5.49	16.50	
30-Nov-20	13-Dec-20	18-Dec-20	0.00	10.59	21.20	Boiler Shutdown 5/12/20
14-Dec-20	27-Dec-20	05-Jan-21	21.40	21.44	21.90	Boiler Online 24/12/20 only
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

**Sampling Point: Monitoring Point 6 - O<sub>2</sub> 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	
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	

**Sampling Point: Monitoring Point 6 - O<sub>2</sub> 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 (%)			
Date Start	Date Finish	Date Published	Minimum Value	Mean Value	Maximum Value	Notes
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	21.0	
28-Nov-22	11-Dec-22	14-Dec-22	0.00	4.44	21.4	
12-Dec-22	25-Dec-22	25-Jan-23	0.10	4.87	13.1	
26-Dec-22	8-Jan-23	25-Jan-23	0.00	5.10	20.2	
9-Jan-23	22-Jan-23	25-Jan-23	1.50	3.97	9.5	
23-Jan-23	5-Feb-23	8-Feb-23	-1.30	8.22	21.3	
6-Feb-23	19-Feb-23	22-Feb-23	2.10	9.08	21.2	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	21.2	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	21.4	Boiler offline 06/03/2023, 11/03/2023, 12/03/2023, 18/03/2023, 19/03/2023
20-Mar-23	2-Apr-23	5-Apr-23	-1.20	9.39	21.4	Boiler offline 20/03/2023, 22/03/2023, 25/03/2023, 1/04/2023, 2/04/2023
3-Apr-23	16-Apr-23	19-Apr-23	2.50	14.11	21.4	Boiler offline 8/4/23, 9/4/23, 10/4/23, 11/4/23, 12/4/23, 13/4/23, 14/4/23, 15/4/23, 16/4/23 shutdown maintenance
17-Apr-23	30-Apr-23	3-May-23	1.40	9.91	21.3	Boiler offline 22/4/23, 23/4/23, 27/4/23, 28/4/23, 29/4/23
1-May-23	14-May-23	17-May-23	1.20	8.50	21.2	Boiler offline 6/5/23, 7/5/23, 9/5/23, 10/5/23, 13/5/23, 14/5/23
15-May-23	28-May-23	31-May-23	-0.60	10.98	21.4	Boiler offline 16/5/23, 17/5/23, 19/5/23, 20/5/23, 21/5/23, 22/5/23, 28/5/23
29-May-23	11-Jun-23	14-Jun-23	2.70	9.67	21.3	Boiler offline 3/6/23, 4/6/23, 10/6/23, 11/6/23
12-Jun-23	25-Jun-23	28-Jun-23	2.40	12.79	21.4	Boiler offline 12/6/23, 13/6/23, 17/6/23, 18/6/23, 19/6/23, 23/6/23, 24/6/23, 25/6/23
26-Jun-23	9-Jul-23	12-Jul-23	0.00	10.18	21.4	Boiler offline 26/6/23, 29/6/23, 30/6/23, 1/7/23, 2/7/23, 6/7/23, 8/7/23, 9/7/23
10-Jul-23	23-Jul-23	26-Jul-23	0.20	3.93	20.9	Boiler offline 22/7/23
24-Jul-23	6-Aug-23	9-Aug-23	0.00	5.89	21.3	Boiler offline 30/7/23, 31/7/23, 5/8/23, 6/8/23

**Sampling Point: Monitoring Point 6 - O<sub>2</sub> 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	
7-Aug-23	20-Aug-23	23-Aug-23	0.00	7.28	21.3	Boiler offline 7/8/23, 12/8/23, 13/8/23, 19/8/23, 20/8/23
21-Aug-23	3-Sep-23	6-Sep-23	0.00	6.62	21.3	Boiler offline 21/8/23, 26/8/23, 27/8/23, 3/9/23
4-Sep-23	17-Sep-23	20-Sep-23	0.00	4.99	21.2	Boiler offline 10/9/23, 11/9/23, 17/9/23
18-Sep-23	1-Oct-23	5-Oct-23	0.00	4.98	21.2	Boiler offline 28/9/23, 1/10/23
2-Oct-23	15-Oct-23	18-Oct-23	0.20	7.53	21.3	Boiler offline 2/10/23, 7/10/23, 8/10/23, 14/10/23, 15/10/23
16-Oct-23	29-Oct-23	1-Nov-23	0.00	7.32	21.3	Boiler offline 19/10/23 - 22/10/23, 28/10/23, 29/10/23
30-Oct-23	12-Nov-23	16-Nov-23	0.10	7.73	21.2	Boiler offline 4/11/23, 5/11/23, 7/11/23, 12/11/23
13-Nov-23	26-Nov-23	30-Nov-23	0.00	11.69	21.5	Boiler offline 13/11/23 - 17/11/23, 20/11/23, 25/11/23
27-Nov-23	10-Dec-23	13-Dec-23	0.00	8.81	21.3	Boiler offline 1/12/23 - 4/12/23
11-Dec-23	24-Dec-23	27-Dec-23	2.10	11.12	21.5	Boiler offline 21/12/23
25-Dec-23	7-Jan-24	10-Jan-24	1.00	16.77	21.8	Boiler offline 25/12/23 - 2/1/24, 5/1/24 - 7/1/24
8-Jan-24	21-Jan-24	24-Jan-24	3.00	8.75	21.2	Boiler offline 8/1/24, 12/1/24 - 14/1/24, 19/1/24 - 21/1/24
22-Jan-24	4-Feb-24	7-Feb-24	3.30	11.59	21.3	Boiler offline 22/1, 26/1-29/1, 31/1-4/2
5-Feb-24	18-Feb-24	21-Feb-24	2.30	8.76	21.2	Boiler offline 9/2 - 12/2, 16/2 - 18/2
19-Feb-24	3-Mar-24	6-Mar-24	1.40	9.43	21.4	Boiler offline 19/2, 23/2-27/2, 2/3-3/3
4-Mar-24	17-Mar-24	20-Mar-24	2.90	8.65	21.2	Boiler offline 4/3, 9/3-11/3, 15/3-17/3
18-Mar-24	31-Mar-24	3-Apr-24	2.00	11.18	21.2	Boiler offline 18/3, 19/3, 23/3 - 25/3, 28/3 - 31/3
1-Apr-24	14-Apr-24	17-Apr-24	0.00	21.35	21.6	Plant shutdown from 28/3 - 15/4
15-Apr-24	28-Apr-24	1-May-24	2.50	6.08	21.5	Boiler offline 15/4, 27/4, 28/4

**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:** See Table  
**Comments:** No result may exceed the maximum limit.



			Temperature (°C)			Volume (kL/day)			
MONITORING PERIOD			Limit/s	Maximum	41	Limit/s	Maximum	155520	
Date Start	Date Finish	Date Published	Min Temp	Mean Temp	Max Temp	Minimum Daily Discharge	Mean Daily Discharge	Maximum Daily Discharge	Notes
31-Dec-18	13-Jan-19	29-Mar-19	28	38	41	58541	128499	137184	
14-Jan-19	27-Jan-19	29-Mar-19	28	38	41	136136	137053	137184	41.1 degrees recorded for 6 minutes due to a 4-way valve change
28-Jan-19	10-Feb-19	29-Mar-19	26	38	41	136041	137033	137184	
11-Feb-19	24-Feb-19	29-Mar-19	29	20	37	41	137128	137184	
25-Feb-19	10-Mar-19	30-Apr-19	20	37	41	84883	130380	137184	Plant shutdown 24-03-19 to 14-04-19
11-Mar-19	24-Mar-19	30-Apr-19	21	25	28	62400	99792	137184	Cooling water shutdown 26-03-19 - 14-04-19
25-Mar-19	7-Apr-19	15-Apr-19	22	35	40	69402	124841	137184	
8-Apr-19	21-Apr-19	15-Apr-19	22	33	39	136517	137128	137184	
22-Apr-19	5-May-19	18-Jun-19	22	31	33	136946	137160	137184	
6-May-19	19-May-19	18-Jun-19	15	24	33	36106	111072	137184	
20-May-19	2-Jun-19	23-Jul-19	9	26	34	25865	121342	137184	
3-Jun-19	16-Jun-19	23-Jul-19	18	27	36	68592	126546	137184	
17-Jun-19	30-Jun-19	22-Aug-19	22	27	34	136041	136934	137184	
1-Jul-19	14-Jul-19	22-Aug-19	15	25	34	68592	126447	137184	
15-Jul-19	28-Jul-19	23-Sep-19	16	25	31	127848	136041	137184	
29-Jul-19	11-Aug-19	23-Sep-19	16	25	34	113891	134794	137184	
12-Aug-19	25-Aug-19	23-Sep-19	19	28	35	89598	132036	137184	
26-Aug-19	8-Sep-19	29-Oct-19	20	28	37	133659	136267	137184	
9-Sep-19	22-Sep-19	29-Oct-19	23	32	39	129563	135310	137184	
23-Sep-19	6-Oct-19	28-Nov-19	22	32	38	133421	136446	137184	
7-Oct-19	20-Oct-19	28-Nov-19	28	34	39	135136	136926	137184	
21-Oct-19	3-Nov-19	23-Jan-20	24	33	40	126038	135037	137184	
4-Nov-19	17-Nov-19	23-Jan-20	22	32	40	19387	101264	137184	
18-Nov-19	1-Dec-19	23-Jan-20	24	35	38	37821	124557	137184	
2-Dec-19	15-Dec-19	23-Jan-20	26	35	39	102602	129154	137184	
16-Dec-19	29-Dec-19	23-Jan-20	26	34	40	68592	115932	137184	
30-Dec-19	12-Jan-20	6-Mar-20	25	35	41	71164	127983	137184	
13-Jan-20	26-Jan-20	6-Mar-20	23	37	41	68640	128427	137184	41.1°C Recorded 03/02/20 for 15 minutes
27-Jan-20	9-Feb-20	1-Apr-20	23	36	40	131420	136517	137184	
10-Feb-20	23-Feb-20	1-Apr-20	23	37	39	125371	136200	137184	
24-Feb-20	8-Mar-20	30-Apr-20	23	33	37	136470	137124	137184	
9-Mar-20	22-Mar-20	30-Apr-20	17	34	38	137184	137184	137184	
23-Mar-20	5-Apr-20	29-May-20	16	26	35	40250	92893	137184	
6-Apr-20	19-Apr-20	29-May-20	17	34	38	137184	137184	137184	
20-Apr-20	3-May-20	29-Jun-20	18	26	32	56160	120937	137184	
4-May-20	17-May-20	29-Jun-20	23	29	36	132849	136799	137184	
18-May-20	31-May-20	29-Jun-20	9	24	30	68592	121691	137184	
1-Jun-20	14-Jun-20	20-Jul-20	17	24	32	133850	136847	137184	
15-Jun-20	28-Jun-20	24-Jul-20	15	21	30	131230	136287	137184	
29-Jun-20	12-Jul-20	30-Jul-20	15	24	31	134326	136894	137184	
13-Jul-20	26-Jul-20	13-Aug-20	14	23	38	68592	123660	137184	
27-Jul-20	9-Aug-20	27-Aug-20	15	25	36	36678	118889	137184	
10-Aug-20	23-Aug-20	10-Sep-20	21	25	31	135231	136835	137184	
24-Aug-20	6-Sep-20	25-Sep-20	22	29	35	132564	136743	137184	
7-Sep-20	20-Sep-20	9-Oct-20	21	31	38	133469	136874	137184	
21-Sep-20	4-Oct-20	22-Oct-20	24	33	38	133850	136906	137184	
5-Oct-20	18-Oct-20	5-Nov-20	20	33	38	129277	136339	137184	
19-Oct-20	1-Nov-20	19-Nov-20	24	25	27	68640	127483	137184	
2-Nov-20	15-Nov-20	3-Dec-20	26	37	40	134612	136970	137184	
16-Nov-20	29-Nov-20	18-Dec-20	23	35	40	68592	119111	137184	Boiler Shutdown 5/12/20
30-Nov-20	13-Dec-20	05-Jan-21	26	26	26	85788	95957	106127	Boiler Online 24/12/20 only

**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:** Seet Table  
**Comments:** No result may exceed the maximum limit.



			Temperature (°C)			Volume (kL/day)			
MONITORING PERIOD			Limit/s	Maximum	41	Limit/s	Maximum	155520	
Date Start	Date Finish	Date Published	Min Temp	Mean Temp	Max Temp	Minimum Daily Discharge	Mean Daily Discharge	Maximum Daily Discharge	Notes
14-Dec-20	27-Dec-20	20-Jan-21	25	31	42.2	19482	98986	137184	Boiler Online 5/01/21, excursion on 5/01/21 due to turbine control fault for 30 minutes
28-Dec-20	10-Jan-21	29-Jan-21	23	36	39.5	124752	136148	137184	
11-Jan-21	24-Jan-21	10-Feb-21	27	36	39.6	135183	137017	137184	
25-Jan-21	7-Feb-21	26-Feb-21	24	35	39	68592	124958	137184	
8-Feb-21	21-Feb-21	12-Mar-21	24	35	39	119179	134203	137184	
22-Feb-21	7-Mar-21	8-Apr-21	22	32	37	68592	128459	137184	
8-Mar-21	21-Mar-21	8-Apr-21	21	30	36	137184	137184	137184	
22-Mar-21	4-Apr-21	22-Apr-21	21	30	34	135707	137061	137184	
5-Apr-21	18-Apr-21	6-May-21	19	28	33	137184	137184	137184	
19-Apr-21	2-May-21	20-May-21	No Data	No Data	No Data	No Data	No Data	No Data	Boiler Not Operating
3-May-21	16-May-21	2-Jun-21	17	30	33	43108	64138	68592	Boiler Offline 17/05/21 to 24/05/21
17-May-21	30-May-21	17-Jun-21	16	30	44.8	67544	68505	68592	Fault in the side stream flush valve - high temperature 11/06/21 for 13 minutes
31-May-21	13-Jun-21	2-Jul-21	22	29	39	68592	68592	68592	
14-Jun-21	27-Jun-21	16-Jul-21	15	25	33	66830	68445	68592	
28-Jun-21	11-Jul-21	30-Jul-21	21	29	35	68592	68592	68592	
12-Jul-21	25-Jul-21	13-Aug-21	16	26	36	68592	72895	85311	
26-Jul-21	8-Aug-21	27-Aug-21	18	27	32	73498	122378	137184	
9-Aug-21	22-Aug-21	9-Sep-21	17	27	33	135660	137025	137184	
23-Aug-21	5-Sep-21	23-Sep-21	19	28	35	132992	136815	137184	
6-Sep-21	19-Sep-21	8-Oct-21	21	30	37	134612	136767	137184	
20-Sep-21	3-Oct-21	22-Oct-21	21	30	38	133564	136863	137184	
4-Oct-21	17-Oct-21	5-Nov-21	22	32	39	133564	136882	137184	
18-Oct-21	31-Oct-21	23-Nov-21	22	32	39	133564	136882	137184	
1-Nov-21	14-Nov-21	9-Dec-21	20	29	38	50872	125913	137184	
15-Nov-21	28-Nov-21	15-Dec-21	22	29	35	68592	122501	137184	
29-Nov-21	12-Dec-21	14-Jan-22	29	35	39	134469	136843	137184	
13-Dec-21	26-Dec-21	14-Jan-22	24	29	37	68592	104869	137184	
27-Dec-21	9-Jan-22	28-Jan-22	22	31	40	68211	122565	137184	
10-Jan-22	23-Jan-22	11-Feb-22	22	30	38	68592	118551	137184	
24-Jan-22	6-Feb-22	25-Feb-22	24	31	37	116225	133477	137184	
7-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	



**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:** Seet Table  
**Comments:** No result may exceed the maximum limit.



			Temperature (°C)			Volume (kL/day)			
MONITORING PERIOD			Limit/s	Maximum	41	Limit/s	Maximum	155520	
Date Start	Date Finish	Date Published	Min Temp	Mean Temp	Max Temp	Minimum Daily Discharge	Mean Daily Discharge	Maximum Daily Discharge	Notes
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	
20-Mar-23	2-Apr-23	5-Apr-23	21	34	40	71783	123362	137184	
3-Apr-23	16-Apr-23	19-Apr-23	22	28	36	0	87710	137184	Boiler offline 8/4/23, 9/4/23, 10/4/23, 11/4/23, 12/4/23, 13/4/23, 14/4/23, 15/4/23, 16/4/23 shutdown maintenance
17-Apr-23	30-Apr-23	3-May-23	21	29	34	91218	128539	137184	Boiler offline 22/4/23, 23/4/23, 27/4/23, 28/4/23, 29/4/23
1-May-23	14-May-23	17-May-23	20	28	36	88884	129694	137184	Boiler offline 6/5/23, 7/5/23, 9/5/23, 10/5/23, 13/5/23, 14/5/23
15-May-23	28-May-23	31-May-23	12	24	32	68592	118948	137184	Boiler offline 16/5/23, 17/5/23, 19/5/23, 20/5/23, 21/5/23, 22/5/23, 28/5/23
29-May-23	11-Jun-23	14-Jun-23	17	25	33	76166	128662	137184	Boiler offline 3/6/23, 4/6/23, 10/6/23, 11/6/23
12-Jun-23	25-Jun-23	28-Jun-23	16	22	29	68592	116416	137184	Boiler offline 12/6/23, 13/6/23, 17/6/23, 18/6/23, 19/6/23, 23/6/23, 24/6/23, 25/6/23
26-Jun-23	9-Jul-23	12-Jul-23	16	21	32	68592	118639	137184	Boiler offline 26/6/23, 29/6/23, 30/6/23, 1/7/23, 2/7/23, 6/7/23, 8/7/23, 9/7/23
10-Jul-23	23-Jul-23	26-Jul-23	17	26	32	134898	136993	137184	Boiler offline 22/7/23
24-Jul-23	6-Aug-23	9-Aug-23	18	27	33	106842	133417	137184	Boiler offline 30/7/23, 31/7/23, 5/8/23, 6/8/23
7-Aug-23	20-Aug-23	23-Aug-23	18	27	34	80310	127856	137184	Boiler offline 7/8/23, 12/8/23, 13/8/23, 19/8/23, 20/8/23
21-Aug-23	3-Sep-23	6-Sep-23	19	29	35	83501	127018	137184	Boiler offline 21/8/23, 26/8/23, 27/8/23, 3/9/23
4-Sep-23	17-Sep-23	20-Sep-23	21	31	36	117988	135426	137184	Boiler offline 10/9/23, 11/9/23, 17/9/23
18-Sep-23	1-Oct-23	5-Oct-23	21	32	37	128086	136235	137184	Boiler offline 28/9/23, 1/10/23
2-Oct-23	15-Oct-23	18-Oct-23	22	31	39	101126	134076	137184	Boiler offline 2/10/23, 7/10/23, 8/10/23, 14/10/23, 15/10/23
16-Oct-23	29-Oct-23	1-Nov-23	23	32	40	95314	131694	137184	
30-Oct-23	12-Nov-23	16-Nov-23	23	33	39	97934	130619	137184	Boiler offline 4/11/23, 5/11/23, 7/11/23, 12/11/23
13-Nov-23	26-Nov-23	30-Nov-23	24	31	37	8955	112531	137184	Boiler offline 13/11/23 - 17/11/23, 20/11/23, 25/11/23
27-Nov-23	10-Dec-23	13-Dec-23	26	35	45	68592	123513	137184	Boiler offline 1/12/23 - 4/12/23, temperature spike due to factory offline
11-Dec-23	24-Dec-23	27-Dec-23	27	34	40	98220	125865	137184	Boiler offline 21/12/23
25-Dec-23	7-Jan-24	10-Jan-24	24	30	38	67782	89135	137184	Boiler offline 25/12/23 - 2/1/24, 5/1/24 - 7/1/24
8-Jan-24	21-Jan-24	24-Jan-24	25	34	40	68592	125397	137184	Boiler offline 8/1/24, 12/1/24 - 14/1/24, 19/1/24 - 21/1/24
22-Jan-24	4-Feb-24	7-Feb-24	22	33	40	54064	114887	137184	Boiler offline 22/1, 26/1-29/1, 31/1-4/2
5-Feb-24	18-Feb-24	21-Feb-24	26	36	41	137184	137184	137184	
19-Feb-24	3-Mar-24	6-Mar-24	27	35	41	68592	124258	137184	Boiler offline 19/2, 23/2-27/2, 2/3-3/3
4-Mar-24	17-Mar-24	20-Mar-24	26	35	40	68592	122167	137184	Boiler offline 4/3, 9/3-11/3, 15/3-17/3
18-Mar-24	31-Mar-24	3-Apr-24	24	31	37	68592	119876	137184	Boiler offline 18/3, 19/3, 23/3 - 25/3, 28/3 - 31/3
1-Apr-24	14-Apr-24	17-Apr-24	23	25	26	0	0	0	Plant shutdown from 28/3 - 15/4
15-Apr-24	28-Apr-24	1-May-24	23	31	35	136327	137106	137184	Boiler offline 15/4, 27/4, 28/4

**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/prpoeoapp/>  
 Parameters Monitored Temperature  
 Monitoring Frequency Continous 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	
14-Jan-19	27-Jan-19	29-Mar-19	25.0	29.5	43.1	58541	128499	137184	
28-Jan-19	10-Feb-19	29-Mar-19	28.7	29.6	30.6	136136	137053	137184	
11-Feb-19	24-Feb-19	29-Mar-19	25.3	28.0	30.5	136041	137033	137184	
25-Feb-19	10-Mar-19	29-Mar-19	24.9	26.6	28.6	136517	137128	137184	
11-Mar-19	24-Mar-19	30-Apr-19	21.1	28.2	29.4	84883	130380	137184	
25-Mar-19	7-Apr-19	30-Apr-19	28.3	28.6	29.0	62400	99792	137184	Plant shutdown 24-03-19 to 14-04-19
8-Apr-19	21-Apr-19	15-Apr-19	23.0	23.8	24.6	69402	124841	137184	Cooling water shutdown 26-03-19
22-Apr-19	5-May-19	15-Apr-19	22.8	23.8	24.7	136517	137128	137184	Plant Shutdown to 14-04-19
6-May-19	19-May-19	18-Jun-19	20.1	21.5	23.2	136946	137160	137184	
20-May-19	2-Jun-19	18-Jun-19	17.5	20.3	22.0	36106	111072	137184	
3-Jun-19	16-Jun-19	23-Jul-19	10.2	17.8	26.8	25865	121342	137184	
17-Jun-19	30-Jun-19	23-Jul-19	17.8	20.1	22.0	68592	126546	137184	
1-Jul-19	14-Jul-19	22-Aug-19	16.2	17.2	18.1	136041	136934	137184	
15-Jul-19	28-Jul-19	22-Aug-19	15.5	19.3	22.0	68592	126447	137184	
29-Jul-19	11-Aug-19	23-Sep-19	16.4	18.1	19.2	127848	136041	137184	
12-Aug-19	25-Aug-19	23-Sep-19	16.4	17.9	19.6	113891	134794	137184	
26-Aug-19	8-Sep-19	23-Sep-19	18.0	19.7	21.2	89598	132036	137184	
9-Sep-19	22-Sep-19	29-Oct-19	18.2	20.3	22.8	133659	136267	137184	
23-Sep-19	6-Oct-19	29-Oct-19	18.3	22.9	24.4	129563	135310	137184	
7-Oct-19	20-Oct-19	28-Nov-19	22.0	23.7	25.5	133421	136446	137184	
21-Oct-19	3-Nov-19	28-Nov-19	23.7	25.0	26.5	135136	136926	137184	
4-Nov-19	17-Nov-19	23-Jan-20	23.6	25.0	26.5	126038	135037	137184	
18-Nov-19	1-Dec-19	23-Jan-20	20.5	27.0	48.7	19387	101264	137184	
2-Dec-19	15-Dec-19	23-Jan-20	19.4	27.2	48.9	37821	124557	137184	
16-Dec-19	29-Dec-19	23-Jan-20	22.9	27.8	28.8	102602	129154	137184	
30-Dec-19	12-Jan-20	23-Jan-20	27.0	28.5	29.9	68592	115932	137184	
13-Jan-20	26-Jan-20	6-Mar-20	25.7	27.8	34.3	71164	127983	137184	
27-Jan-20	9-Feb-20	6-Mar-20	24.3	28.7	31.4	68640	128427	137184	
10-Feb-20	23-Feb-20	1-Apr-20	23.8	26.3	28.9	131420	136517	137184	
24-Feb-20	8-Mar-20	1-Apr-20	22.7	27.0	28.1	125371	136200	137184	
9-Mar-20	22-Mar-20	30-Apr-20	23.2	24.7	26.7	136470	137124	137184	
23-Mar-20	5-Apr-20	30-Apr-20	18.9	25.0	26.2	137184	137184	137184	
6-Apr-20	19-Apr-20	29-May-20	12.1	22.4	37.3	40250	92893	137184	
20-Apr-20	3-May-20	29-May-20	18.9	25.0	26.2	137184	137184	137184	
4-May-20	17-May-20	29-Jun-20	14.9	20.2	34.5	56160	120937	137184	
18-May-20	31-May-20	29-Jun-20	17.6	19.1	20.6	132849	136799	137184	
1-Jun-20	14-Jun-20	29-Jun-20	16.8	18.1	20.3	68592	121691	137184	
15-Jun-20	28-Jun-20	20-Jul-20	16.3	17.9	19.5	133850	136847	137184	
29-Jun-20	12-Jul-20	24-Jul-20	16.1	16.9	18.3	131230	136287	137184	
13-Jul-20	26-Jul-20	30-Jul-20	15.9	17.0	18.1	134326	136894	137184	
27-Jul-20	9-Aug-20	13-Aug-20	15.3	16.6	18.6	68592	123660	137184	
10-Aug-20	23-Aug-20	27-Aug-20	9.8	18.0	29.3	36678	118889	137184	
24-Aug-20	6-Sep-20	10-Sep-20	15.9	18.6	21.5	135231	136835	137184	
7-Sep-20	20-Sep-20	25-Sep-20	19.4	20.9	23.0	132564	136743	137184	
21-Sep-20	4-Oct-20	9-Oct-20	21.4	22.9	24.7	133469	136874	137184	
5-Oct-20	18-Oct-20	22-Oct-20	22.6	24.3	26.1	133850	136906	137184	
19-Oct-20	1-Nov-20	05-Nov-20	22.1	24.9	26.4	129277	136339	137184	
2-Nov-20	15-Nov-20	19-Nov-20	23.9	25.1	27.4	68640	127483	137184	
16-Nov-20	29-Nov-20	03-Dec-20	25.8	27.4	29.1	134612	136970	137184	
30-Nov-20	13-Dec-20	18-Dec-20	25.6	27.9	28.8	68592	119111	137184	Boiler Shutdown 5/12/20
14-Dec-20	27-Dec-20	05-Jan-21	26.7	27.0	27.3	85788	95957	106127	Boiler Online 24/12/20 only
28-Dec-20	10-Jan-21	20-Jan-21	23.5	27.5	44.5	19482	98986	137184	Boiler Online 5/01/21

**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/prpoeoapp/>  
 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	
11-Jan-21	24-Jan-21	29-Jan-21	16.7	26.3	28.3	124752	136148	137184	
25-Jan-21	7-Feb-21	10-Feb-21	26.2	28.0	30.0	135183	137017	137184	
8-Feb-21	21-Feb-21	26-Feb-21	22.9	26.5	28.8	68592	124958	137184	
22-Feb-21	7-Mar-21	12-Mar-21	21.0	26.3	28.3	119179	134203	137184	
8-Mar-21	21-Mar-21	08-Apr-21	23.1	24.9	26.9	68592	128459	137184	
22-Mar-21	4-Apr-21	08-Apr-21	22.2	23.4	25.0	137184	137184	137184	
5-Apr-21	18-Apr-21	22-Apr-21	20.7	22.0	23.4	135707	137061	137184	
19-Apr-21	2-May-21	06-May-21	16.8	20.5	21.6	137184	137184	137184	
3-May-21	16-May-21	20-May-21	12.0	21.3	37.8	No Data	No Data	No Data	Boiler Not Operating
17-May-21	30-May-21	02-Jun-21	17.3	18.7	29.4	43108	64138	68592	Boiler Offline 17/05/21 to 24/05/21
31-May-21	13-Jun-21	17-Jun-21	15.9	17.6	21.0	67544	68505	68592	
14-Jun-21	27-Jun-21	02-Jul-21	15.8	16.9	18.7	68592	68592	68592	
28-Jun-21	11-Jul-21	16-Jul-21	15.9	17.5	19.4	66830	68445	68592	
12-Jul-21	25-Jul-21	30-Jul-21	15.4	16.5	17.8	68592	68592	68592	
26-Jul-21	8-Aug-21	13-Aug-21	15.2	17.0	19.0	68592	72895	85311	
9-Aug-21	22-Aug-21	27-Aug-21	11.4	18.7	21.2	73498	122378	137184	
23-Aug-21	5-Sep-21	09-Sep-21	17.4	19.7	21.7	135660	137025	137184	
6-Sep-21	19-Sep-21	23-Sep-21	19.5	20.7	22.3	132992	136815	137184	
20-Sep-21	3-Oct-21	08-Oct-21	16.0	21.6	23.3	134612	136767	137184	
4-Oct-21	17-Oct-21	22-Oct-21	21.9	23.2	24.7	133564	136863	137184	
18-Oct-21	31-Oct-21	05-Nov-21	22.5	24.4	27.1	133564	136882	137184	
1-Nov-21	14-Nov-21	23-Nov-21	22.5	24.3	27.1	133564	136882	137184	
15-Nov-21	28-Nov-21	09-Dec-21	19.9	25.6	39.8	50872	125913	137184	
29-Nov-21	12-Dec-21	15-Dec-21	22.0	24.2	26.4	68592	122501	137184	
13-Dec-21	26-Dec-21	14-Jan-22	25.0	27.0	28.9	134469	136843	137184	
27-Dec-21	9-Jan-22	14-Jan-22	24.8	26.2	28.4	68592	104869	137184	
10-Jan-22	23-Jan-22	28-Jan-22	22.8	26.5	28.4	68210	122565	137184	
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	

**Sampling Point:** Monitoring Point 9 - Cogeneration Cooling Water Inlet  
 Licence Cape Byron Management Pty Ltd  
 Location Broadwater Cogeneration Power Plant  
 EPL No 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>  
 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	
23-Jan-23	5-Feb-23	8-Feb-23	24.7	30.7	50.4	24197	119647	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	
20-Mar-23	2-Apr-23	5-Apr-23	21.5	27.9	43.2	71783	123362	137184	Analysers offline on 20/3/23
3-Apr-23	16-Apr-23	19-Apr-23	13.2	24.9	39.5	0	87710	137184	Boiler offline 8/4/23, 9/4/23, 10/4/23, 11/4/23, 12/4/23, 13/4/23, 14/4/23, 15/4/23, 16/4/23 shutdown maintenance
17-Apr-23	30-Apr-23	3-May-23	22.6	23.5	24.8	91218	128539	137184	Boiler offline 22/4/23, 23/4/23, 27/4/23, 28/4/23, 29/4/23
1-May-23	14-May-23	17-May-23	20.2	22	23.9	88884	129694	137184	Boiler offline 6/5/23, 7/5/23, 9/5/23, 10/5/23, 13/5/23, 14/5/23
15-May-23	28-May-23	31-May-23	20.2	22	23.9	68592	118948	137184	Boiler offline 16/5/23, 17/5/23, 19/5/23, 20/5/23, 21/5/23, 22/5/23, 28/5/23
29-May-23	11-Jun-23	14-Jun-23	18.1	19	20.1	76166	128662	137184	Boiler offline 3/6/23, 4/6/23, 10/6/23, 11/6/23
12-Jun-23	25-Jun-23	28-Jun-23	17.1	19	20.1	68592	116416	137184	Boiler offline 12/6/23, 13/6/23, 17/6/23, 18/6/23, 19/6/23, 23/6/23, 24/6/23, 25/6/23
26-Jun-23	9-Jul-23	12-Jul-23	16.5	18	18.5	68592	118639	137184	Boiler offline 26/6/23, 29/6/23, 30/6/23, 1/7/23, 2/7/23, 6/7/23, 8/7/23, 9/7/23
10-Jul-23	23-Jul-23	26-Jul-23	16.7	18	19.4	134898	136993	137184	Boiler offline 22/7/23
24-Jul-23	6-Aug-23	9-Aug-23	17.5	19.0	20.6	106842	133417	137184	Boiler offline 30/7/23, 31/7/23, 5/8/23, 6/8/23
7-Aug-23	20-Aug-23	23-Aug-23	18.3	20.2	21.7	80310	127856	137184	Boiler offline 7/8/23, 12/8/23, 13/8/23, 19/8/23, 20/8/23
21-Aug-23	3-Sep-23	6-Sep-23	19.4	20.8	22.4	83501	127018	137184	Boiler offline 21/8/23, 26/8/23, 27/8/23, 3/9/23
4-Sep-23	17-Sep-23	20-Sep-23	14.6	22.3	23.9	117988	135426	137184	Boiler offline 10/9/23, 11/9/23, 17/9/23
18-Sep-23	1-Oct-23	5-Oct-23	22.0	23.2	24.7	128086	136235	137184	Boiler offline 28/9/23, 1/10/23
2-Oct-23	15-Oct-23	18-Oct-23	22.9	24.3	26.1	101126	134076	137184	Boiler offline 2/10/23, 7/10/23, 8/10/23, 14/10/23, 15/10/23
16-Oct-23	29-Oct-23	1-Nov-23	23.6	25.1	27.5	95314	131694	137184	Boiler offline 19/10/23 - 22/10/23, 28/10/23, 29/10/23
30-Oct-23	12-Nov-23	16-Nov-23	21.8	24.7	25.9	97934	130619	137184	Boiler offline 4/11/23, 5/11/23, 7/11/23, 12/11/23
13-Nov-23	26-Nov-23	30-Nov-23	20.2	27.4	50.0	8955	112531	137184	Boiler offline 13/11/23 - 17/11/23, 20/11/23, 25/11/23 - high temp due to factory shutdown with
27-Nov-23	10-Dec-23	13-Dec-23	26.5	28.4	83.9	68592	123513	137184	Boiler offline 1/12/23 - 4/12/23, temperature spike due to testing on transmitter
11-Dec-23	24-Dec-23	27-Dec-23	27.8	29.6	39.4	98220	125865	137184	Boiler offline 21/12/23
25-Dec-23	7-Jan-24	10-Jan-24	23.8	28.2	30.9	67782	89135	137184	Boiler offline 25/12/23 - 2/1/24, 5/1/24 - 7/1/24
8-Jan-24	21-Jan-24	24-Jan-24	25.3	27.7	29.2	68592	125397	137184	Boiler offline 8/1/24, 12/1/24 - 14/1/24, 19/1/24 - 21/1/24
22-Jan-24	4-Feb-24	7-Feb-24	22.0	29.3	49.3	54064	114887	137184	Boiler offline 22/1, 26/1-29/1, 31/1-4/2. High temp on 2/2 due to water drained from pipe.
5-Feb-24	18-Feb-24	21-Feb-24	27.2	29.6	31.2	137184	137184	137184	
19-Feb-24	3-Mar-24	6-Mar-24	27.9	29.2	30.2	68592	124258	137184	Boiler offline 19/2, 23/2-27/2, 2/3-3/3
4-Mar-24	17-Mar-24	20-Mar-24	27.0	28.2	29.8	68592	122167	137184	Boiler offline 4/3, 9/3-11/3, 15/3-17/3
18-Mar-24	31-Mar-24	3-Apr-24	22.5	26.6	28.4	68592	119876	137184	Boiler offline 18/3, 19/3, 23/3 - 25/3, 28/3 - 31/3
1-Apr-24	14-Apr-24	17-Apr-24	18.1	26.7	43.1	0	0	0	Plant shutdown from 28/3 - 15/4
15-Apr-24	28-Apr-24	1-May-24	21.4	23.7	25.8	136327	137106	137184	Boiler offline 15/4, 27/4, 28/4

**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 <sub>5</sub> (mg/L)	TSS (mg/L)	pH	Nitrogen (mg/L)	Phosphorus (mg/L)	Notes
21-Jan-19	21-Jan-19	29-Mar-19	1.8	6.0	6.7	0.8	0.6	
27-Feb-19	28-Feb-19	29-Mar-19	1.2	<1	7.0	0.8	0.3	
22-Mar-19	29-Mar-19	30-Apr-19	1.8	9.0	6.9	1.2	0.3	
15-Apr-19	26-Apr-19	30-Apr-19	8.3	20.0	6.3	0.7	0.7	
13-May-19	20-May-19	18-Jun-19	3.4	8.0	8.4	1.3	0.3	
19-Jun-19	28-Jun-19	23-Jul-19	1.7	12.0	6.8	0.9	0.6	
25-Jul-19	31-Jul-19	22-Aug-19	2.6	20.0	7.1	1.2	0.4	
13-Aug-19	19-Aug-19	23-Sep-19	<1	5.0	6.5	0.7	1.1	
26-Sep-19	9-Oct-19	29-Oct-19	4.4	46.0	6.1	1.2	0.9	
16-Oct-19	23-Oct-19	29-Oct-19	1.4	16.0	6.9	1.6	0.8	
20-Nov-19	26-Nov-19	28-Nov-19	2.0	6.0	6.9	0.8	0.5	
10-Dec-19	16-Dec-19	23-Jan-20	<1	7.0	7.0	7.5	4.2	
30-Jan-20	11-Feb-20	6-Mar-20	5.1	26.0	6.5	1.5	1.0	
18-Feb-20	25-Feb-20	6-Mar-20	41.0	73.0	5.5	1.4	2.2	
17-Mar-20	24-Mar-20	1-Apr-20	3.4	14.0	6.7	1.0	2.0	
3-Apr-20	9-Apr-20	30-Apr-20	5.4	29.0	6.3	1.3	1.8	
18-May-20	26-May-20	29-May-20	10.3	160.0	6.5	1.3	1.6	
17-Jun-20	26-Jun-20	29-Jun-20	6.4	65.0	6.3	1.1	1.0	
21-Jul-20	31-Jul-20	13-Aug-20	19.6	42.0	6.2	0.9	0.7	
11-Aug-20	17-Aug-20	27-Aug-20	15.9	70.0	6.3	1.6	1.0	
9-Sep-20	16-Sep-20	25-Sep-20	4.8	18.0	6.5	1.3	0.6	
28-Oct-20	5-Nov-20	19-Nov-20	3.0	24.0	7.6	2.6	0.5	
17-Nov-20	27-Nov-20	3-Dec-20	5.5	22.0	6.9	1.7	0.5	
8-Dec-20	14-Dec-20	18-Dec-20	4.6	31.0	6.7	0.9	0.4	
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



**Sampling Point:** Monitoring Point 11 - Stockpile Sediment Pond East  
 Licence: 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 <sub>5</sub> (mg/L)	TSS (mg/L)	pH	Nitrogen (mg/L)	Phosphorus (mg/L)	Notes
21-Jan-19	21-Jan-19	29-Mar-19	3.8	21.0	7.5	2.3	0.6	
27-Feb-19	28-Feb-19	29-Mar-19	5.7	26.0	7.7	2.5	0.3	
22-Mar-19	29-Mar-19	30-Apr-19	10.1	26.0	8.8	3.3	0.5	
15-Apr-19	26-Apr-19	30-Apr-19	5.9	10.0	7.0	1.8	0.5	
13-May-19	20-May-19	18-Jun-19	1.7	8.0	6.9	0.8	0.6	
19-Jun-19	28-Jun-19	23-Jul-19	3.6	16.0	7.4	1.5	0.3	
25-Jul-19	31-Jul-19	22-Aug-19	4.4	82.0	6.3	0.9	1.2	
13-Aug-19	19-Aug-19	23-Sep-19	3.1	14.0	7.6	1.7	0.5	
26-Sep-19	9-Oct-19	29-Oct-19	4.5	25.0	6.4	2.3	0.8	
16-Oct-19	23-Oct-19	29-Oct-19	5.5	23.0	8.1	0.3	0.5	
20-Nov-19	26-Nov-19	28-Nov-19	5.7	23.0	7.7	2.9	0.7	
10-Dec-19	16-Dec-19	23-Jan-20	6.2	39.0	7.4	32.4	6.7	
30-Jan-20	11-Feb-20	6-Mar-20	15.3	35.0	7.0	3.3	1.1	
18-Feb-20	25-Feb-20	6-Mar-20	12.0	24.0	6.6	1.0	2.0	
17-Mar-20	24-Mar-20	1-Apr-20	3.5	6.0	7.4	2.9	1.2	
3-Apr-20	9-Apr-20	30-Apr-20	16.0	8.0	6.8	2.6	1.3	
18-May-20	26-May-20	29-May-20	4.4	21.0	7.2	1.6	0.9	
17-Jun-20	26-Jun-20	29-Jun-20	6.9	15.0	6.9	1.5	0.9	
21-Jul-20	31-Jul-20	13-Aug-20	6.4	3.0	7.0	1.4	0.8	
11-Aug-20	17-Aug-20	27-Aug-20	22.0	110.0	6.8	2.1	0.8	
9-Sep-20	16-Sep-20	25-Sep-20	11.2	17.0	8.1	2.1	0.2	
28-Oct-20	5-Nov-20	19-Nov-20	3.0	23.0	6.9	1.3	0.7	
17-Nov-20	27-Nov-20	3-Dec-20	4.9	14.0	7.7	1.7	0.2	
8-Dec-20	14-Dec-20	18-Dec-20	2.7	11.0	7.5	1.8	0.1	
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	31-Mar-23	5-Apr-23	5.9	19.0	7.6	2.8	0.6	
18-Apr-23	28-Apr-23	17-May-23	7.1	12.0	7.4	1.8	0.3	
18-May-23	1-Jun-23	14-Jun-23	2.9	28.0	7.3	1.5	0.3	
19-Jun-23	29-Jun-23	12-Jul-23	3.7	27.0	7.3	1.9	0.3	
18-Jul-23	1-Aug-23	9-Aug-23	7.0	21.0	7.5	1.7	0.3	
17-Aug-23	30-Aug-23	6-Sep-23	21.4	34.0	6.9	2.2	0.5	
18-Sep-23	17-Oct-23	18-Oct-23	7.2	25.0	8.7	2.3	0.5	
17-Oct-23	23-Oct-23	1-Nov-23	27.7	52.0	9.9	6.0	1.0	
20-Nov-23	5-Dec-23	13-Dec-23	4.2	13.0	7.3	1.4	0.5	
19-Dec-23	5-Jan-24	10-Jan-24	4.7	16.0	7.8	1.5	0.6	
17-Jan-24	30-Jan-24	7-Feb-24	8.5	45.0	9.8	3.3	0.5	
19-Feb-24	29-Feb-24	6-Mar-24	4.9	14.0	8.1	1.8	0.4	
19-Mar-24	28-Mar-24	3-Apr-24	6.2	16.0	7.8	1.8	0.4	
16-Apr-24	30-Apr-24	1-May-24	4.4	8.0	7.5	1.3	0.4	



**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	22-Mar-19	04-Apr-19	30-Apr-19	1.636	
		19-Jun-19	28-Jun-19	23-Jul-19	0.456	
		05-Dec-19	18-Dec-19	23-Jan-20	2.060	
		03-Apr-20	16-Apr-20	30-Apr-20	0.672	
		21-Oct-20	03-Nov-20	05-Nov-20	0.539	
		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	
		04-Oct-22	26-Oct-22	02-Nov-22	0.584	
		03-Apr-23	21-Apr-23	03-May-23	0.693	
Ammonia	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	0.055	
		19-Jun-19	28-Jun-19	23-Jul-19	1.487	
		05-Dec-19	18-Dec-19	23-Jan-20	0.058	
		03-Apr-20	16-Apr-20	30-Apr-20	0.791	
		21-Oct-20	03-Nov-20	05-Nov-20	0.056	
		13-Apr-21	19-Apr-21	22-Apr-21	0.680	
		28-Sep-21	07-Oct-21	08-Oct-21	0.292	
		06-Sep-22	07-Sep-22	05-Oct-22	0.998	
		04-Oct-22	26-Oct-22	02-Nov-22	0.116	
		03-Apr-23	21-Apr-23	03-May-23	0.751	
Arsenic	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	0.010	
		19-Jun-19	28-Jun-19	23-Jul-19	0.002	
		05-Dec-19	18-Dec-19	23-Jan-20	0.001	
		03-Apr-20	16-Apr-20	30-Apr-20	0.003	
		21-Oct-20	03-Nov-20	05-Nov-20	0.003	
		13-Apr-21	19-Apr-21	22-Apr-21	0.003	
		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	
		03-Apr-23	21-Apr-23	03-May-23	0.003	
Barium	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	0.095	
		19-Jun-19	28-Jun-19	23-Jul-19	0.132	
		05-Dec-19	18-Dec-19	23-Jan-20	0.024	
		03-Apr-20	16-Apr-20	30-Apr-20	0.085	
		21-Oct-20	03-Nov-20	05-Nov-20	0.079	
		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	
		04-Oct-22	26-Oct-22	02-Nov-22	0.137	
		03-Apr-23	21-Apr-23	03-May-23	0.093	
Bicarbonate	CaCO <sub>3</sub> /kg	22-Mar-19	04-Apr-19	30-Apr-19	42	

**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
		19-Jun-19	28-Jun-19	23-Jul-19	113	
		05-Dec-19	18-Dec-19	23-Jan-20	25	
		03-Apr-20	16-Apr-20	30-Apr-20	24	
		21-Oct-20	03-Nov-20	05-Nov-20	106	
		13-Apr-21	19-Apr-21	22-Apr-21	37	
		28-Sep-21	07-Oct-21	08-Oct-21	120	
		06-Sep-22	07-Sep-22	05-Oct-22	238	
		04-Oct-22	26-Oct-22	02-Nov-22	105	
		03-Apr-23	21-Apr-23	03-May-23	105	
<b>Cadmium</b>	mg/l	03-Oct-23	16-Oct-23	18-Oct-23	94	
		22-Mar-19	04-Apr-19	30-Apr-19	<0.001	
		19-Jun-19	28-Jun-19	23-Jul-19	<0.001	
		05-Dec-19	18-Dec-19	23-Jan-20	<0.001	
		03-Apr-20	16-Apr-20	30-Apr-20	<0.001	
		21-Oct-20	03-Nov-20	05-Nov-20	<0.001	
		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	
<b>Calcium</b>	mg/l	04-Oct-22	26-Oct-22	02-Nov-22	<0.001	
		03-Apr-23	21-Apr-23	03-May-23	<0.001	
		03-Oct-23	16-Oct-23	18-Oct-23	<0.001	
		22-Mar-19	04-Apr-19	30-Apr-19	5.0	
		19-Jun-19	28-Jun-19	23-Jul-19	23.2	
		05-Dec-19	18-Dec-19	23-Jan-20	5.4	
		03-Apr-20	16-Apr-20	30-Apr-20	20.0	
		21-Oct-20	03-Nov-20	05-Nov-20	39.5	
		13-Apr-21	19-Apr-21	22-Apr-21	26.3	
<b>Chloride</b>	mg/l	28-Sep-21	07-Oct-21	08-Oct-21	33.7	
		06-Sep-22	07-Sep-22	05-Oct-22	70.4	
		04-Oct-22	26-Oct-22	02-Nov-22	35.8	
		03-Apr-23	21-Apr-23	03-May-23	36	
		03-Oct-23	16-Oct-23	18-Oct-23	43.6	
		22-Mar-19	04-Apr-19	30-Apr-19	14	
		19-Jun-19	28-Jun-19	23-Jul-19	169	
		05-Dec-19	18-Dec-19	23-Jan-20	3	
		03-Apr-20	16-Apr-20	30-Apr-20	190	
<b>Chromium</b>	mg/l	21-Oct-20	03-Nov-20	05-Nov-20	162	
		13-Apr-21	19-Apr-21	22-Apr-21	2	
		28-Sep-21	07-Oct-21	08-Oct-21	1	
		06-Sep-22	07-Sep-22	05-Oct-22	108	
		04-Oct-22	26-Oct-22	02-Nov-22	213	
		03-Apr-23	21-Apr-23	03-May-23	261	
		03-Oct-23	16-Oct-23	18-Oct-23	232	
		22-Mar-19	04-Apr-19	30-Apr-19	0.002	
		19-Jun-19	28-Jun-19	23-Jul-19	0.001	
05-Dec-19	18-Dec-19	23-Jan-20	0.001			

**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		
		03-Apr-20	16-Apr-20	30-Apr-20	0.001			
		21-Oct-20	03-Nov-20	05-Nov-20	0.001			
		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			
		04-Oct-22	26-Oct-22	02-Nov-22	0.001			
		03-Apr-23	21-Apr-23	03-May-23	0.001			
		03-Oct-23	16-Oct-23	18-Oct-23	0.002			
<b>Conductivity</b>	dS/m	22-Mar-19	04-Apr-19	30-Apr-19	0.142			
		19-Jun-19	28-Jun-19	23-Jul-19	0.963			
		05-Dec-19	18-Dec-19	23-Jan-20	0.259			
		03-Apr-20	16-Apr-20	30-Apr-20	0.876			
		21-Oct-20	03-Nov-20	05-Nov-20	0.938			
		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			
		04-Oct-22	26-Oct-22	02-Nov-22	1.020			
		03-Apr-23	21-Apr-23	03-May-23	1.181			
		03-Oct-23	16-Oct-23	18-Oct-23	1.106			
		<b>Copper</b>	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	0.001	
				19-Jun-19	28-Jun-19	23-Jul-19	<0.001	
				05-Dec-19	18-Dec-19	23-Jan-20	<0.001	
				03-Apr-20	16-Apr-20	30-Apr-20	<0.001	
				21-Oct-20	03-Nov-20	05-Nov-20	0.002	
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			
		04-Oct-22	26-Oct-22	02-Nov-22	<0.001			
		03-Apr-23	21-Apr-23	03-May-23	<0.001			
		03-Oct-23	16-Oct-23	18-Oct-23	<0.001			
		<b>Hardness (as calcium)</b>	CaCO <sub>3</sub> /kg	22-Mar-19	04-Apr-19	30-Apr-19	29.541	
				19-Jun-19	28-Jun-19	23-Jul-19	142.399	
				05-Dec-19	18-Dec-19	23-Jan-20	30.000	
				03-Apr-20	16-Apr-20	30-Apr-20	113.000	
				21-Oct-20	03-Nov-20	05-Nov-20	152.000	
13-Apr-21	19-Apr-21			22-Apr-21	142.124			
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	35.800			
		03-Apr-23	21-Apr-23	03-May-23	178			
		03-Oct-23	16-Oct-23	18-Oct-23	189			
		<b>Iron</b>	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	39.674	
				19-Jun-19	28-Jun-19	23-Jul-19	9.331	
				05-Dec-19	18-Dec-19	23-Jan-20	3.160	
				03-Apr-20	16-Apr-20	30-Apr-20	7.530	
				21-Oct-20	03-Nov-20	05-Nov-20	7.117	

**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
		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	
		04-Oct-22	26-Oct-22	02-Nov-22	8.060	
		03-Apr-23	21-Apr-23	03-May-23	5.97	
		03-Oct-23	16-Oct-23	18-Oct-23	5.42	
Lead	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	<0.001	
		19-Jun-19	28-Jun-19	23-Jul-19	<0.001	
		05-Dec-19	18-Dec-19	23-Jan-20	<0.001	
		03-Apr-20	16-Apr-20	30-Apr-20	<0.001	
		21-Oct-20	03-Nov-20	05-Nov-20	<0.001	
		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	
		04-Oct-22	26-Oct-22	02-Nov-22	<0.001	
		03-Apr-23	21-Apr-23	03-May-23	<0.001	
		03-Oct-23	16-Oct-23	18-Oct-23	<0.001	
		Magnesium	mg/l	22-Mar-19	04-Apr-19	30-Apr-19
19-Jun-19	28-Jun-19			23-Jul-19	20.505	
05-Dec-19	18-Dec-19			23-Jan-20	4.100	
03-Apr-20	16-Apr-20			30-Apr-20	15.000	
21-Oct-20	03-Nov-20			05-Nov-20	13.013	
13-Apr-21	19-Apr-21			22-Apr-21	18.574	
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	23.000	
03-Apr-23	21-Apr-23			03-May-23	21.4	
03-Oct-23	16-Oct-23			18-Oct-23	19.5	
Manganese	mg/l			22-Mar-19	04-Apr-19	30-Apr-19
		19-Jun-19	28-Jun-19	23-Jul-19	0.106	
		05-Dec-19	18-Dec-19	23-Jan-20	0.032	
		03-Apr-20	16-Apr-20	30-Apr-20	0.118	
		21-Oct-20	03-Nov-20	05-Nov-20	0.082	
		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	
		04-Oct-22	26-Oct-22	02-Nov-22	0.110	
		03-Apr-23	21-Apr-23	03-May-23	0.107	
		03-Oct-23	16-Oct-23	18-Oct-23	0.046	
		Mercury	mg/l	22-Mar-19	04-Apr-19	30-Apr-19
19-Jun-19	28-Jun-19			23-Jul-19	<0.0005	
05-Dec-19	18-Dec-19			23-Jan-20	<0.0005	
03-Apr-20	16-Apr-20			30-Apr-20	<0.0005	
21-Oct-20	03-Nov-20			05-Nov-20	<0.0005	
13-Apr-21	19-Apr-21			22-Apr-21	<0.0005	
28-Sep-21	07-Oct-21			08-Oct-21	<0.0005	

**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		
		06-Sep-22	07-Sep-22	05-Oct-22	<0.0005			
		04-Oct-22	26-Oct-22	02-Nov-22	<0.0005			
		03-Apr-23	21-Apr-23	03-May-23	<0.0005			
		03-Oct-23	16-Oct-23	18-Oct-23	<0.0005			
Nickel	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	<0.001			
		19-Jun-19	28-Jun-19		<0.001			
		05-Dec-19	18-Dec-19	23-Jan-20	<0.001			
		03-Apr-20	16-Apr-20	30-Apr-20	0.001			
		21-Oct-20	03-Nov-20	05-Nov-20	<0.001			
		13-Apr-21	19-Apr-21	22-Apr-21	0.002			
		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			
		03-Apr-23	21-Apr-23	03-May-23	<0.001			
		03-Oct-23	16-Oct-23	18-Oct-23	<0.001			
		Nitrate	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	0.479	
				19-Jun-19	28-Jun-19	23-Jul-19	0.033	
05-Dec-19	18-Dec-19			23-Jan-20	<0.005			
03-Apr-20	16-Apr-20			30-Apr-20	0.014			
21-Oct-20	03-Nov-20			05-Nov-20	0.032			
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			
04-Oct-22	26-Oct-22			02-Nov-22	0.034			
03-Apr-23	21-Apr-23			03-May-23	<0.05			
03-Oct-23	16-Oct-23			18-Oct-23	<0.005			
Nitrite	mg/l			22-Mar-19	04-Apr-19	30-Apr-19	0.009	
				19-Jun-19	28-Jun-19	23-Jul-19	0.048	
		05-Dec-19	18-Dec-19	23-Jan-20	0.313			
		03-Apr-20	16-Apr-20	30-Apr-20	0.016			
		21-Oct-20	03-Nov-20	05-Nov-20	<0.005			
		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			
		04-Oct-22	26-Oct-22	02-Nov-22	0.010			
		03-Apr-23	21-Apr-23	03-May-23	0.563			
		03-Oct-23	16-Oct-23	18-Oct-23	0.009			
		Orthophosphate	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	0.015	
				19-Jun-19	28-Jun-19	23-Jul-19	0.015	
05-Dec-19	18-Dec-19			23-Jan-20	0.014			
03-Apr-20	16-Apr-20			30-Apr-20	0.010			
21-Oct-20	03-Nov-20			05-Nov-20	0.008			
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			
04-Oct-22	26-Oct-22			02-Nov-22	0.012			

**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
Potassium	mg/l	03-Apr-23	21-Apr-23	03-May-23	0.369	
		03-Oct-23	16-Oct-23	18-Oct-23	0.062	
		22-Mar-19	04-Apr-19	30-Apr-19	3.7	
		19-Jun-19	28-Jun-19	23-Jul-19	14.4	
		05-Dec-19	18-Dec-19	23-Jan-20	1.9	
		03-Apr-20	16-Apr-20	30-Apr-20	6.1	
		21-Oct-20	03-Nov-20	05-Nov-20	7.4	
		13-Apr-21	19-Apr-21	22-Apr-21	8.2	
		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	
		03-Apr-23	21-Apr-23	03-May-23	21.0	
		03-Oct-23	16-Oct-23	18-Oct-23	14.1	
		22-Mar-19	04-Apr-19	30-Apr-19	<0.002	
		19-Jun-19	28-Jun-19	23-Jul-19	<0.002	
		05-Dec-19	18-Dec-19	23-Jan-20	<0.002	
		03-Apr-20	16-Apr-20	30-Apr-20	<0.002	
		21-Oct-20	03-Nov-20	05-Nov-20	<0.002	
		13-Apr-21	19-Apr-21	22-Apr-21	<0.002	
		28-Sep-21	07-Oct-21	08-Oct-21	<0.002	
Silica (total)	mg/l	06-Sep-22	07-Sep-22	05-Oct-22	<0.002	
		04-Oct-22	26-Oct-22	02-Nov-22	<0.002	
		03-Apr-23	21-Apr-23	03-May-23	<0.002	
		03-Oct-23	16-Oct-23	18-Oct-23	<0.002	
		22-Mar-19	04-Apr-19	30-Apr-19	7.009	
		19-Jun-19	28-Jun-19	23-Jul-19	26.875	
		05-Dec-19	18-Dec-19	23-Jan-20	6.140	
		03-Apr-20	16-Apr-20	30-Apr-20	22.900	
		21-Oct-20	03-Nov-20	05-Nov-20	21.541	
		13-Apr-21	19-Apr-21	22-Apr-21	23.467	
Silver	mg/l	28-Sep-21	07-Oct-21	08-Oct-21	20.4	
		06-Sep-22	07-Sep-22	05-Oct-22	30.1	
		04-Oct-22	26-Oct-22	02-Nov-22	29.400	
		03-Apr-23	21-Apr-23	03-May-23	26.9	
		03-Oct-23	16-Oct-23	18-Oct-23	25.8	
		22-Mar-19	04-Apr-19	30-Apr-19	<0.001	
		19-Jun-19	28-Jun-19	23-Jul-19	<0.001	
		05-Dec-19	18-Dec-19	23-Jan-20	<0.001	
		03-Apr-20	16-Apr-20	30-Apr-20	<0.001	
		21-Oct-20	03-Nov-20	05-Nov-20	<0.001	
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			
04-Oct-22	26-Oct-22	02-Nov-22	<0.001			
03-Apr-23	21-Apr-23	03-May-23	<0.001			
03-Oct-23	16-Oct-23	18-Oct-23	<0.001			

**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
<b>Sodium</b>	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	17.900	
		19-Jun-19	28-Jun-19	23-Jul-19	122.132	
		05-Dec-19	18-Dec-19	23-Jan-20	21.000	
		03-Apr-20	16-Apr-20	30-Apr-20	128.000	
		21-Oct-20	03-Nov-20	05-Nov-20	129.194	
		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	
		04-Oct-22	26-Oct-22	02-Nov-22	157.000	
		03-Apr-23	21-Apr-23	03-May-23	152.000	
		03-Oct-23	16-Oct-23	18-Oct-23	178	
<b>Sodium Adsorption Ratio</b>	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	1.432	
		19-Jun-19	28-Jun-19	23-Jul-19	4.450	
		05-Dec-19	18-Dec-19	23-Jan-20	1.600	
		03-Apr-20	16-Apr-20	30-Apr-20	5.300	
		21-Oct-20	03-Nov-20	05-Nov-20	4.553	
		13-Apr-21	19-Apr-21	22-Apr-21	6.394	
		28-Sep-21	07-Oct-21	08-Oct-21	4.000	
		06-Sep-22	07-Sep-22	05-Oct-22	3.0	
		04-Oct-22	26-Oct-22	02-Nov-22	5.000	
		03-Apr-23	21-Apr-23	03-May-23	4.9	
		03-Oct-23	16-Oct-23	18-Oct-23	5.6	
<b>Sulfate</b>	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	6.870	
		19-Jun-19	28-Jun-19	23-Jul-19	57.568	
		05-Dec-19	18-Dec-19	23-Jan-20	11.600	
		03-Apr-20	16-Apr-20	30-Apr-20	102.000	
		21-Oct-20	03-Nov-20	05-Nov-20	76.520	
		13-Apr-21	19-Apr-21	22-Apr-21	115.047	
		28-Sep-21	07-Oct-21	08-Oct-21	87.000	
		06-Sep-22	07-Sep-22	05-Oct-22	67.000	
		04-Oct-22	26-Oct-22	02-Nov-22	92.000	
		03-Apr-23	21-Apr-23	03-May-23	109	
		03-Oct-23	16-Oct-23	18-Oct-23	177	
<b>Total Dissolved Salts</b>	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	96.560	
		19-Jun-19	28-Jun-19	23-Jul-19	655.000	
		05-Dec-19	18-Dec-19	23-Jan-20	176.000	
		03-Apr-20	16-Apr-20	30-Apr-20	596.000	
		21-Oct-20	03-Nov-20	05-Nov-20	637.840	
		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	
		04-Oct-22	26-Oct-22	02-Nov-22	692.000	
		03-Apr-23	21-Apr-23	03-May-23	803	
		03-Oct-23	16-Oct-23	18-Oct-23	752	
<b>Total Organic Carbon</b>	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	24.142	
		19-Jun-19	28-Jun-19	23-Jul-19	26.300	

**Sampling Point:**  
 Licence  
 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		
		05-Dec-19	18-Dec-19	23-Jan-20	15.800			
		03-Apr-20	16-Apr-20	30-Apr-20	21.000			
		21-Oct-20	03-Nov-20	05-Nov-20	17.360			
		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			
		04-Oct-22	26-Oct-22	02-Nov-22	24.600			
		03-Apr-23	21-Apr-23	03-May-23	31.3			
Total Suspended Solids	mg/l	03-Oct-23	16-Oct-23	18-Oct-23	25.5			
		22-Mar-19	04-Apr-19	30-Apr-19	<1			
		19-Jun-19	28-Jun-19	23-Jul-19	<1			
		05-Dec-19	18-Dec-19	23-Jan-20	2.000			
		03-Apr-20	16-Apr-20	30-Apr-20	5.000			
		21-Oct-20	03-Nov-20	05-Nov-20	<1			
		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			
		04-Oct-22	26-Oct-22	02-Nov-22	<1			
		03-Apr-23	21-Apr-23	03-May-23	3.000			
		03-Oct-23	16-Oct-23	18-Oct-23	<1			
		Zinc	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	0.023	
				19-Jun-19	28-Jun-19	23-Jul-19	0.009	
				05-Dec-19	18-Dec-19	23-Jan-20	<0.001	
				03-Apr-20	16-Apr-20	30-Apr-20	0.012	
21-Oct-20	03-Nov-20			05-Nov-20	0.010			
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			
04-Oct-22	26-Oct-22			02-Nov-22	0.052			
03-Apr-23	21-Apr-23			03-May-23	0.015			
03-Oct-23	16-Oct-23			18-Oct-23	0.006			
pH				22-Mar-19	04-Apr-19	30-Apr-19	7.250	
				19-Jun-19	28-Jun-19	23-Jul-19	7.570	
				05-Dec-19	18-Dec-19	23-Jan-20	7.350	
				03-Apr-20	16-Apr-20	30-Apr-20	6.840	
				21-Oct-20	03-Nov-20	05-Nov-20	7.440	
		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			
		03-Apr-23	21-Apr-23	03-May-23	7.23			
		03-Oct-23	16-Oct-23	18-Oct-23	6.94			



**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 1 January 2019	9:01am	Wednesday, 2 January 2019	9:00am	0	0
Wednesday, 2 January 2019	9:01am	Thursday, 3 January 2019	9:00am	0	0
Thursday, 3 January 2019	9:01am	Friday, 4 January 2019	9:00am	0	0
Friday, 4 January 2019	9:01am	Saturday, 5 January 2019	9:00am	0	0
Saturday, 5 January 2019	9:01am	Sunday, 6 January 2019	9:00am	0	0
Sunday, 6 January 2019	9:01am	Monday, 7 January 2019	9:00am	6.2	0.8
Monday, 7 January 2019	9:01am	Tuesday, 8 January 2019	9:00am	0	0
Tuesday, 8 January 2019	9:01am	Wednesday, 9 January 2019	9:00am	0	0
Wednesday, 9 January 2019	9:01am	Thursday, 10 January 2019	9:00am	0	0
Thursday, 10 January 2019	9:01am	Friday, 11 January 2019	9:00am	0	0
Friday, 11 January 2019	9:01am	Saturday, 12 January 2019	9:00am	0	0
Saturday, 12 January 2019	9:01am	Sunday, 13 January 2019	9:00am	0	0
Sunday, 13 January 2019	9:01am	Monday, 14 January 2019	9:00am	0	0
Monday, 14 January 2019	9:01am	Tuesday, 15 January 2019	9:00am	0	0
Tuesday, 15 January 2019	9:01am	Wednesday, 16 January 2019	9:00am	0	0
Wednesday, 16 January 2019	9:01am	Thursday, 17 January 2019	9:00am	0	0
Thursday, 17 January 2019	9:01am	Friday, 18 January 2019	9:00am	0	0
Friday, 18 January 2019	9:01am	Saturday, 19 January 2019	9:00am	0	0
Saturday, 19 January 2019	9:01am	Sunday, 20 January 2019	9:00am	0	0
Sunday, 20 January 2019	9:01am	Monday, 21 January 2019	9:00am	0	0
Monday, 21 January 2019	9:01am	Tuesday, 22 January 2019	9:00am	0	0
Tuesday, 22 January 2019	9:01am	Wednesday, 23 January 2019	9:00am	0	0
Wednesday, 23 January 2019	9:01am	Thursday, 24 January 2019	9:00am	9.8	1.2
Thursday, 24 January 2019	9:01am	Friday, 25 January 2019	9:00am	2.2	0.4
Friday, 25 January 2019	9:01am	Saturday, 26 January 2019	9:00am	0	0
Saturday, 26 January 2019	9:01am	Sunday, 27 January 2019	9:00am	0	0
Sunday, 27 January 2019	9:01am	Monday, 28 January 2019	9:00am	0	0
Monday, 28 January 2019	9:01am	Tuesday, 29 January 2019	9:00am	0	0
Tuesday, 29 January 2019	9:01am	Wednesday, 30 January 2019	9:00am	0	0
Wednesday, 30 January 2019	9:01am	Thursday, 31 January 2019	9:00am	0	0
Thursday, 31 January 2019	9:01am	Friday, 1 February 2019	9:00am	0	0
Friday, 1 February 2019	9:01am	Saturday, 2 February 2019	9:00am	3.2	0.4
Saturday, 2 February 2019	9:01am	Sunday, 3 February 2019	9:00am	1.4	0.4
Sunday, 3 February 2019	9:01am	Monday, 4 February 2019	9:00am	0.2	0.2
Monday, 4 February 2019	9:01am	Tuesday, 5 February 2019	9:00am	0.2	0.2
Tuesday, 5 February 2019	9:01am	Wednesday, 6 February 2019	9:00am	1.4	0.4
Wednesday, 6 February 2019	9:01am	Thursday, 7 February 2019	9:00am	1	0.2
Thursday, 7 February 2019	9:01am	Friday, 8 February 2019	9:00am	0	0
Friday, 8 February 2019	9:01am	Saturday, 9 February 2019	9:00am	0	0
Saturday, 9 February 2019	9:01am	Sunday, 10 February 2019	9:00am	0	0
Sunday, 10 February 2019	9:01am	Monday, 11 February 2019	9:00am	0	0
Monday, 11 February 2019	9:01am	Tuesday, 12 February 2019	9:00am	0	0
Tuesday, 12 February 2019	9:01am	Wednesday, 13 February 2019	9:00am	0	0
Wednesday, 13 February 2019	9:01am	Thursday, 14 February 2019	9:00am	0.2	0.2
Thursday, 14 February 2019	9:01am	Friday, 15 February 2019	9:00am	3.4	0.2
Friday, 15 February 2019	9:01am	Saturday, 16 February 2019	9:00am	0	0
Saturday, 16 February 2019	9:01am	Sunday, 17 February 2019	9:00am	0.4	0.2
Sunday, 17 February 2019	9:01am	Monday, 18 February 2019	9:00am	0	0
Monday, 18 February 2019	9:01am	Tuesday, 19 February 2019	9:00am	0	0
Tuesday, 19 February 2019	9:01am	Wednesday, 20 February 2019	9:00am	0	0
Wednesday, 20 February 2019	9:01am	Thursday, 21 February 2019	9:00am	1.8	0.2
Thursday, 21 February 2019	9:01am	Friday, 22 February 2019	9:00am	14.8	1.4
Friday, 22 February 2019	9:01am	Saturday, 23 February 2019	9:00am	14.6	1.2
Saturday, 23 February 2019	9:01am	Sunday, 24 February 2019	9:00am	9.6	0.6
Sunday, 24 February 2019	9:01am	Monday, 25 February 2019	9:00am	2	0.4
Monday, 25 February 2019	9:01am	Tuesday, 26 February 2019	9:00am	1.8	0.6

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 26 February 2019	9:01am	Wednesday, 27 February 2019	9:00am	0.2	0.2
Wednesday, 27 February 2019	9:01am	Thursday, 28 February 2019	9:00am	0	0
Thursday, 28 February 2019	9:01am	Friday, 1 March 2019	9:00am	0.6	0.2
Friday, 1 March 2019	9:01am	Saturday, 2 March 2019	9:00am	2.2	0.2
Saturday, 2 March 2019	9:01am	Sunday, 3 March 2019	9:00am	9	1.2
Sunday, 3 March 2019	9:01am	Monday, 4 March 2019	9:00am	2	0.4
Monday, 4 March 2019	9:01am	Tuesday, 5 March 2019	9:00am	0	0
Tuesday, 5 March 2019	9:01am	Wednesday, 6 March 2019	9:00am	0	0
Wednesday, 6 March 2019	9:01am	Thursday, 7 March 2019	9:00am	0	0
Thursday, 7 March 2019	9:01am	Friday, 8 March 2019	9:00am	2	0.8
Friday, 8 March 2019	9:01am	Saturday, 9 March 2019	9:00am	0.2	0.2
Saturday, 9 March 2019	9:01am	Sunday, 10 March 2019	9:00am	0	0
Sunday, 10 March 2019	9:01am	Monday, 11 March 2019	9:00am	0	0
Monday, 11 March 2019	9:01am	Tuesday, 12 March 2019	9:00am	0	0
Tuesday, 12 March 2019	9:01am	Wednesday, 13 March 2019	9:00am	0	0
Wednesday, 13 March 2019	9:01am	Thursday, 14 March 2019	9:00am	0	0
Thursday, 14 March 2019	9:01am	Friday, 15 March 2019	9:00am	2.8	0.2
Friday, 15 March 2019	9:01am	Saturday, 16 March 2019	9:00am	27.4	1
Saturday, 16 March 2019	9:01am	Sunday, 17 March 2019	9:00am	12.6	0.8
Sunday, 17 March 2019	9:01am	Monday, 18 March 2019	9:00am	4.6	0.2
Monday, 18 March 2019	9:01am	Tuesday, 19 March 2019	9:00am	0.2	0.2
Tuesday, 19 March 2019	9:01am	Wednesday, 20 March 2019	9:00am	0	0
Wednesday, 20 March 2019	9:01am	Thursday, 21 March 2019	9:00am	0.2	0.2
Thursday, 21 March 2019	9:01am	Friday, 22 March 2019	9:00am	0	0
Friday, 22 March 2019	9:01am	Saturday, 23 March 2019	9:00am	0.6	0.2
Saturday, 23 March 2019	9:01am	Sunday, 24 March 2019	9:00am	0	0
Sunday, 24 March 2019	9:01am	Monday, 25 March 2019	9:00am	0	0
Monday, 25 March 2019	9:01am	Tuesday, 26 March 2019	9:00am	0	0
Tuesday, 26 March 2019	9:01am	Wednesday, 27 March 2019	9:00am	22.2	0.8
Wednesday, 27 March 2019	9:01am	Thursday, 28 March 2019	9:00am	4	0.6
Thursday, 28 March 2019	9:01am	Friday, 29 March 2019	9:00am	3.6	1
Friday, 29 March 2019	9:01am	Saturday, 30 March 2019	9:00am	0.6	0.2
Saturday, 30 March 2019	9:01am	Sunday, 31 March 2019	9:00am	0.6	0.2
Sunday, 31 March 2019	9:01am	Monday, 1 April 2019	9:00am	0	0
Monday, 1 April 2019	9:01am	Tuesday, 2 April 2019	9:00am	6.2	0.8
Tuesday, 2 April 2019	9:01am	Wednesday, 3 April 2019	9:00am	80	3
Wednesday, 3 April 2019	9:01am	Thursday, 4 April 2019	9:00am	0	0
Thursday, 4 April 2019	9:01am	Friday, 5 April 2019	9:00am	0	0
Friday, 5 April 2019	9:01am	Saturday, 6 April 2019	9:00am	2.2	1
Saturday, 6 April 2019	9:01am	Sunday, 7 April 2019	9:00am	0	0
Sunday, 7 April 2019	9:01am	Monday, 8 April 2019	9:00am	0	0
Monday, 8 April 2019	9:01am	Tuesday, 9 April 2019	9:00am	0	0
Tuesday, 9 April 2019	9:01am	Wednesday, 10 April 2019	9:00am	0	0
Wednesday, 10 April 2019	9:01am	Thursday, 11 April 2019	9:00am	8.2	0.8
Thursday, 11 April 2019	9:01am	Friday, 12 April 2019	9:00am	10.2	1.2
Friday, 12 April 2019	9:01am	Saturday, 13 April 2019	9:00am	7.4	0.6
Saturday, 13 April 2019	9:01am	Sunday, 14 April 2019	9:00am	1.6	0.4
Sunday, 14 April 2019	9:01am	Monday, 15 April 2019	9:00am	0	0
Monday, 15 April 2019	9:01am	Tuesday, 16 April 2019	9:00am	9	0.4
Tuesday, 16 April 2019	9:01am	Wednesday, 17 April 2019	9:00am	14.4	1.6
Wednesday, 17 April 2019	9:01am	Thursday, 18 April 2019	9:00am	6.6	0.4
Thursday, 18 April 2019	9:01am	Friday, 19 April 2019	9:00am	5	0.6
Friday, 19 April 2019	9:01am	Saturday, 20 April 2019	9:00am	13	1.6
Saturday, 20 April 2019	9:01am	Sunday, 21 April 2019	9:00am	0.2	0.2
Sunday, 21 April 2019	9:01am	Monday, 22 April 2019	9:00am	0.4	0.2
Monday, 22 April 2019	9:01am	Tuesday, 23 April 2019	9:00am	2	0.4

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 23 April 2019	9:01am	Wednesday, 24 April 2019	9:00am	0.8	0.2
Wednesday, 24 April 2019	9:01am	Thursday, 25 April 2019	9:00am	1.4	0.2
Thursday, 25 April 2019	9:01am	Friday, 26 April 2019	9:00am	0	0
Friday, 26 April 2019	9:01am	Saturday, 27 April 2019	9:00am	0.2	0.2
Saturday, 27 April 2019	9:01am	Sunday, 28 April 2019	9:00am	0	0
Sunday, 28 April 2019	9:01am	Monday, 29 April 2019	9:00am	0.2	0.2
Monday, 29 April 2019	9:01am	Tuesday, 30 April 2019	9:00am	1.2	0.2
Tuesday, 30 April 2019	9:01am	Wednesday, 1 May 2019	9:00am	6.8	0.4
Wednesday, 1 May 2019	9:01am	Thursday, 2 May 2019	9:00am	3.4	0.4
Thursday, 2 May 2019	9:01am	Friday, 3 May 2019	9:00am	0	0
Friday, 3 May 2019	9:01am	Saturday, 4 May 2019	9:00am	0	0
Saturday, 4 May 2019	9:01am	Sunday, 5 May 2019	9:00am	3.4	0.2
Sunday, 5 May 2019	9:01am	Monday, 6 May 2019	9:00am	0	0
Monday, 6 May 2019	9:01am	Tuesday, 7 May 2019	9:00am	0	0
Tuesday, 7 May 2019	9:01am	Wednesday, 8 May 2019	9:00am	0	0
Wednesday, 8 May 2019	9:01am	Thursday, 9 May 2019	9:00am	0.2	0.2
Thursday, 9 May 2019	9:01am	Friday, 10 May 2019	9:00am	0	0
Friday, 10 May 2019	9:01am	Saturday, 11 May 2019	9:00am	1	0.4
Saturday, 11 May 2019	9:01am	Sunday, 12 May 2019	9:00am	0	0
Sunday, 12 May 2019	9:01am	Monday, 13 May 2019	9:00am	1.6	0.2
Monday, 13 May 2019	9:01am	Tuesday, 14 May 2019	9:00am	2.8	0.2
Tuesday, 14 May 2019	9:01am	Wednesday, 15 May 2019	9:00am	0	0
Wednesday, 15 May 2019	9:01am	Thursday, 16 May 2019	9:00am	0.2	0.2
Thursday, 16 May 2019	9:01am	Friday, 17 May 2019	9:00am	5.2	0.6
Friday, 17 May 2019	9:01am	Saturday, 18 May 2019	9:00am	0.8	0.2
Saturday, 18 May 2019	9:01am	Sunday, 19 May 2019	9:00am	4	1
Sunday, 19 May 2019	9:01am	Monday, 20 May 2019	9:00am	8.8	0.6
Monday, 20 May 2019	9:01am	Tuesday, 21 May 2019	9:00am	0	0
Tuesday, 21 May 2019	9:01am	Wednesday, 22 May 2019	9:00am	0.2	0.2
Wednesday, 22 May 2019	9:01am	Thursday, 23 May 2019	9:00am	1	0.4
Thursday, 23 May 2019	9:01am	Friday, 24 May 2019	9:00am	16	0.8
Friday, 24 May 2019	9:01am	Saturday, 25 May 2019	9:00am	0.2	0.2
Saturday, 25 May 2019	9:01am	Sunday, 26 May 2019	9:00am	0.2	0.2
Sunday, 26 May 2019	9:01am	Monday, 27 May 2019	9:00am	0.2	0.2
Monday, 27 May 2019	9:01am	Tuesday, 28 May 2019	9:00am	0	0
Tuesday, 28 May 2019	9:01am	Wednesday, 29 May 2019	9:00am	0	0
Wednesday, 29 May 2019	9:01am	Thursday, 30 May 2019	9:00am	0	0
Thursday, 30 May 2019	9:01am	Friday, 31 May 2019	9:00am	0	0
Friday, 31 May 2019	9:01am	Saturday, 1 June 2019	9:00am	0	0
Saturday, 1 June 2019	9:01am	Sunday, 2 June 2019	9:00am	29	1
Sunday, 2 June 2019	9:01am	Monday, 3 June 2019	9:00am	3	0.2
Monday, 3 June 2019	9:01am	Tuesday, 4 June 2019	9:00am	0.2	0.2
Tuesday, 4 June 2019	9:01am	Wednesday, 5 June 2019	9:00am	0	0
Wednesday, 5 June 2019	9:01am	Thursday, 6 June 2019	9:00am	0	0
Thursday, 6 June 2019	9:01am	Friday, 7 June 2019	9:00am	0	0
Friday, 7 June 2019	9:01am	Saturday, 8 June 2019	9:00am	4.2	0.6
Saturday, 8 June 2019	9:01am	Sunday, 9 June 2019	9:00am	10	0.4
Sunday, 9 June 2019	9:01am	Monday, 10 June 2019	9:00am	0.2	0.2
Monday, 10 June 2019	9:01am	Tuesday, 11 June 2019	9:00am	0.2	0.2
Tuesday, 11 June 2019	9:01am	Wednesday, 12 June 2019	9:00am	0.2	0.2
Wednesday, 12 June 2019	9:01am	Thursday, 13 June 2019	9:00am	0	0
Thursday, 13 June 2019	9:01am	Friday, 14 June 2019	9:00am	0	0
Friday, 14 June 2019	9:01am	Saturday, 15 June 2019	9:00am	16	2.6
Saturday, 15 June 2019	9:01am	Sunday, 16 June 2019	9:00am	6.6	0.8
Sunday, 16 June 2019	9:01am	Monday, 17 June 2019	9:00am	2	0.2
Monday, 17 June 2019	9:01am	Tuesday, 18 June 2019	9:00am	0	0

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 18 June 2019	9:01am	Wednesday, 19 June 2019	9:00am	0.2	0.2
Wednesday, 19 June 2019	9:01am	Thursday, 20 June 2019	9:00am	0	0
Thursday, 20 June 2019	9:01am	Friday, 21 June 2019	9:00am	2.6	0.2
Friday, 21 June 2019	9:01am	Saturday, 22 June 2019	9:00am	0	0
Saturday, 22 June 2019	9:01am	Sunday, 23 June 2019	9:00am	0	0
Sunday, 23 June 2019	9:01am	Monday, 24 June 2019	9:00am	4	0.6
Monday, 24 June 2019	9:01am	Tuesday, 25 June 2019	9:00am	81.2	2.8
Tuesday, 25 June 2019	9:01am	Wednesday, 26 June 2019	9:00am	7.6	1
Wednesday, 26 June 2019	9:01am	Thursday, 27 June 2019	9:00am	30	2.8
Thursday, 27 June 2019	9:01am	Friday, 28 June 2019	9:00am	11.6	0.8
Friday, 28 June 2019	9:01am	Saturday, 29 June 2019	9:00am	4	0.4
Saturday, 29 June 2019	9:01am	Sunday, 30 June 2019	9:00am	2	0.4
Sunday, 30 June 2019	9:01am	Monday, 1 July 2019	9:00am	2	0.2
Monday, 1 July 2019	9:01am	Tuesday, 2 July 2019	9:00am	2	0.2
Tuesday, 2 July 2019	9:01am	Wednesday, 3 July 2019	9:00am	0.4	0.2
Wednesday, 3 July 2019	9:01am	Thursday, 4 July 2019	9:00am	4.8	0.8
Thursday, 4 July 2019	9:01am	Friday, 5 July 2019	9:00am	12	1.2
Friday, 5 July 2019	9:01am	Saturday, 6 July 2019	9:00am	2.4	0.6
Saturday, 6 July 2019	9:01am	Sunday, 7 July 2019	9:00am	1	0.2
Sunday, 7 July 2019	9:01am	Monday, 8 July 2019	9:00am	19	1
Monday, 8 July 2019	9:01am	Tuesday, 9 July 2019	9:00am	0.4	0.2
Tuesday, 9 July 2019	9:01am	Wednesday, 10 July 2019	9:00am	0.2	0.2
Wednesday, 10 July 2019	9:01am	Thursday, 11 July 2019	9:00am	0	0
Thursday, 11 July 2019	9:01am	Friday, 12 July 2019	9:00am	0.2	0.2
Friday, 12 July 2019	9:01am	Saturday, 13 July 2019	9:00am	0	0
Saturday, 13 July 2019	9:01am	Sunday, 14 July 2019	9:00am	0	0
Sunday, 14 July 2019	9:01am	Monday, 15 July 2019	9:00am	0	0
Monday, 15 July 2019	9:01am	Tuesday, 16 July 2019	9:00am	0	0
Tuesday, 16 July 2019	9:01am	Wednesday, 17 July 2019	9:00am	0	0
Wednesday, 17 July 2019	9:01am	Thursday, 18 July 2019	9:00am	0	0
Thursday, 18 July 2019	9:01am	Friday, 19 July 2019	9:00am	0	0
Friday, 19 July 2019	9:01am	Saturday, 20 July 2019	9:00am	0	0
Saturday, 20 July 2019	9:01am	Sunday, 21 July 2019	9:00am	0	0
Sunday, 21 July 2019	9:01am	Monday, 22 July 2019	9:00am	0	0
Monday, 22 July 2019	9:01am	Tuesday, 23 July 2019	9:00am	0.2	0.2
Tuesday, 23 July 2019	9:01am	Wednesday, 24 July 2019	9:00am	0.2	0.2
Wednesday, 24 July 2019	9:01am	Thursday, 25 July 2019	9:00am	0	0
Thursday, 25 July 2019	9:01am	Friday, 26 July 2019	9:00am	0	0
Friday, 26 July 2019	9:01am	Saturday, 27 July 2019	9:00am	0	0
Saturday, 27 July 2019	9:01am	Sunday, 28 July 2019	9:00am	0	0
Sunday, 28 July 2019	9:01am	Monday, 29 July 2019	9:00am	7.4	1.4
Monday, 29 July 2019	9:01am	Tuesday, 30 July 2019	9:00am	0.2	0.2
Tuesday, 30 July 2019	9:01am	Wednesday, 31 July 2019	9:00am	1.2	0.2
Wednesday, 31 July 2019	9:01am	Thursday, 1 August 2019	9:00am	20	0.4
Thursday, 1 August 2019	9:01am	Friday, 2 August 2019	9:00am	3.6	0.4
Friday, 2 August 2019	9:01am	Saturday, 3 August 2019	9:00am	2	0.8
Saturday, 3 August 2019	9:01am	Sunday, 4 August 2019	9:00am	0.2	0.2
Sunday, 4 August 2019	9:01am	Monday, 5 August 2019	9:00am	0.2	0.2
Monday, 5 August 2019	9:01am	Tuesday, 6 August 2019	9:00am	0	0
Tuesday, 6 August 2019	9:01am	Wednesday, 7 August 2019	9:00am	0	0
Wednesday, 7 August 2019	9:01am	Thursday, 8 August 2019	9:00am	0	0
Thursday, 8 August 2019	9:01am	Friday, 9 August 2019	9:00am	0	0
Friday, 9 August 2019	9:01am	Saturday, 10 August 2019	9:00am	0	0
Saturday, 10 August 2019	9:01am	Sunday, 11 August 2019	9:00am	0	0
Sunday, 11 August 2019	9:01am	Monday, 12 August 2019	9:00am	0	0
Monday, 12 August 2019	9:01am	Tuesday, 13 August 2019	9:00am	0	0

**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)
Tuesday, 13 August 2019	9:01am	Wednesday, 14 August 2019	9:00am	0	0
Wednesday, 14 August 2019	9:01am	Thursday, 15 August 2019	9:00am	0	0
Thursday, 15 August 2019	9:01am	Friday, 16 August 2019	9:00am	0	0
Friday, 16 August 2019	9:01am	Saturday, 17 August 2019	9:00am	0	0
Saturday, 17 August 2019	9:01am	Sunday, 18 August 2019	9:00am	0	0
Sunday, 18 August 2019	9:01am	Monday, 19 August 2019	9:00am	0	0
Monday, 19 August 2019	9:01am	Tuesday, 20 August 2019	9:00am	0	0
Tuesday, 20 August 2019	9:01am	Wednesday, 21 August 2019	9:00am	0	0
Wednesday, 21 August 2019	9:01am	Thursday, 22 August 2019	9:00am	0	0
Thursday, 22 August 2019	9:01am	Friday, 23 August 2019	9:00am	0	0
Friday, 23 August 2019	9:01am	Saturday, 24 August 2019	9:00am	0	0
Saturday, 24 August 2019	9:01am	Sunday, 25 August 2019	9:00am	0	0
Sunday, 25 August 2019	9:01am	Monday, 26 August 2019	9:00am	0	0
Monday, 26 August 2019	9:01am	Tuesday, 27 August 2019	9:00am	0	0
Tuesday, 27 August 2019	9:01am	Wednesday, 28 August 2019	9:00am	0	0
Wednesday, 28 August 2019	9:01am	Thursday, 29 August 2019	9:00am	0	0
Thursday, 29 August 2019	9:01am	Friday, 30 August 2019	9:00am	0.4	0.2
Friday, 30 August 2019	9:01am	Saturday, 31 August 2019	9:00am	13.2	0.4
Saturday, 31 August 2019	9:01am	Sunday, 1 September 2019	9:00am	0.4	0.2
Sunday, 1 September 2019	9:01am	Monday, 2 September 2019	9:00am	0.2	0.2
Monday, 2 September 2019	9:01am	Tuesday, 3 September 2019	9:00am	0	0
Tuesday, 3 September 2019	9:01am	Wednesday, 4 September 2019	9:00am	0	0
Wednesday, 4 September 2019	9:01am	Thursday, 5 September 2019	9:00am	0.2	0.2
Thursday, 5 September 2019	9:01am	Friday, 6 September 2019	9:00am	0	0
Friday, 6 September 2019	9:01am	Saturday, 7 September 2019	9:00am	0	0
Saturday, 7 September 2019	9:01am	Sunday, 8 September 2019	9:00am	0	0
Sunday, 8 September 2019	9:01am	Monday, 9 September 2019	9:00am	0	0
Monday, 9 September 2019	9:01am	Tuesday, 10 September 2019	9:00am	0	0
Tuesday, 10 September 2019	9:01am	Wednesday, 11 September 2019	9:00am	0	0
Wednesday, 11 September 2019	9:01am	Thursday, 12 September 2019	9:00am	0	0
Thursday, 12 September 2019	9:01am	Friday, 13 September 2019	9:00am	0	0
Friday, 13 September 2019	9:01am	Saturday, 14 September 2019	9:00am	0	0
Saturday, 14 September 2019	9:01am	Sunday, 15 September 2019	9:00am	0	0
Sunday, 15 September 2019	9:01am	Monday, 16 September 2019	9:00am	0	0
Monday, 16 September 2019	9:01am	Tuesday, 17 September 2019	9:00am	0	0
Tuesday, 17 September 2019	9:01am	Wednesday, 18 September 2019	9:00am	0.8	0.2
Wednesday, 18 September 2019	9:01am	Thursday, 19 September 2019	9:00am	0.4	0.2
Thursday, 19 September 2019	9:01am	Friday, 20 September 2019	9:00am	0	0
Friday, 20 September 2019	9:01am	Saturday, 21 September 2019	9:00am	0	0
Saturday, 21 September 2019	9:01am	Sunday, 22 September 2019	9:00am	0.8	0.6
Sunday, 22 September 2019	9:01am	Monday, 23 September 2019	9:00am	0	0
Monday, 23 September 2019	9:01am	Tuesday, 24 September 2019	9:00am	0	0
Tuesday, 24 September 2019	9:01am	Wednesday, 25 September 2019	9:00am	0	0
Wednesday, 25 September 2019	9:01am	Thursday, 26 September 2019	9:00am	0	0
Thursday, 26 September 2019	9:01am	Friday, 27 September 2019	9:00am	2.2	0.2
Friday, 27 September 2019	9:01am	Saturday, 28 September 2019	9:00am	0	0
Saturday, 28 September 2019	9:01am	Sunday, 29 September 2019	9:00am	0	0
Sunday, 29 September 2019	9:01am	Monday, 30 September 2019	9:00am	0	0
Monday, 30 September 2019	9:01am	Tuesday, 1 October 2019	9:00am	0	0
Tuesday, 1 October 2019	9:01am	Wednesday, 2 October 2019	9:00am	0.8	0.4
Wednesday, 2 October 2019	9:01am	Thursday, 3 October 2019	9:00am	0	0
Thursday, 3 October 2019	9:01am	Friday, 4 October 2019	9:00am	0	0
Friday, 4 October 2019	9:01am	Saturday, 5 October 2019	9:00am	0	0
Saturday, 5 October 2019	9:01am	Sunday, 6 October 2019	9:00am	0.2	0.2
Sunday, 6 October 2019	9:01am	Monday, 7 October 2019	9:00am	0	0
Monday, 7 October 2019	9:01am	Tuesday, 8 October 2019	9:00am	0	0



**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 8 October 2019	9:01am	Wednesday, 9 October 2019	9:00am	0	0
Wednesday, 9 October 2019	9:01am	Thursday, 10 October 2019	9:00am	1.6	0.4
Thursday, 10 October 2019	9:01am	Friday, 11 October 2019	9:00am	0.4	0.2
Friday, 11 October 2019	9:01am	Saturday, 12 October 2019	9:00am	6	0.2
Saturday, 12 October 2019	9:01am	Sunday, 13 October 2019	9:00am	3.6	0.2
Sunday, 13 October 2019	9:01am	Monday, 14 October 2019	9:00am	0.2	0.2
Monday, 14 October 2019	9:01am	Tuesday, 15 October 2019	9:00am	0	0
Tuesday, 15 October 2019	9:01am	Wednesday, 16 October 2019	9:00am	0	0
Wednesday, 16 October 2019	9:01am	Thursday, 17 October 2019	9:00am	0	0
Thursday, 17 October 2019	9:01am	Friday, 18 October 2019	9:00am	0.2	0.2
Friday, 18 October 2019	9:01am	Saturday, 19 October 2019	9:00am	0	0
Saturday, 19 October 2019	9:01am	Sunday, 20 October 2019	9:00am	0	0
Sunday, 20 October 2019	9:01am	Monday, 21 October 2019	9:00am	0	0
Monday, 21 October 2019	9:01am	Tuesday, 22 October 2019	9:00am	0	0
Tuesday, 22 October 2019	9:01am	Wednesday, 23 October 2019	9:00am	0	0
Wednesday, 23 October 2019	9:01am	Thursday, 24 October 2019	9:00am	0	0
Thursday, 24 October 2019	9:01am	Friday, 25 October 2019	9:00am	0	0
Friday, 25 October 2019	9:01am	Saturday, 26 October 2019	9:00am	0	0
Saturday, 26 October 2019	9:01am	Sunday, 27 October 2019	9:00am	0	0
Sunday, 27 October 2019	9:01am	Monday, 28 October 2019	9:00am	0	0
Monday, 28 October 2019	9:01am	Tuesday, 29 October 2019	9:00am	0	0
Tuesday, 29 October 2019	9:01am	Wednesday, 30 October 2019	9:00am	0	0
Wednesday, 30 October 2019	9:01am	Thursday, 31 October 2019	9:00am	0	0
Thursday, 31 October 2019	9:01am	Friday, 1 November 2019	9:00am	1.8	0.4
Friday, 1 November 2019	9:01am	Saturday, 2 November 2019	9:00am	0.8	0.2
Saturday, 2 November 2019	9:01am	Sunday, 3 November 2019	9:00am	0	0
Sunday, 3 November 2019	9:01am	Monday, 4 November 2019	9:00am	0	0
Monday, 4 November 2019	9:01am	Tuesday, 5 November 2019	9:00am	0	0
Tuesday, 5 November 2019	9:01am	Wednesday, 6 November 2019	9:00am	1.6	0.4
Wednesday, 6 November 2019	9:01am	Thursday, 7 November 2019	9:00am	0	0
Thursday, 7 November 2019	9:01am	Friday, 8 November 2019	9:00am	0	0
Friday, 8 November 2019	9:01am	Saturday, 9 November 2019	9:00am	0	0
Saturday, 9 November 2019	9:01am	Sunday, 10 November 2019	9:00am	0	0
Sunday, 10 November 2019	9:01am	Monday, 11 November 2019	9:00am	0	0
Monday, 11 November 2019	9:01am	Tuesday, 12 November 2019	9:00am	0	0
Tuesday, 12 November 2019	9:01am	Wednesday, 13 November 2019	9:00am	0	0
Wednesday, 13 November 2019	9:01am	Thursday, 14 November 2019	9:00am	0	0
Thursday, 14 November 2019	9:01am	Friday, 15 November 2019	9:00am	0	0
Friday, 15 November 2019	9:01am	Saturday, 16 November 2019	9:00am	0	0
Saturday, 16 November 2019	9:01am	Sunday, 17 November 2019	9:00am	0	0
Sunday, 17 November 2019	9:01am	Monday, 18 November 2019	9:00am	0	0
Monday, 18 November 2019	9:01am	Tuesday, 19 November 2019	9:00am	0	0
Tuesday, 19 November 2019	9:01am	Wednesday, 20 November 2019	9:00am	0	0
Wednesday, 20 November 2019	9:01am	Thursday, 21 November 2019	9:00am	0	0
Thursday, 21 November 2019	9:01am	Friday, 22 November 2019	9:00am	0	0
Friday, 22 November 2019	9:01am	Saturday, 23 November 2019	9:00am	0	0
Saturday, 23 November 2019	9:01am	Sunday, 24 November 2019	9:00am	0	0
Sunday, 24 November 2019	9:01am	Monday, 25 November 2019	9:00am	0	0
Monday, 25 November 2019	9:01am	Tuesday, 26 November 2019	9:00am	0	0
Tuesday, 26 November 2019	9:01am	Wednesday, 27 November 2019	9:00am	0	0
Wednesday, 27 November 2019	9:01am	Thursday, 28 November 2019	9:00am	0	0
Thursday, 28 November 2019	9:01am	Friday, 29 November 2019	9:00am	0	0
Friday, 29 November 2019	9:01am	Saturday, 30 November 2019	9:00am	0.4	0.2
Saturday, 30 November 2019	9:01am	Sunday, 1 December 2019	9:00am	9	0.6
Sunday, 1 December 2019	9:01am	Monday, 2 December 2019	9:00am	9.4	1.2
Monday, 2 December 2019	9:01am	Tuesday, 3 December 2019	9:00am	0	0

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 3 December 2019	9:01am	Wednesday, 4 December 2019	9:00am	0	0
Wednesday, 4 December 2019	9:01am	Thursday, 5 December 2019	9:00am	0	0
Thursday, 5 December 2019	9:01am	Friday, 6 December 2019	9:00am	0	0
Friday, 6 December 2019	9:01am	Saturday, 7 December 2019	9:00am	0	0
Saturday, 7 December 2019	9:01am	Sunday, 8 December 2019	9:00am	0	0
Sunday, 8 December 2019	9:01am	Monday, 9 December 2019	9:00am	0	0
Monday, 9 December 2019	9:01am	Tuesday, 10 December 2019	9:00am	0	0
Tuesday, 10 December 2019	9:01am	Wednesday, 11 December 2019	9:00am	2	0.2
Wednesday, 11 December 2019	9:01am	Thursday, 12 December 2019	9:00am	2.4	0.2
Thursday, 12 December 2019	9:01am	Friday, 13 December 2019	9:00am	0.2	0.2
Friday, 13 December 2019	9:01am	Saturday, 14 December 2019	9:00am	0.6	0.4
Saturday, 14 December 2019	9:01am	Sunday, 15 December 2019	9:00am	0	0
Sunday, 15 December 2019	9:01am	Monday, 16 December 2019	9:00am	0	0
Monday, 16 December 2019	9:01am	Tuesday, 17 December 2019	9:00am	0	0
Tuesday, 17 December 2019	9:01am	Wednesday, 18 December 2019	9:00am	0	0
Wednesday, 18 December 2019	9:01am	Thursday, 19 December 2019	9:00am	0	0
Thursday, 19 December 2019	9:01am	Friday, 20 December 2019	9:00am	0	0
Friday, 20 December 2019	9:01am	Saturday, 21 December 2019	9:00am	0	0
Saturday, 21 December 2019	9:01am	Sunday, 22 December 2019	9:00am	0	0
Sunday, 22 December 2019	9:01am	Monday, 23 December 2019	9:00am	0	0
Monday, 23 December 2019	9:01am	Tuesday, 24 December 2019	9:00am	5.6	0.4
Tuesday, 24 December 2019	9:01am	Wednesday, 25 December 2019	9:00am	29.4	1
Wednesday, 25 December 2019	9:01am	Thursday, 26 December 2019	9:00am	3.2	0.6
Thursday, 26 December 2019	9:01am	Friday, 27 December 2019	9:00am	0	0
Friday, 27 December 2019	9:01am	Saturday, 28 December 2019	9:00am	0	0
Saturday, 28 December 2019	9:01am	Sunday, 29 December 2019	9:00am	0	0
Sunday, 29 December 2019	9:01am	Monday, 30 December 2019	9:00am	0	0
Monday, 30 December 2019	9:01am	Tuesday, 31 December 2019	9:00am	0	0
Tuesday, 31 December 2019	9:01am	Wednesday, 1 January 2020	9:00am	0	0
Wednesday, 1 January 2020	9:01am	Thursday, 2 January 2020	9:00am	0	0
Thursday, 2 January 2020	9:01am	Friday, 3 January 2020	9:00am	0	0
Friday, 3 January 2020	9:01am	Saturday, 4 January 2020	9:00am	0	0
Saturday, 4 January 2020	9:01am	Sunday, 5 January 2020	9:00am	0	0
Sunday, 5 January 2020	9:01am	Monday, 6 January 2020	9:00am	0	0
Monday, 6 January 2020	9:01am	Tuesday, 7 January 2020	9:00am	0	0
Tuesday, 7 January 2020	9:01am	Wednesday, 8 January 2020	9:00am	0	0
Wednesday, 8 January 2020	9:01am	Thursday, 9 January 2020	9:00am	0	0
Thursday, 9 January 2020	9:01am	Friday, 10 January 2020	9:00am	0.6	0.2
Friday, 10 January 2020	9:01am	Saturday, 11 January 2020	9:00am	0	0
Saturday, 11 January 2020	9:01am	Sunday, 12 January 2020	9:00am	12	0.6
Sunday, 12 January 2020	9:01am	Monday, 13 January 2020	9:00am	0	0
Monday, 13 January 2020	9:01am	Tuesday, 14 January 2020	9:00am	0.2	0.2
Tuesday, 14 January 2020	9:01am	Wednesday, 15 January 2020	9:00am	8.2	1.2
Wednesday, 15 January 2020	9:01am	Thursday, 16 January 2020	9:00am	0	0
Thursday, 16 January 2020	9:01am	Friday, 17 January 2020	9:00am	7.8	1
Friday, 17 January 2020	9:01am	Saturday, 18 January 2020	9:00am	62.8	2
Saturday, 18 January 2020	9:01am	Sunday, 19 January 2020	9:00am	40.2	0.8
Sunday, 19 January 2020	9:01am	Monday, 20 January 2020	9:00am	1.4	0.2
Monday, 20 January 2020	9:01am	Tuesday, 21 January 2020	9:00am	0.4	0.2
Tuesday, 21 January 2020	9:01am	Wednesday, 22 January 2020	9:00am	0.2	0.2
Wednesday, 22 January 2020	9:01am	Thursday, 23 January 2020	9:00am	0	0
Thursday, 23 January 2020	9:01am	Friday, 24 January 2020	9:00am	0	0
Friday, 24 January 2020	9:01am	Saturday, 25 January 2020	9:00am	0	0
Saturday, 25 January 2020	9:01am	Sunday, 26 January 2020	9:00am	9.8	0.8
Sunday, 26 January 2020	9:01am	Monday, 27 January 2020	9:00am	0.2	0.2
Monday, 27 January 2020	9:01am	Tuesday, 28 January 2020	9:00am	0	0

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 28 January 2020	9:01am	Wednesday, 29 January 2020	9:00am	0	0
Wednesday, 29 January 2020	9:01am	Thursday, 30 January 2020	9:00am	0	0
Thursday, 30 January 2020	9:01am	Friday, 31 January 2020	9:00am	2.2	1.8
Friday, 31 January 2020	9:01am	Saturday, 1 February 2020	9:00am	0	0
Saturday, 1 February 2020	9:01am	Sunday, 2 February 2020	9:00am	0	0
Sunday, 2 February 2020	9:01am	Monday, 3 February 2020	9:00am	0	0
Monday, 3 February 2020	9:01am	Tuesday, 4 February 2020	9:00am	24.8	1.6
Tuesday, 4 February 2020	9:01am	Wednesday, 5 February 2020	9:00am	3.4	0.4
Wednesday, 5 February 2020	9:01am	Thursday, 6 February 2020	9:00am	8.6	0.4
Thursday, 6 February 2020	9:01am	Friday, 7 February 2020	9:00am	174.4	2.4
Friday, 7 February 2020	9:01am	Saturday, 8 February 2020	9:00am	4.2	0.2
Saturday, 8 February 2020	9:01am	Sunday, 9 February 2020	9:00am	85.4	1.6
Sunday, 9 February 2020	9:01am	Monday, 10 February 2020	9:00am	27.8	1.4
Monday, 10 February 2020	9:01am	Tuesday, 11 February 2020	9:00am	0.6	0.2
Tuesday, 11 February 2020	9:01am	Wednesday, 12 February 2020	9:00am	0.2	0.2
Wednesday, 12 February 2020	9:01am	Thursday, 13 February 2020	9:00am	77.4	1
Thursday, 13 February 2020	9:01am	Friday, 14 February 2020	9:00am	2	0.8
Friday, 14 February 2020	9:01am	Saturday, 15 February 2020	9:00am	1.4	0.4
Saturday, 15 February 2020	9:01am	Sunday, 16 February 2020	9:00am	0.2	0.2
Sunday, 16 February 2020	9:01am	Monday, 17 February 2020	9:00am	0	0
Monday, 17 February 2020	9:01am	Tuesday, 18 February 2020	9:00am	14	0.6
Tuesday, 18 February 2020	9:01am	Wednesday, 19 February 2020	9:00am	0	0
Wednesday, 19 February 2020	9:01am	Thursday, 20 February 2020	9:00am	0	0
Thursday, 20 February 2020	9:01am	Friday, 21 February 2020	9:00am	0	0
Friday, 21 February 2020	9:01am	Saturday, 22 February 2020	9:00am	3	0.4
Saturday, 22 February 2020	9:01am	Sunday, 23 February 2020	9:00am	0.6	0.2
Sunday, 23 February 2020	9:01am	Monday, 24 February 2020	9:00am	9.2	0.4
Monday, 24 February 2020	9:01am	Tuesday, 25 February 2020	9:00am	27.4	0.6
Tuesday, 25 February 2020	9:01am	Wednesday, 26 February 2020	9:00am	1	0.2
Wednesday, 26 February 2020	9:01am	Thursday, 27 February 2020	9:00am	14.6	0.8
Thursday, 27 February 2020	9:01am	Friday, 28 February 2020	9:00am	0.2	0.2
Friday, 28 February 2020	9:01am	Saturday, 29 February 2020	9:00am	4.4	0.6
Saturday, 29 February 2020	9:01am	Sunday, 1 March 2020	9:00am	0.2	0.2
Sunday, 1 March 2020	9:01am	Monday, 2 March 2020	9:00am	0	0
Monday, 2 March 2020	9:01am	Tuesday, 3 March 2020	9:00am	0	0
Tuesday, 3 March 2020	9:01am	Wednesday, 4 March 2020	9:00am	0.2	0.2
Wednesday, 4 March 2020	9:01am	Thursday, 5 March 2020	9:00am	0	0
Thursday, 5 March 2020	9:01am	Friday, 6 March 2020	9:00am	0	0
Friday, 6 March 2020	9:01am	Saturday, 7 March 2020	9:00am	16.4	1.4
Saturday, 7 March 2020	9:01am	Sunday, 8 March 2020	9:00am	10.8	0.4
Sunday, 8 March 2020	9:01am	Monday, 9 March 2020	9:00am	1.4	0.2
Monday, 9 March 2020	9:01am	Tuesday, 10 March 2020	9:00am	35.2	1.2
Tuesday, 10 March 2020	9:01am	Wednesday, 11 March 2020	9:00am	2	0.2
Wednesday, 11 March 2020	9:01am	Thursday, 12 March 2020	9:00am	3.4	1
Thursday, 12 March 2020	9:01am	Friday, 13 March 2020	9:00am	2.6	0.2
Friday, 13 March 2020	9:01am	Saturday, 14 March 2020	9:00am	0	0
Saturday, 14 March 2020	9:01am	Sunday, 15 March 2020	9:00am	3.6	0.2
Sunday, 15 March 2020	9:01am	Monday, 16 March 2020	9:00am	5	0.4
Monday, 16 March 2020	9:01am	Tuesday, 17 March 2020	9:00am	1.6	0.2
Tuesday, 17 March 2020	9:01am	Wednesday, 18 March 2020	9:00am	0	0
Wednesday, 18 March 2020	9:01am	Thursday, 19 March 2020	9:00am	0.2	0.2
Thursday, 19 March 2020	9:01am	Friday, 20 March 2020	9:00am	0	0
Friday, 20 March 2020	9:01am	Saturday, 21 March 2020	9:00am	0	0
Saturday, 21 March 2020	9:01am	Sunday, 22 March 2020	9:00am	0	0
Sunday, 22 March 2020	9:01am	Monday, 23 March 2020	9:00am	0.2	0.2
Monday, 23 March 2020	9:01am	Tuesday, 24 March 2020	9:00am	2.6	0.2



**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 24 March 2020	9:01am	Wednesday, 25 March 2020	9:00am	3.4	0.2
Wednesday, 25 March 2020	9:01am	Thursday, 26 March 2020	9:00am	0	0
Thursday, 26 March 2020	9:01am	Friday, 27 March 2020	9:00am	5.8	0.2
Friday, 27 March 2020	9:01am	Saturday, 28 March 2020	9:00am	5.8	0.4
Saturday, 28 March 2020	9:01am	Sunday, 29 March 2020	9:00am	1.4	0.2
Sunday, 29 March 2020	9:01am	Monday, 30 March 2020	9:00am	2.8	0.4
Monday, 30 March 2020	9:01am	Tuesday, 31 March 2020	9:00am	2.4	0.2
Tuesday, 31 March 2020	9:01am	Wednesday, 1 April 2020	9:00am	0	0
Wednesday, 1 April 2020	9:01am	Thursday, 2 April 2020	9:00am	0	0
Thursday, 2 April 2020	9:01am	Friday, 3 April 2020	9:00am	0.8	0.2
Friday, 3 April 2020	9:01am	Saturday, 4 April 2020	9:00am	0	0
Saturday, 4 April 2020	9:01am	Sunday, 5 April 2020	9:00am	1.6	0.2
Sunday, 5 April 2020	9:01am	Monday, 6 April 2020	9:00am	0.2	0.2
Monday, 6 April 2020	9:01am	Tuesday, 7 April 2020	9:00am	0	0
Tuesday, 7 April 2020	9:01am	Wednesday, 8 April 2020	9:00am	18	2
Wednesday, 8 April 2020	9:01am	Thursday, 9 April 2020	9:00am	0	0
Thursday, 9 April 2020	9:01am	Friday, 10 April 2020	9:00am	34	1.2
Friday, 10 April 2020	9:01am	Saturday, 11 April 2020	9:00am	2	0.2
Saturday, 11 April 2020	9:01am	Sunday, 12 April 2020	9:00am	0	0
Sunday, 12 April 2020	9:01am	Monday, 13 April 2020	9:00am	0	0
Monday, 13 April 2020	9:01am	Tuesday, 14 April 2020	9:00am	0	0
Tuesday, 14 April 2020	9:01am	Wednesday, 15 April 2020	9:00am	0	0
Wednesday, 15 April 2020	9:01am	Thursday, 16 April 2020	9:00am	0	0
Thursday, 16 April 2020	9:01am	Friday, 17 April 2020	9:00am	0	0
Friday, 17 April 2020	9:01am	Saturday, 18 April 2020	9:00am	0	0
Saturday, 18 April 2020	9:01am	Sunday, 19 April 2020	9:00am	0	0
Sunday, 19 April 2020	9:01am	Monday, 20 April 2020	9:00am	0	0
Monday, 20 April 2020	9:01am	Tuesday, 21 April 2020	9:00am	0	0
Tuesday, 21 April 2020	9:01am	Wednesday, 22 April 2020	9:00am	0	0
Wednesday, 22 April 2020	9:01am	Thursday, 23 April 2020	9:00am	0	0
Thursday, 23 April 2020	9:01am	Friday, 24 April 2020	9:00am	0	0
Friday, 24 April 2020	9:01am	Saturday, 25 April 2020	9:00am	0	0
Saturday, 25 April 2020	9:01am	Sunday, 26 April 2020	9:00am	0	0
Sunday, 26 April 2020	9:01am	Monday, 27 April 2020	9:00am	0	0
Monday, 27 April 2020	9:01am	Tuesday, 28 April 2020	9:00am	5.6	0.8
Tuesday, 28 April 2020	9:01am	Wednesday, 29 April 2020	9:00am	14.8	1.8
Wednesday, 29 April 2020	9:01am	Thursday, 30 April 2020	9:00am	0	0
Thursday, 30 April 2020	9:01am	Friday, 1 May 2020	9:00am	0	0
Friday, 1 May 2020	9:01am	Saturday, 2 May 2020	9:00am	0	0
Saturday, 2 May 2020	9:01am	Sunday, 3 May 2020	9:00am	0	0
Sunday, 3 May 2020	9:01am	Monday, 4 May 2020	9:00am	0	0
Monday, 4 May 2020	9:01am	Tuesday, 5 May 2020	9:00am	0	0
Tuesday, 5 May 2020	9:01am	Wednesday, 6 May 2020	9:00am	10.6	0.6
Wednesday, 6 May 2020	9:01am	Thursday, 7 May 2020	9:00am	0.4	0.2
Thursday, 7 May 2020	9:01am	Friday, 8 May 2020	9:00am	0	0
Friday, 8 May 2020	9:01am	Saturday, 9 May 2020	9:00am	0	0
Saturday, 9 May 2020	9:01am	Sunday, 10 May 2020	9:00am	5.6	0.4
Sunday, 10 May 2020	9:01am	Monday, 11 May 2020	9:00am	0	0
Monday, 11 May 2020	9:01am	Tuesday, 12 May 2020	9:00am	0	0
Tuesday, 12 May 2020	9:01am	Wednesday, 13 May 2020	9:00am	0	0
Wednesday, 13 May 2020	9:01am	Thursday, 14 May 2020	9:00am	0	0
Thursday, 14 May 2020	9:01am	Friday, 15 May 2020	9:00am	1.8	0.2
Friday, 15 May 2020	9:01am	Saturday, 16 May 2020	9:00am	10.4	0.6
Saturday, 16 May 2020	9:01am	Sunday, 17 May 2020	9:00am	14.6	1
Sunday, 17 May 2020	9:01am	Monday, 18 May 2020	9:00am	34	1.4
Monday, 18 May 2020	9:01am	Tuesday, 19 May 2020	9:00am	0.2	0.2

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 19 May 2020	9:01am	Wednesday, 20 May 2020	9:00am	4.6	0.6
Wednesday, 20 May 2020	9:01am	Thursday, 21 May 2020	9:00am	0	0
Thursday, 21 May 2020	9:01am	Friday, 22 May 2020	9:00am	2.8	0.2
Friday, 22 May 2020	9:01am	Saturday, 23 May 2020	9:00am	0	0
Saturday, 23 May 2020	9:01am	Sunday, 24 May 2020	9:00am	0	0
Sunday, 24 May 2020	9:01am	Monday, 25 May 2020	9:00am	0	0
Monday, 25 May 2020	9:01am	Tuesday, 26 May 2020	9:00am	0	0
Tuesday, 26 May 2020	9:01am	Wednesday, 27 May 2020	9:00am	0	0
Wednesday, 27 May 2020	9:01am	Thursday, 28 May 2020	9:00am	0	0
Thursday, 28 May 2020	9:01am	Friday, 29 May 2020	9:00am	0	0
Friday, 29 May 2020	9:01am	Saturday, 30 May 2020	9:00am	10.8	0.8
Saturday, 30 May 2020	9:01am	Sunday, 31 May 2020	9:00am	4.8	0.8
Sunday, 31 May 2020	9:01am	Monday, 1 June 2020	9:00am	0.2	0.2
Monday, 1 June 2020	9:01am	Tuesday, 2 June 2020	9:00am	0.6	0.2
Tuesday, 2 June 2020	9:01am	Wednesday, 3 June 2020	9:00am	0	0
Wednesday, 3 June 2020	9:01am	Thursday, 4 June 2020	9:00am	0	0
Thursday, 4 June 2020	9:01am	Friday, 5 June 2020	9:00am	0	0
Friday, 5 June 2020	9:01am	Saturday, 6 June 2020	9:00am	0	0
Saturday, 6 June 2020	9:01am	Sunday, 7 June 2020	9:00am	0	0
Sunday, 7 June 2020	9:01am	Monday, 8 June 2020	9:00am	6.4	1.2
Monday, 8 June 2020	9:01am	Tuesday, 9 June 2020	9:00am	1.2	0.4
Tuesday, 9 June 2020	9:01am	Wednesday, 10 June 2020	9:00am	24.2	2.2
Wednesday, 10 June 2020	9:01am	Thursday, 11 June 2020	9:00am	31.4	1.4
Thursday, 11 June 2020	9:01am	Friday, 12 June 2020	9:00am	0.2	0.2
Friday, 12 June 2020	9:01am	Saturday, 13 June 2020	9:00am	0	0
Saturday, 13 June 2020	9:01am	Sunday, 14 June 2020	9:00am	0.2	0.2
Sunday, 14 June 2020	9:01am	Monday, 15 June 2020	9:00am	14	0.8
Monday, 15 June 2020	9:01am	Tuesday, 16 June 2020	9:00am	0.4	0.2
Tuesday, 16 June 2020	9:01am	Wednesday, 17 June 2020	9:00am	0.2	0.2
Wednesday, 17 June 2020	9:01am	Thursday, 18 June 2020	9:00am	3.6	0.6
Thursday, 18 June 2020	9:01am	Friday, 19 June 2020	9:00am	15.8	0.8
Friday, 19 June 2020	9:01am	Saturday, 20 June 2020	9:00am	2.8	0.4
Saturday, 20 June 2020	9:01am	Sunday, 21 June 2020	9:00am	0.2	0.2
Sunday, 21 June 2020	9:01am	Monday, 22 June 2020	9:00am	1.4	0.2
Monday, 22 June 2020	9:01am	Tuesday, 23 June 2020	9:00am	0	0
Tuesday, 23 June 2020	9:01am	Wednesday, 24 June 2020	9:00am	0	0
Wednesday, 24 June 2020	9:01am	Thursday, 25 June 2020	9:00am	0	0
Thursday, 25 June 2020	9:01am	Friday, 26 June 2020	9:00am	0	0
Friday, 26 June 2020	9:01am	Saturday, 27 June 2020	9:00am	0.2	0.2
Saturday, 27 June 2020	9:01am	Sunday, 28 June 2020	9:00am	21	1.6
Sunday, 28 June 2020	9:01am	Monday, 29 June 2020	9:00am	0.4	0.2
Monday, 29 June 2020	9:01am	Tuesday, 30 June 2020	9:00am	8.4	0.4
Tuesday, 30 June 2020	9:01am	Wednesday, 1 July 2020	9:00am	0.2	0.2
Wednesday, 1 July 2020	9:01am	Thursday, 2 July 2020	9:00am	0.2	0.2
Thursday, 2 July 2020	9:01am	Friday, 3 July 2020	9:00am	0	0
Friday, 3 July 2020	9:01am	Saturday, 4 July 2020	9:00am	0.2	0.2
Saturday, 4 July 2020	9:01am	Sunday, 5 July 2020	9:00am	0.2	0.2
Sunday, 5 July 2020	9:01am	Monday, 6 July 2020	9:00am	0	0
Monday, 6 July 2020	9:01am	Tuesday, 7 July 2020	9:00am	0	0
Tuesday, 7 July 2020	9:01am	Wednesday, 8 July 2020	9:00am	0	0
Wednesday, 8 July 2020	9:01am	Thursday, 9 July 2020	9:00am	14.6	0.2
Thursday, 9 July 2020	9:01am	Friday, 10 July 2020	9:00am	0.2	0.2
Friday, 10 July 2020	9:01am	Saturday, 11 July 2020	9:00am	0	0
Saturday, 11 July 2020	9:01am	Sunday, 12 July 2020	9:00am	0	0
Sunday, 12 July 2020	9:01am	Monday, 13 July 2020	9:00am	1.6	0.2
Monday, 13 July 2020	9:01am	Tuesday, 14 July 2020	9:00am	0	0

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 14 July 2020	9:01am	Wednesday, 15 July 2020	9:00am	0.2	0.2
Wednesday, 15 July 2020	9:01am	Thursday, 16 July 2020	9:00am	0	0
Thursday, 16 July 2020	9:01am	Friday, 17 July 2020	9:00am	0	0
Friday, 17 July 2020	9:01am	Saturday, 18 July 2020	9:00am	0	0
Saturday, 18 July 2020	9:01am	Sunday, 19 July 2020	9:00am	0	0
Sunday, 19 July 2020	9:01am	Monday, 20 July 2020	9:00am	0.2	0.2
Monday, 20 July 2020	9:01am	Tuesday, 21 July 2020	9:00am	0	0
Tuesday, 21 July 2020	9:01am	Wednesday, 22 July 2020	9:00am	0	0
Wednesday, 22 July 2020	9:01am	Thursday, 23 July 2020	9:00am	0.2	0.2
Thursday, 23 July 2020	9:01am	Friday, 24 July 2020	9:00am	30	1
Friday, 24 July 2020	9:01am	Saturday, 25 July 2020	9:00am	47.2	1.2
Saturday, 25 July 2020	9:01am	Sunday, 26 July 2020	9:00am	41.8	0.8
Sunday, 26 July 2020	9:01am	Monday, 27 July 2020	9:00am	22.2	0.4
Monday, 27 July 2020	9:01am	Tuesday, 28 July 2020	9:00am	0	0
Tuesday, 28 July 2020	9:01am	Wednesday, 29 July 2020	9:00am	0	0
Wednesday, 29 July 2020	9:01am	Thursday, 30 July 2020	9:00am	0	0
Thursday, 30 July 2020	9:01am	Friday, 31 July 2020	9:00am	0	0
Friday, 31 July 2020	9:01am	Saturday, 1 August 2020	9:00am	3	0.2
Saturday, 1 August 2020	9:01am	Sunday, 2 August 2020	9:00am	0.4	0.2
Sunday, 2 August 2020	9:01am	Monday, 3 August 2020	9:00am	0.2	0.2
Monday, 3 August 2020	9:01am	Tuesday, 4 August 2020	9:00am	0	0
Tuesday, 4 August 2020	9:01am	Wednesday, 5 August 2020	9:00am	0	0
Wednesday, 5 August 2020	9:01am	Thursday, 6 August 2020	9:00am	0	0
Thursday, 6 August 2020	9:01am	Friday, 7 August 2020	9:00am	0	0
Friday, 7 August 2020	9:01am	Saturday, 8 August 2020	9:00am	17.4	0.4
Saturday, 8 August 2020	9:01am	Sunday, 9 August 2020	9:00am	0	0
Sunday, 9 August 2020	9:01am	Monday, 10 August 2020	9:00am	0	0
Monday, 10 August 2020	9:01am	Tuesday, 11 August 2020	9:00am	0	0
Tuesday, 11 August 2020	9:01am	Wednesday, 12 August 2020	9:00am	0	0
Wednesday, 12 August 2020	9:01am	Thursday, 13 August 2020	9:00am	0	0
Thursday, 13 August 2020	9:01am	Friday, 14 August 2020	9:00am	0	0
Friday, 14 August 2020	9:01am	Saturday, 15 August 2020	9:00am	14.4	1
Saturday, 15 August 2020	9:01am	Sunday, 16 August 2020	9:00am	0.4	0.2
Sunday, 16 August 2020	9:01am	Monday, 17 August 2020	9:00am	0	0
Monday, 17 August 2020	9:01am	Tuesday, 18 August 2020	9:00am	0	0
Tuesday, 18 August 2020	9:01am	Wednesday, 19 August 2020	9:00am	0	0
Wednesday, 19 August 2020	9:01am	Thursday, 20 August 2020	9:00am	0	0
Thursday, 20 August 2020	9:01am	Friday, 21 August 2020	9:00am	0	0
Friday, 21 August 2020	9:01am	Saturday, 22 August 2020	9:00am	0	0
Saturday, 22 August 2020	9:01am	Sunday, 23 August 2020	9:00am	0	0
Sunday, 23 August 2020	9:01am	Monday, 24 August 2020	9:00am	0	0
Monday, 24 August 2020	9:01am	Tuesday, 25 August 2020	9:00am	0	0
Tuesday, 25 August 2020	9:01am	Wednesday, 26 August 2020	9:00am	0.4	0.2
Wednesday, 26 August 2020	9:01am	Thursday, 27 August 2020	9:00am	0	0
Thursday, 27 August 2020	9:01am	Friday, 28 August 2020	9:00am	0	0
Friday, 28 August 2020	9:01am	Saturday, 29 August 2020	9:00am	0	0
Saturday, 29 August 2020	9:01am	Sunday, 30 August 2020	9:00am	0	0
Sunday, 30 August 2020	9:01am	Monday, 31 August 2020	9:00am	0	0
Monday, 31 August 2020	9:01am	Tuesday, 1 September 2020	9:00am	9.8	1.2
Tuesday, 1 September 2020	9:01am	Wednesday, 2 September 2020	9:00am	3.8	0.8
Wednesday, 2 September 2020	9:01am	Thursday, 3 September 2020	9:00am	0.2	0.2
Thursday, 3 September 2020	9:01am	Friday, 4 September 2020	9:00am	0	0
Friday, 4 September 2020	9:01am	Saturday, 5 September 2020	9:00am	0	0
Saturday, 5 September 2020	9:01am	Sunday, 6 September 2020	9:00am	0	0
Sunday, 6 September 2020	9:01am	Monday, 7 September 2020	9:00am	0.4	0.2
Monday, 7 September 2020	9:01am	Tuesday, 8 September 2020	9:00am	0	0

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 8 September 2020	9:01am	Wednesday, 9 September 2020	9:00am	0	0
Wednesday, 9 September 2020	9:01am	Thursday, 10 September 2020	9:00am	17.2	0.4
Thursday, 10 September 2020	9:01am	Friday, 11 September 2020	9:00am	12.8	1
Friday, 11 September 2020	9:01am	Saturday, 12 September 2020	9:00am	0.4	0.2
Saturday, 12 September 2020	9:01am	Sunday, 13 September 2020	9:00am	0	0
Sunday, 13 September 2020	9:01am	Monday, 14 September 2020	9:00am	0.2	0.2
Monday, 14 September 2020	9:01am	Tuesday, 15 September 2020	9:00am	0	0
Tuesday, 15 September 2020	9:01am	Wednesday, 16 September 2020	9:00am	0	0
Wednesday, 16 September 2020	9:01am	Thursday, 17 September 2020	9:00am	0.2	0.2
Thursday, 17 September 2020	9:01am	Friday, 18 September 2020	9:00am	0.2	0.2
Friday, 18 September 2020	9:01am	Saturday, 19 September 2020	9:00am	0	0
Saturday, 19 September 2020	9:01am	Sunday, 20 September 2020	9:00am	3.8	1
Sunday, 20 September 2020	9:01am	Monday, 21 September 2020	9:00am	0	0
Monday, 21 September 2020	9:01am	Tuesday, 22 September 2020	9:00am	0.2	0.2
Tuesday, 22 September 2020	9:01am	Wednesday, 23 September 2020	9:00am	0	0
Wednesday, 23 September 2020	9:01am	Thursday, 24 September 2020	9:00am	0	0
Thursday, 24 September 2020	9:01am	Friday, 25 September 2020	9:00am	0	0
Friday, 25 September 2020	9:01am	Saturday, 26 September 2020	9:00am	0	0
Saturday, 26 September 2020	9:01am	Sunday, 27 September 2020	9:00am	0	0
Sunday, 27 September 2020	9:01am	Monday, 28 September 2020	9:00am	0	0
Monday, 28 September 2020	9:01am	Tuesday, 29 September 2020	9:00am	2.4	0.2
Tuesday, 29 September 2020	9:01am	Wednesday, 30 September 2020	9:00am	0	0
Wednesday, 30 September 2020	9:01am	Thursday, 1 October 2020	9:00am	0	0
Thursday, 1 October 2020	9:01am	Friday, 2 October 2020	9:00am	0	0
Friday, 2 October 2020	9:01am	Saturday, 3 October 2020	9:00am	0.2	0.2
Saturday, 3 October 2020	9:01am	Sunday, 4 October 2020	9:00am	0	0
Sunday, 4 October 2020	9:01am	Monday, 5 October 2020	9:00am	0	0
Monday, 5 October 2020	9:01am	Tuesday, 6 October 2020	9:00am	0	0
Tuesday, 6 October 2020	9:01am	Wednesday, 7 October 2020	9:00am	0	0
Wednesday, 7 October 2020	9:01am	Thursday, 8 October 2020	9:00am	0	0
Thursday, 8 October 2020	9:01am	Friday, 9 October 2020	9:00am	0	0
Friday, 9 October 2020	9:01am	Saturday, 10 October 2020	9:00am	0.4	0.2
Saturday, 10 October 2020	9:01am	Sunday, 11 October 2020	9:00am	0	0
Sunday, 11 October 2020	9:01am	Monday, 12 October 2020	9:00am	0	0
Monday, 12 October 2020	9:01am	Tuesday, 13 October 2020	9:00am	0	0
Tuesday, 13 October 2020	9:01am	Wednesday, 14 October 2020	9:00am	0	0
Wednesday, 14 October 2020	9:01am	Thursday, 15 October 2020	9:00am	0	0
Thursday, 15 October 2020	9:01am	Friday, 16 October 2020	9:00am	0	0
Friday, 16 October 2020	9:01am	Saturday, 17 October 2020	9:00am	0	0
Saturday, 17 October 2020	9:01am	Sunday, 18 October 2020	9:00am	0	0
Sunday, 18 October 2020	9:01am	Monday, 19 October 2020	9:00am	13.4	0.6
Monday, 19 October 2020	9:01am	Tuesday, 20 October 2020	9:00am	0.2	0.2
Tuesday, 20 October 2020	9:01am	Wednesday, 21 October 2020	9:00am	0	0
Wednesday, 21 October 2020	9:01am	Thursday, 22 October 2020	9:00am	0	0
Thursday, 22 October 2020	9:01am	Friday, 23 October 2020	9:00am	0	0
Friday, 23 October 2020	9:01am	Saturday, 24 October 2020	9:00am	2.8	0.6
Saturday, 24 October 2020	9:01am	Sunday, 25 October 2020	9:00am	3.8	0.2
Sunday, 25 October 2020	9:01am	Monday, 26 October 2020	9:00am	9.4	0.8
Monday, 26 October 2020	9:01am	Tuesday, 27 October 2020	9:00am	0	0
Tuesday, 27 October 2020	9:01am	Wednesday, 28 October 2020	9:00am	5.8	0.2
Wednesday, 28 October 2020	9:01am	Thursday, 29 October 2020	9:00am	3.6	0.2
Thursday, 29 October 2020	9:01am	Friday, 30 October 2020	9:00am	5.8	1
Friday, 30 October 2020	9:01am	Saturday, 31 October 2020	9:00am	0	0
Saturday, 31 October 2020	9:01am	Sunday, 1 November 2020	9:00am	0.2	0.2
Sunday, 1 November 2020	9:01am	Monday, 2 November 2020	9:00am	0	0
Monday, 2 November 2020	9:01am	Tuesday, 3 November 2020	9:00am	0	0

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 3 November 2020	9:01am	Wednesday, 4 November 2020	9:00am	0	0
Wednesday, 4 November 2020	9:01am	Thursday, 5 November 2020	9:00am	0	0
Thursday, 5 November 2020	9:01am	Friday, 6 November 2020	9:00am	1	0.4
Friday, 6 November 2020	9:01am	Saturday, 7 November 2020	9:00am	0	0
Saturday, 7 November 2020	9:01am	Sunday, 8 November 2020	9:00am	10.4	0.8
Sunday, 8 November 2020	9:01am	Monday, 9 November 2020	9:00am	0	0
Monday, 9 November 2020	9:01am	Tuesday, 10 November 2020	9:00am	0.8	0.2
Tuesday, 10 November 2020	9:01am	Wednesday, 11 November 2020	9:00am	0	0
Wednesday, 11 November 2020	9:01am	Thursday, 12 November 2020	9:00am	0	0
Thursday, 12 November 2020	9:01am	Friday, 13 November 2020	9:00am	0	0
Friday, 13 November 2020	9:01am	Saturday, 14 November 2020	9:00am	0.6	0.2
Saturday, 14 November 2020	9:01am	Sunday, 15 November 2020	9:00am	0	0
Sunday, 15 November 2020	9:01am	Monday, 16 November 2020	9:00am	0	0
Monday, 16 November 2020	9:01am	Tuesday, 17 November 2020	9:00am	0	0
Tuesday, 17 November 2020	9:01am	Wednesday, 18 November 2020	9:00am	0	0
Wednesday, 18 November 2020	9:01am	Thursday, 19 November 2020	9:00am	0	0
Thursday, 19 November 2020	9:01am	Friday, 20 November 2020	9:00am	0	0
Friday, 20 November 2020	9:01am	Saturday, 21 November 2020	9:00am	0	0
Saturday, 21 November 2020	9:01am	Sunday, 22 November 2020	9:00am	0	0
Sunday, 22 November 2020	9:01am	Monday, 23 November 2020	9:00am	0	0
Monday, 23 November 2020	9:01am	Tuesday, 24 November 2020	9:00am	0	0
Tuesday, 24 November 2020	9:01am	Wednesday, 25 November 2020	9:00am	0	0
Wednesday, 25 November 2020	9:01am	Thursday, 26 November 2020	9:00am	0	0
Thursday, 26 November 2020	9:01am	Friday, 27 November 2020	9:00am	0	0
Friday, 27 November 2020	9:01am	Saturday, 28 November 2020	9:00am	0	0
Saturday, 28 November 2020	9:01am	Sunday, 29 November 2020	9:00am	0	0
Sunday, 29 November 2020	9:01am	Monday, 30 November 2020	9:00am	0	0
Monday, 30 November 2020	9:01am	Tuesday, 1 December 2020	9:00am	0	0
Tuesday, 1 December 2020	9:01am	Wednesday, 2 December 2020	9:00am	0	0
Wednesday, 2 December 2020	9:01am	Thursday, 3 December 2020	9:00am	0.6	0.2
Thursday, 3 December 2020	9:01am	Friday, 4 December 2020	9:00am	0.4	0.2
Friday, 4 December 2020	9:01am	Saturday, 5 December 2020	9:00am	0.2	0.2
Saturday, 5 December 2020	9:01am	Sunday, 6 December 2020	9:00am	4	0.8
Sunday, 6 December 2020	9:01am	Monday, 7 December 2020	9:00am	1.8	0.2
Monday, 7 December 2020	9:01am	Tuesday, 8 December 2020	9:00am	0.8	0.2
Tuesday, 8 December 2020	9:01am	Wednesday, 9 December 2020	9:00am	0	0
Wednesday, 9 December 2020	9:01am	Thursday, 10 December 2020	9:00am	0	0
Thursday, 10 December 2020	9:01am	Friday, 11 December 2020	9:00am	14.4	1.2
Friday, 11 December 2020	9:01am	Saturday, 12 December 2020	9:00am	62	2.6
Saturday, 12 December 2020	9:01am	Sunday, 13 December 2020	9:00am	36.4	1.6
Sunday, 13 December 2020	9:01am	Monday, 14 December 2020	9:00am	13.8	0.4
Monday, 14 December 2020	9:01am	Tuesday, 15 December 2020	9:00am	87.8	1.2
Tuesday, 15 December 2020	9:01am	Wednesday, 16 December 2020	9:00am	9	0.6
Wednesday, 16 December 2020	9:01am	Thursday, 17 December 2020	9:00am	11.2	1.4
Thursday, 17 December 2020	9:01am	Friday, 18 December 2020	9:00am	1.2	0.2
Friday, 18 December 2020	9:01am	Saturday, 19 December 2020	9:00am	0	0
Saturday, 19 December 2020	9:01am	Sunday, 20 December 2020	9:00am	0	0
Sunday, 20 December 2020	9:01am	Monday, 21 December 2020	9:00am	29.6	1.8
Monday, 21 December 2020	9:01am	Tuesday, 22 December 2020	9:00am	0.4	0.2
Tuesday, 22 December 2020	9:01am	Wednesday, 23 December 2020	9:00am	0	0
Wednesday, 23 December 2020	9:01am	Thursday, 24 December 2020	9:00am	2	0.2
Thursday, 24 December 2020	9:01am	Friday, 25 December 2020	9:00am	0	0
Friday, 25 December 2020	9:01am	Saturday, 26 December 2020	9:00am	1	0.2
Saturday, 26 December 2020	9:01am	Sunday, 27 December 2020	9:00am	0	0
Sunday, 27 December 2020	9:01am	Monday, 28 December 2020	9:00am	0	0
Monday, 28 December 2020	9:01am	Tuesday, 29 December 2020	9:00am	0	0



**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 29 December 2020	9:01am	Wednesday, 30 December 2020	9:00am	114.4	2.6
Wednesday, 30 December 2020	9:01am	Thursday, 31 December 2020	9:00am	0	0
Thursday, 31 December 2020	9:01am	Friday, 1 January 2021	9:00am	0.8	0.2
Friday, 1 January 2021	9:01am	Saturday, 2 January 2021	9:00am	15.6	0.8
Saturday, 2 January 2021	9:01am	Sunday, 3 January 2021	9:00am	0	0
Sunday, 3 January 2021	9:01am	Monday, 4 January 2021	9:00am	1.8	0.2
Monday, 4 January 2021	9:01am	Tuesday, 5 January 2021	9:00am	0	0
Tuesday, 5 January 2021	9:01am	Wednesday, 6 January 2021	9:00am	0.6	0.2
Wednesday, 6 January 2021	9:01am	Thursday, 7 January 2021	9:00am	10.6	0.4
Thursday, 7 January 2021	9:01am	Friday, 8 January 2021	9:00am	33.2	0.8
Friday, 8 January 2021	9:01am	Saturday, 9 January 2021	9:00am	11	1
Saturday, 9 January 2021	9:01am	Sunday, 10 January 2021	9:00am	1.8	0.6
Sunday, 10 January 2021	9:01am	Monday, 11 January 2021	9:00am	2.6	0.6
Monday, 11 January 2021	9:01am	Tuesday, 12 January 2021	9:00am	0.2	0.2
Tuesday, 12 January 2021	9:01am	Wednesday, 13 January 2021	9:00am	0.6	0.2
Wednesday, 13 January 2021	9:01am	Thursday, 14 January 2021	9:00am	0.2	0.2
Thursday, 14 January 2021	9:01am	Friday, 15 January 2021	9:00am	0	0
Friday, 15 January 2021	9:01am	Saturday, 16 January 2021	9:00am	2.6	0.2
Saturday, 16 January 2021	9:01am	Sunday, 17 January 2021	9:00am	0.2	0.2
Sunday, 17 January 2021	9:01am	Monday, 18 January 2021	9:00am	0	0
Monday, 18 January 2021	9:01am	Tuesday, 19 January 2021	9:00am	20	1
Tuesday, 19 January 2021	9:01am	Wednesday, 20 January 2021	9:00am	8.2	1
Wednesday, 20 January 2021	9:01am	Thursday, 21 January 2021	9:00am	6	0.2
Thursday, 21 January 2021	9:01am	Friday, 22 January 2021	9:00am	0	0
Friday, 22 January 2021	9:01am	Saturday, 23 January 2021	9:00am	0	0
Saturday, 23 January 2021	9:01am	Sunday, 24 January 2021	9:00am	0	0
Sunday, 24 January 2021	9:01am	Monday, 25 January 2021	9:00am	0	0
Monday, 25 January 2021	9:01am	Tuesday, 26 January 2021	9:00am	0	0
Tuesday, 26 January 2021	9:01am	Wednesday, 27 January 2021	9:00am	0	0
Wednesday, 27 January 2021	9:01am	Thursday, 28 January 2021	9:00am	0	0
Thursday, 28 January 2021	9:01am	Friday, 29 January 2021	9:00am	0	0
Friday, 29 January 2021	9:01am	Saturday, 30 January 2021	9:00am	0.4	0.2
Saturday, 30 January 2021	9:01am	Sunday, 31 January 2021	9:00am	0.6	0.2
Sunday, 31 January 2021	9:01am	Monday, 1 February 2021	9:00am	2.6	0.6
Monday, 1 February 2021	9:01am	Tuesday, 2 February 2021	9:00am	0	0
Tuesday, 2 February 2021	9:01am	Wednesday, 3 February 2021	9:00am	18.2	1.6
Wednesday, 3 February 2021	9:01am	Thursday, 4 February 2021	9:00am	0	0
Thursday, 4 February 2021	9:01am	Friday, 5 February 2021	9:00am	0	0
Friday, 5 February 2021	9:01am	Saturday, 6 February 2021	9:00am	0	0
Saturday, 6 February 2021	9:01am	Sunday, 7 February 2021	9:00am	0	0
Sunday, 7 February 2021	9:01am	Monday, 8 February 2021	9:00am	4.6	0.8
Monday, 8 February 2021	9:01am	Tuesday, 9 February 2021	9:00am	0.2	0.2
Tuesday, 9 February 2021	9:01am	Wednesday, 10 February 2021	9:00am	0.8	0.2
Wednesday, 10 February 2021	9:01am	Thursday, 11 February 2021	9:00am	6.6	0.6
Thursday, 11 February 2021	9:01am	Friday, 12 February 2021	9:00am	0	0
Friday, 12 February 2021	9:01am	Saturday, 13 February 2021	9:00am	0	0
Saturday, 13 February 2021	9:01am	Sunday, 14 February 2021	9:00am	12.4	0.4
Sunday, 14 February 2021	9:01am	Monday, 15 February 2021	9:00am	7	0.4
Monday, 15 February 2021	9:01am	Tuesday, 16 February 2021	9:00am	6	0.8
Tuesday, 16 February 2021	9:01am	Wednesday, 17 February 2021	9:00am	27.2	1.4
Wednesday, 17 February 2021	9:01am	Thursday, 18 February 2021	9:00am	32.2	1
Thursday, 18 February 2021	9:01am	Friday, 19 February 2021	9:00am	3.2	0.6
Friday, 19 February 2021	9:01am	Saturday, 20 February 2021	9:00am	60.6	1.4
Saturday, 20 February 2021	9:01am	Sunday, 21 February 2021	9:00am	4.6	0.4
Sunday, 21 February 2021	9:01am	Monday, 22 February 2021	9:00am	7.2	0.2
Monday, 22 February 2021	9:01am	Tuesday, 23 February 2021	9:00am	0	0

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 23 February 2021	9:01am	Wednesday, 24 February 2021	9:00am	21.4	1
Wednesday, 24 February 2021	9:01am	Thursday, 25 February 2021	9:00am	7.6	0.8
Thursday, 25 February 2021	9:01am	Friday, 26 February 2021	9:00am	0.6	0.2
Friday, 26 February 2021	9:01am	Saturday, 27 February 2021	9:00am	0	0
Saturday, 27 February 2021	9:01am	Sunday, 28 February 2021	9:00am	0	0
Sunday, 28 February 2021	9:01am	Monday, 1 March 2021	9:00am	0	0
Monday, 1 March 2021	9:01am	Tuesday, 2 March 2021	9:00am	2.6	0.2
Tuesday, 2 March 2021	9:01am	Wednesday, 3 March 2021	9:00am	0.8	0.2
Wednesday, 3 March 2021	9:01am	Thursday, 4 March 2021	9:00am	34.6	2.4
Thursday, 4 March 2021	9:01am	Friday, 5 March 2021	9:00am	0	0
Friday, 5 March 2021	9:01am	Saturday, 6 March 2021	9:00am	3.2	0.6
Saturday, 6 March 2021	9:01am	Sunday, 7 March 2021	9:00am	3.2	0.4
Sunday, 7 March 2021	9:01am	Monday, 8 March 2021	9:00am	0.2	0.2
Monday, 8 March 2021	9:01am	Tuesday, 9 March 2021	9:00am	21.4	1
Tuesday, 9 March 2021	9:01am	Wednesday, 10 March 2021	9:00am	1.6	0.2
Wednesday, 10 March 2021	9:01am	Thursday, 11 March 2021	9:00am	12.8	0.8
Thursday, 11 March 2021	9:01am	Friday, 12 March 2021	9:00am	38.2	1.4
Friday, 12 March 2021	9:01am	Saturday, 13 March 2021	9:00am	0	0
Saturday, 13 March 2021	9:01am	Sunday, 14 March 2021	9:00am	0	0
Sunday, 14 March 2021	9:01am	Monday, 15 March 2021	9:00am	21.8	1
Monday, 15 March 2021	9:01am	Tuesday, 16 March 2021	9:00am	5.8	0.2
Tuesday, 16 March 2021	9:01am	Wednesday, 17 March 2021	9:00am	6	0.4
Wednesday, 17 March 2021	9:01am	Thursday, 18 March 2021	9:00am	40.2	1.2
Thursday, 18 March 2021	9:01am	Friday, 19 March 2021	9:00am	10	0.4
Friday, 19 March 2021	9:01am	Saturday, 20 March 2021	9:00am	14.8	1.2
Saturday, 20 March 2021	9:01am	Sunday, 21 March 2021	9:00am	37.2	1
Sunday, 21 March 2021	9:01am	Monday, 22 March 2021	9:00am	88.6	2
Monday, 22 March 2021	9:01am	Tuesday, 23 March 2021	9:00am	40	0.6
Tuesday, 23 March 2021	9:01am	Wednesday, 24 March 2021	9:00am	31.2	0.6
Wednesday, 24 March 2021	9:01am	Thursday, 25 March 2021	9:00am	0	0
Thursday, 25 March 2021	9:01am	Friday, 26 March 2021	9:00am	0	0
Friday, 26 March 2021	9:01am	Saturday, 27 March 2021	9:00am	0	0
Saturday, 27 March 2021	9:01am	Sunday, 28 March 2021	9:00am	0	0
Sunday, 28 March 2021	9:01am	Monday, 29 March 2021	9:00am	0	0
Monday, 29 March 2021	9:01am	Tuesday, 30 March 2021	9:00am	11.4	1.2
Tuesday, 30 March 2021	9:01am	Wednesday, 31 March 2021	9:00am	0.2	0.2
Wednesday, 31 March 2021	9:01am	Thursday, 1 April 2021	9:00am	24.2	1.6
Thursday, 1 April 2021	9:01am	Friday, 2 April 2021	9:00am	25.6	0.8
Friday, 2 April 2021	9:01am	Saturday, 3 April 2021	9:00am	0	0
Saturday, 3 April 2021	9:01am	Sunday, 4 April 2021	9:00am	1	0.2
Sunday, 4 April 2021	9:01am	Monday, 5 April 2021	9:00am	19.2	0.6
Monday, 5 April 2021	9:01am	Tuesday, 6 April 2021	9:00am	28.6	0.2
Tuesday, 6 April 2021	9:01am	Wednesday, 7 April 2021	9:00am	19.2	0.6
Wednesday, 7 April 2021	9:01am	Thursday, 8 April 2021	9:00am	9.8	0.8
Thursday, 8 April 2021	9:01am	Friday, 9 April 2021	9:00am	3.8	0.2
Friday, 9 April 2021	9:01am	Saturday, 10 April 2021	9:00am	0	0
Saturday, 10 April 2021	9:01am	Sunday, 11 April 2021	9:00am	0	0
Sunday, 11 April 2021	9:01am	Monday, 12 April 2021	9:00am	2	0.2
Monday, 12 April 2021	9:01am	Tuesday, 13 April 2021	9:00am	0.2	0.2
Tuesday, 13 April 2021	9:01am	Wednesday, 14 April 2021	9:00am	0	0
Wednesday, 14 April 2021	9:01am	Thursday, 15 April 2021	9:00am	0	0
Thursday, 15 April 2021	9:01am	Friday, 16 April 2021	9:00am	0	0
Friday, 16 April 2021	9:01am	Saturday, 17 April 2021	9:00am	0	0
Saturday, 17 April 2021	9:01am	Sunday, 18 April 2021	9:00am	4.6	0.2
Sunday, 18 April 2021	9:01am	Monday, 19 April 2021	9:00am	0	0
Monday, 19 April 2021	9:01am	Tuesday, 20 April 2021	9:00am	0	0

**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)
Tuesday, 20 April 2021	9:01am	Wednesday, 21 April 2021	9:00am	0	0
Wednesday, 21 April 2021	9:01am	Thursday, 22 April 2021	9:00am	0	0
Thursday, 22 April 2021	9:01am	Friday, 23 April 2021	9:00am	0	0
Friday, 23 April 2021	9:01am	Saturday, 24 April 2021	9:00am	0	0
Saturday, 24 April 2021	9:01am	Sunday, 25 April 2021	9:00am	0	0
Sunday, 25 April 2021	9:01am	Monday, 26 April 2021	9:00am	0	0
Monday, 26 April 2021	9:01am	Tuesday, 27 April 2021	9:00am	2	0.6
Tuesday, 27 April 2021	9:01am	Wednesday, 28 April 2021	9:00am	0.4	0.2
Wednesday, 28 April 2021	9:01am	Thursday, 29 April 2021	9:00am	23	0.6
Thursday, 29 April 2021	9:01am	Friday, 30 April 2021	9:00am	12.4	1.2
Friday, 30 April 2021	9:01am	Saturday, 1 May 2021	9:00am	21.2	1.6
Saturday, 1 May 2021	9:01am	Sunday, 2 May 2021	9:00am	1.8	0.6
Sunday, 2 May 2021	9:01am	Monday, 3 May 2021	9:00am	2	0.4
Monday, 3 May 2021	9:01am	Tuesday, 4 May 2021	9:00am	0	0
Tuesday, 4 May 2021	9:01am	Wednesday, 5 May 2021	9:00am	0.2	0.2
Wednesday, 5 May 2021	9:01am	Thursday, 6 May 2021	9:00am	13.2	0.2
Thursday, 6 May 2021	9:01am	Friday, 7 May 2021	9:00am	0	0
Friday, 7 May 2021	9:01am	Saturday, 8 May 2021	9:00am	0	0
Saturday, 8 May 2021	9:01am	Sunday, 9 May 2021	9:00am	0	0
Sunday, 9 May 2021	9:01am	Monday, 10 May 2021	9:00am	1.4	0.4
Monday, 10 May 2021	9:01am	Tuesday, 11 May 2021	9:00am	0	0
Tuesday, 11 May 2021	9:01am	Wednesday, 12 May 2021	9:00am	0.8	0.2
Wednesday, 12 May 2021	9:01am	Thursday, 13 May 2021	9:00am	0.2	0.2
Thursday, 13 May 2021	9:01am	Friday, 14 May 2021	9:00am	0	0
Friday, 14 May 2021	9:01am	Saturday, 15 May 2021	9:00am	0	0
Saturday, 15 May 2021	9:01am	Sunday, 16 May 2021	9:00am	0	0
Sunday, 16 May 2021	9:01am	Monday, 17 May 2021	9:00am	0	0
Monday, 17 May 2021	9:01am	Tuesday, 18 May 2021	9:00am	0	0
Tuesday, 18 May 2021	9:01am	Wednesday, 19 May 2021	9:00am	1.4	0.2
Wednesday, 19 May 2021	9:01am	Thursday, 20 May 2021	9:00am	0.2	0.2
Thursday, 20 May 2021	9:01am	Friday, 21 May 2021	9:00am	0.2	0.2
Friday, 21 May 2021	9:01am	Saturday, 22 May 2021	9:00am	18.4	1.6
Saturday, 22 May 2021	9:01am	Sunday, 23 May 2021	9:00am	4.2	0.6
Sunday, 23 May 2021	9:01am	Monday, 24 May 2021	9:00am	7.4	1
Monday, 24 May 2021	9:01am	Tuesday, 25 May 2021	9:00am	1.6	0.2
Tuesday, 25 May 2021	9:01am	Wednesday, 26 May 2021	9:00am	0.2	0.2
Wednesday, 26 May 2021	9:01am	Thursday, 27 May 2021	9:00am	0.2	0.2
Thursday, 27 May 2021	9:01am	Friday, 28 May 2021	9:00am	0	0
Friday, 28 May 2021	9:01am	Saturday, 29 May 2021	9:00am	0	0
Saturday, 29 May 2021	9:01am	Sunday, 30 May 2021	9:00am	0	0
Sunday, 30 May 2021	9:01am	Monday, 31 May 2021	9:00am	0	0
Monday, 31 May 2021	9:01am	Tuesday, 1 June 2021	9:00am	0	0
Tuesday, 1 June 2021	9:01am	Wednesday, 2 June 2021	9:00am	0	0
Wednesday, 2 June 2021	9:01am	Thursday, 3 June 2021	9:00am	0	0
Thursday, 3 June 2021	9:01am	Friday, 4 June 2021	9:00am	1.8	0.2
Friday, 4 June 2021	9:01am	Saturday, 5 June 2021	9:00am	0	0
Saturday, 5 June 2021	9:01am	Sunday, 6 June 2021	9:00am	0	0
Sunday, 6 June 2021	9:01am	Monday, 7 June 2021	9:00am	0	0
Monday, 7 June 2021	9:01am	Tuesday, 8 June 2021	9:00am	0.2	0.2
Tuesday, 8 June 2021	9:01am	Wednesday, 9 June 2021	9:00am	2.6	0.4
Wednesday, 9 June 2021	9:01am	Thursday, 10 June 2021	9:00am	0.2	0.2
Thursday, 10 June 2021	9:01am	Friday, 11 June 2021	9:00am	0	0
Friday, 11 June 2021	9:01am	Saturday, 12 June 2021	9:00am	0	0
Saturday, 12 June 2021	9:01am	Sunday, 13 June 2021	9:00am	0	0
Sunday, 13 June 2021	9:01am	Monday, 14 June 2021	9:00am	0	0
Monday, 14 June 2021	9:01am	Tuesday, 15 June 2021	9:00am	0	0



**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 15 June 2021	9:01am	Wednesday, 16 June 2021	9:00am	0	0
Wednesday, 16 June 2021	9:01am	Thursday, 17 June 2021	9:00am	4.6	0.4
Thursday, 17 June 2021	9:01am	Friday, 18 June 2021	9:00am	0	0
Friday, 18 June 2021	9:01am	Saturday, 19 June 2021	9:00am	0	0
Saturday, 19 June 2021	9:01am	Sunday, 20 June 2021	9:00am	0	0
Sunday, 20 June 2021	9:01am	Monday, 21 June 2021	9:00am	0	0
Monday, 21 June 2021	9:01am	Tuesday, 22 June 2021	9:00am	2.2	0.4
Tuesday, 22 June 2021	9:01am	Wednesday, 23 June 2021	9:00am	3.2	0.4
Wednesday, 23 June 2021	9:01am	Thursday, 24 June 2021	9:00am	0.8	0.2
Thursday, 24 June 2021	9:01am	Friday, 25 June 2021	9:00am	0.4	0.2
Friday, 25 June 2021	9:01am	Saturday, 26 June 2021	9:00am	1.8	0.2
Saturday, 26 June 2021	9:01am	Sunday, 27 June 2021	9:00am	0.2	0.2
Sunday, 27 June 2021	9:01am	Monday, 28 June 2021	9:00am	0	0
Monday, 28 June 2021	9:01am	Tuesday, 29 June 2021	9:00am	18.4	0.8
Tuesday, 29 June 2021	9:01am	Wednesday, 30 June 2021	9:00am	6	0.8
Wednesday, 30 June 2021	9:01am	Thursday, 1 July 2021	9:00am	29	1.6
Thursday, 1 July 2021	9:01am	Friday, 2 July 2021	9:00am	22.2	0.8
Friday, 2 July 2021	9:01am	Saturday, 3 July 2021	9:00am	7.8	1
Saturday, 3 July 2021	9:01am	Sunday, 4 July 2021	9:00am	6.4	0.4
Sunday, 4 July 2021	9:01am	Monday, 5 July 2021	9:00am	0	0
Monday, 5 July 2021	9:01am	Tuesday, 6 July 2021	9:00am	0	0
Tuesday, 6 July 2021	9:01am	Wednesday, 7 July 2021	9:00am	0.2	0.2
Wednesday, 7 July 2021	9:01am	Thursday, 8 July 2021	9:00am	0	0
Thursday, 8 July 2021	9:01am	Friday, 9 July 2021	9:00am	8.4	0.2
Friday, 9 July 2021	9:01am	Saturday, 10 July 2021	9:00am	3.4	0.6
Saturday, 10 July 2021	9:01am	Sunday, 11 July 2021	9:00am	0	0
Sunday, 11 July 2021	9:01am	Monday, 12 July 2021	9:00am	9.6	0.6
Monday, 12 July 2021	9:01am	Tuesday, 13 July 2021	9:00am	0.6	0.2
Tuesday, 13 July 2021	9:01am	Wednesday, 14 July 2021	9:00am	0.2	0.2
Wednesday, 14 July 2021	9:01am	Thursday, 15 July 2021	9:00am	0	0
Thursday, 15 July 2021	9:01am	Friday, 16 July 2021	9:00am	0	0
Friday, 16 July 2021	9:01am	Saturday, 17 July 2021	9:00am	0.8	0.2
Saturday, 17 July 2021	9:01am	Sunday, 18 July 2021	9:00am	0	0
Sunday, 18 July 2021	9:01am	Monday, 19 July 2021	9:00am	0	0
Monday, 19 July 2021	9:01am	Tuesday, 20 July 2021	9:00am	0	0
Tuesday, 20 July 2021	9:01am	Wednesday, 21 July 2021	9:00am	0	0
Wednesday, 21 July 2021	9:01am	Thursday, 22 July 2021	9:00am	0	0
Thursday, 22 July 2021	9:01am	Friday, 23 July 2021	9:00am	0	0
Friday, 23 July 2021	9:01am	Saturday, 24 July 2021	9:00am	0.6	0.2
Saturday, 24 July 2021	9:01am	Sunday, 25 July 2021	9:00am	0	0
Sunday, 25 July 2021	9:01am	Monday, 26 July 2021	9:00am	0	0
Monday, 26 July 2021	9:01am	Tuesday, 27 July 2021	9:00am	0	0
Tuesday, 27 July 2021	9:01am	Wednesday, 28 July 2021	9:00am	0	0
Wednesday, 28 July 2021	9:01am	Thursday, 29 July 2021	9:00am	0	0
Thursday, 29 July 2021	9:01am	Friday, 30 July 2021	9:00am	0	0
Friday, 30 July 2021	9:01am	Saturday, 31 July 2021	9:00am	0	0
Saturday, 31 July 2021	9:01am	Sunday, 1 August 2021	9:00am	0	0
Sunday, 1 August 2021	9:01am	Monday, 2 August 2021	9:00am	0	0
Monday, 2 August 2021	9:01am	Tuesday, 3 August 2021	9:00am	1.2	0.2
Tuesday, 3 August 2021	9:01am	Wednesday, 4 August 2021	9:00am	2.6	0.6
Wednesday, 4 August 2021	9:01am	Thursday, 5 August 2021	9:00am	0	0
Thursday, 5 August 2021	9:01am	Friday, 6 August 2021	9:00am	0	0
Friday, 6 August 2021	9:01am	Saturday, 7 August 2021	9:00am	0	0
Saturday, 7 August 2021	9:01am	Sunday, 8 August 2021	9:00am	0	0
Sunday, 8 August 2021	9:01am	Monday, 9 August 2021	9:00am	4.4	0.4
Monday, 9 August 2021	9:01am	Tuesday, 10 August 2021	9:00am	0	0

**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)
Tuesday, 10 August 2021	9:01am	Wednesday, 11 August 2021	9:00am	0	0
Wednesday, 11 August 2021	9:01am	Thursday, 12 August 2021	9:00am	0	0
Thursday, 12 August 2021	9:01am	Friday, 13 August 2021	9:00am	0	0
Friday, 13 August 2021	9:01am	Saturday, 14 August 2021	9:00am	0.2	0.2
Saturday, 14 August 2021	9:01am	Sunday, 15 August 2021	9:00am	0.6	0.2
Sunday, 15 August 2021	9:01am	Monday, 16 August 2021	9:00am	0	0
Monday, 16 August 2021	9:01am	Tuesday, 17 August 2021	9:00am	0.2	0.2
Tuesday, 17 August 2021	9:01am	Wednesday, 18 August 2021	9:00am	1.6	0.2
Wednesday, 18 August 2021	9:01am	Thursday, 19 August 2021	9:00am	0	0
Thursday, 19 August 2021	9:01am	Friday, 20 August 2021	9:00am	0	0
Friday, 20 August 2021	9:01am	Saturday, 21 August 2021	9:00am	0	0
Saturday, 21 August 2021	9:01am	Sunday, 22 August 2021	9:00am	0	0
Sunday, 22 August 2021	9:01am	Monday, 23 August 2021	9:00am	0	0
Monday, 23 August 2021	9:01am	Tuesday, 24 August 2021	9:00am	0.6	0.2
Tuesday, 24 August 2021	9:01am	Wednesday, 25 August 2021	9:00am	7.8	0.8
Wednesday, 25 August 2021	9:01am	Thursday, 26 August 2021	9:00am	0	0
Thursday, 26 August 2021	9:01am	Friday, 27 August 2021	9:00am	0	0
Friday, 27 August 2021	9:01am	Saturday, 28 August 2021	9:00am	0	0
Saturday, 28 August 2021	9:01am	Sunday, 29 August 2021	9:00am	0	0
Sunday, 29 August 2021	9:01am	Monday, 30 August 2021	9:00am	3.2	1.6
Monday, 30 August 2021	9:01am	Tuesday, 31 August 2021	9:00am	0	0
Tuesday, 31 August 2021	9:01am	Wednesday, 1 September 2021	9:00am	0	0
Wednesday, 1 September 2021	9:01am	Thursday, 2 September 2021	9:00am	0	0
Thursday, 2 September 2021	9:01am	Friday, 3 September 2021	9:00am	0	0
Friday, 3 September 2021	9:01am	Saturday, 4 September 2021	9:00am	10	0.4
Saturday, 4 September 2021	9:01am	Sunday, 5 September 2021	9:00am	0	0
Sunday, 5 September 2021	9:01am	Monday, 6 September 2021	9:00am	0.8	0.2
Monday, 6 September 2021	9:01am	Tuesday, 7 September 2021	9:00am	0	0
Tuesday, 7 September 2021	9:01am	Wednesday, 8 September 2021	9:00am	0	0
Wednesday, 8 September 2021	9:01am	Thursday, 9 September 2021	9:00am	0	0
Thursday, 9 September 2021	9:01am	Friday, 10 September 2021	9:00am	0	0
Friday, 10 September 2021	9:01am	Saturday, 11 September 2021	9:00am	0	0
Saturday, 11 September 2021	9:01am	Sunday, 12 September 2021	9:00am	0	0
Sunday, 12 September 2021	9:01am	Monday, 13 September 2021	9:00am	0	0
Monday, 13 September 2021	9:01am	Tuesday, 14 September 2021	9:00am	0	0
Tuesday, 14 September 2021	9:01am	Wednesday, 15 September 2021	9:00am	0	0
Wednesday, 15 September 2021	9:01am	Thursday, 16 September 2021	9:00am	0	0
Thursday, 16 September 2021	9:01am	Friday, 17 September 2021	9:00am	0	0
Friday, 17 September 2021	9:01am	Saturday, 18 September 2021	9:00am	0	0
Saturday, 18 September 2021	9:01am	Sunday, 19 September 2021	9:00am	0	0
Sunday, 19 September 2021	9:01am	Monday, 20 September 2021	9:00am	0	0
Monday, 20 September 2021	9:01am	Tuesday, 21 September 2021	9:00am	5.4	0.6
Tuesday, 21 September 2021	9:01am	Wednesday, 22 September 2021	9:00am	0.8	0.2
Wednesday, 22 September 2021	9:01am	Thursday, 23 September 2021	9:00am	0	0
Thursday, 23 September 2021	9:01am	Friday, 24 September 2021	9:00am	0	0
Friday, 24 September 2021	9:01am	Saturday, 25 September 2021	9:00am	0	0
Saturday, 25 September 2021	9:01am	Sunday, 26 September 2021	9:00am	9.2	0.8
Sunday, 26 September 2021	9:01am	Monday, 27 September 2021	9:00am	7.2	0.4
Monday, 27 September 2021	9:01am	Tuesday, 28 September 2021	9:00am	0	0
Tuesday, 28 September 2021	9:01am	Wednesday, 29 September 2021	9:00am	0	0
Wednesday, 29 September 2021	9:01am	Thursday, 30 September 2021	9:00am	13.4	0.4
Thursday, 30 September 2021	9:01am	Friday, 1 October 2021	9:00am	5.6	0.2
Friday, 1 October 2021	9:01am	Saturday, 2 October 2021	9:00am	9.2	0.4
Saturday, 2 October 2021	9:01am	Sunday, 3 October 2021	9:00am	0	0
Sunday, 3 October 2021	9:01am	Monday, 4 October 2021	9:00am	0	0
Monday, 4 October 2021	9:01am	Tuesday, 5 October 2021	9:00am	0	0

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 5 October 2021	9:01am	Wednesday, 6 October 2021	9:00am	0	0
Wednesday, 6 October 2021	9:01am	Thursday, 7 October 2021	9:00am	0	0
Thursday, 7 October 2021	9:01am	Friday, 8 October 2021	9:00am	0	0
Friday, 8 October 2021	9:01am	Saturday, 9 October 2021	9:00am	0	0
Saturday, 9 October 2021	9:01am	Sunday, 10 October 2021	9:00am	0	0
Sunday, 10 October 2021	9:01am	Monday, 11 October 2021	9:00am	0	0
Monday, 11 October 2021	9:01am	Tuesday, 12 October 2021	9:00am	26.2	0.2
Tuesday, 12 October 2021	9:01am	Wednesday, 13 October 2021	9:00am	51.4	0.8
Wednesday, 13 October 2021	9:01am	Thursday, 14 October 2021	9:00am	4.2	0.4
Thursday, 14 October 2021	9:01am	Friday, 15 October 2021	9:00am	0	0
Friday, 15 October 2021	9:01am	Saturday, 16 October 2021	9:00am	0	0
Saturday, 16 October 2021	9:01am	Sunday, 17 October 2021	9:00am	0	0
Sunday, 17 October 2021	9:01am	Monday, 18 October 2021	9:00am	0	0
Monday, 18 October 2021	9:01am	Tuesday, 19 October 2021	9:00am	19.8	1
Tuesday, 19 October 2021	9:01am	Wednesday, 20 October 2021	9:00am	1.2	0.2
Wednesday, 20 October 2021	9:01am	Thursday, 21 October 2021	9:00am	0.2	0.2
Thursday, 21 October 2021	9:01am	Friday, 22 October 2021	9:00am	20.2	2.4
Friday, 22 October 2021	9:01am	Saturday, 23 October 2021	9:00am	0	0
Saturday, 23 October 2021	9:01am	Sunday, 24 October 2021	9:00am	0	0
Sunday, 24 October 2021	9:01am	Monday, 25 October 2021	9:00am	0	0
Monday, 25 October 2021	9:01am	Tuesday, 26 October 2021	9:00am	1.6	0.2
Tuesday, 26 October 2021	9:01am	Wednesday, 27 October 2021	9:00am	0	0
Wednesday, 27 October 2021	9:01am	Thursday, 28 October 2021	9:00am	0	0
Thursday, 28 October 2021	9:01am	Friday, 29 October 2021	9:00am	0	0
Friday, 29 October 2021	9:01am	Saturday, 30 October 2021	9:00am	0	0
Saturday, 30 October 2021	9:01am	Sunday, 31 October 2021	9:00am	0.8	0.2
Sunday, 31 October 2021	9:01am	Monday, 1 November 2021	9:00am	0	0
Monday, 1 November 2021	9:01am	Tuesday, 2 November 2021	9:00am	0	0
Tuesday, 2 November 2021	9:01am	Wednesday, 3 November 2021	9:00am	1.6	0.4
Wednesday, 3 November 2021	9:01am	Thursday, 4 November 2021	9:00am	0	0
Thursday, 4 November 2021	9:01am	Friday, 5 November 2021	9:00am	0	0
Friday, 5 November 2021	9:01am	Saturday, 6 November 2021	9:00am	0	0
Saturday, 6 November 2021	9:01am	Sunday, 7 November 2021	9:00am	0	0
Sunday, 7 November 2021	9:01am	Monday, 8 November 2021	9:00am	3.8	0.4
Monday, 8 November 2021	9:01am	Tuesday, 9 November 2021	9:00am	7.6	1.2
Tuesday, 9 November 2021	9:01am	Wednesday, 10 November 2021	9:00am	0	0
Wednesday, 10 November 2021	9:01am	Thursday, 11 November 2021	9:00am	24.8	1.6
Thursday, 11 November 2021	9:01am	Friday, 12 November 2021	9:00am	2.6	0.2
Friday, 12 November 2021	9:01am	Saturday, 13 November 2021	9:00am	0.6	0.2
Saturday, 13 November 2021	9:01am	Sunday, 14 November 2021	9:00am	0	0
Sunday, 14 November 2021	9:01am	Monday, 15 November 2021	9:00am	0	0
Monday, 15 November 2021	9:01am	Tuesday, 16 November 2021	9:00am	0	0
Tuesday, 16 November 2021	9:01am	Wednesday, 17 November 2021	9:00am	22.6	3.6
Wednesday, 17 November 2021	9:01am	Thursday, 18 November 2021	9:00am	0	0
Thursday, 18 November 2021	9:01am	Friday, 19 November 2021	9:00am	0	0
Friday, 19 November 2021	9:01am	Saturday, 20 November 2021	9:00am	0	0
Saturday, 20 November 2021	9:01am	Sunday, 21 November 2021	9:00am	18.2	1.2
Sunday, 21 November 2021	9:01am	Monday, 22 November 2021	9:00am	8.4	0.6
Monday, 22 November 2021	9:01am	Tuesday, 23 November 2021	9:00am	17.8	1
Tuesday, 23 November 2021	9:01am	Wednesday, 24 November 2021	9:00am	0.4	0.2
Wednesday, 24 November 2021	9:01am	Thursday, 25 November 2021	9:00am	15.6	0.8
Thursday, 25 November 2021	9:01am	Friday, 26 November 2021	9:00am	0.6	0.2
Friday, 26 November 2021	9:01am	Saturday, 27 November 2021	9:00am	6	0.4
Saturday, 27 November 2021	9:01am	Sunday, 28 November 2021	9:00am	0	0
Sunday, 28 November 2021	9:01am	Monday, 29 November 2021	9:00am	0	0
Monday, 29 November 2021	9:01am	Tuesday, 30 November 2021	9:00am	3.8	0.2

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 30 November 2021	9:01am	Wednesday, 1 December 2021	9:00am	114.2	1.8
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	29	2.4
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

**Sampling Point:** Rain gauge  
 Licencee: 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)
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	49.2	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
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



**Sampling Point:** Rain gauge  
 Licencee: 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)
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	1.6
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

**Sampling Point:** Rain gauge  
 Licencee: 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)
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	45.2	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
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

**Sampling Point:** Rain gauge  
 Licencee: 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)
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



**Sampling Point:** Rain gauge  
 Licencee: 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)
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	0.2	0.2
Friday, 7 October 2022	9:01am	Saturday, 8 October 2022	9:00am	0	0
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
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

**Sampling Point:** Rain gauge  
 Licencee: 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)
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	0	0
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

**Sampling Point:** Rain gauge  
 Licencee: 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)
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
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

**Sampling Point:** Rain gauge  
 Licencee: 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)
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
Wednesday, 22 March 2023	9:01am	Thursday, 23 March 2023	9:00am	0	0
Thursday, 23 March 2023	9:01am	Friday, 24 March 2023	9:00am	0.4	0.2
Friday, 24 March 2023	9:01am	Saturday, 25 March 2023	9:00am	0.6	0.2
Saturday, 25 March 2023	9:01am	Sunday, 26 March 2023	9:00am	29.4	1.8
Sunday, 26 March 2023	9:01am	Monday, 27 March 2023	9:00am	0.2	0.2
Monday, 27 March 2023	9:01am	Tuesday, 28 March 2023	9:00am	0.2	0.2
Tuesday, 28 March 2023	9:01am	Wednesday, 29 March 2023	9:00am	0.6	0.2
Wednesday, 29 March 2023	9:01am	Thursday, 30 March 2023	9:00am	9.2	0.2
Thursday, 30 March 2023	9:01am	Friday, 31 March 2023	9:00am	0	0
Friday, 31 March 2023	9:01am	Saturday, 1 April 2023	9:00am	0	0
Saturday, 1 April 2023	9:01am	Sunday, 2 April 2023	9:00am	0	0
Sunday, 2 April 2023	9:01am	Monday, 3 April 2023	9:00am	11	0.6
Monday, 3 April 2023	9:01am	Tuesday, 4 April 2023	9:00am	42	1.6
Tuesday, 4 April 2023	9:01am	Wednesday, 5 April 2023	9:00am	0.2	0.2
Wednesday, 5 April 2023	9:01am	Thursday, 6 April 2023	9:00am	0.4	0.4
Thursday, 6 April 2023	9:01am	Friday, 7 April 2023	9:00am	0	0
Friday, 7 April 2023	9:01am	Saturday, 8 April 2023	9:00am	0	0
Saturday, 8 April 2023	9:01am	Sunday, 9 April 2023	9:00am	0	0
Sunday, 9 April 2023	9:01am	Monday, 10 April 2023	9:00am	0	0
Monday, 10 April 2023	9:01am	Tuesday, 11 April 2023	9:00am	0	0
Tuesday, 11 April 2023	9:01am	Wednesday, 12 April 2023	9:00am	0	0
Wednesday, 12 April 2023	9:01am	Thursday, 13 April 2023	9:00am	0	0
Thursday, 13 April 2023	9:01am	Friday, 14 April 2023	9:00am	0	0
Friday, 14 April 2023	9:01am	Saturday, 15 April 2023	9:00am	0	0
Saturday, 15 April 2023	9:01am	Sunday, 16 April 2023	9:00am	0	0
Sunday, 16 April 2023	9:01am	Monday, 17 April 2023	9:00am	0	0
Monday, 17 April 2023	9:01am	Tuesday, 18 April 2023	9:00am	5.6	0.4

**Sampling Point:**

Licencee  
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)
Tuesday, 18 April 2023	9:01am	Wednesday, 19 April 2023	9:00am	1.2	0.2
Wednesday, 19 April 2023	9:01am	Thursday, 20 April 2023	9:00am	0	0
Thursday, 20 April 2023	9:01am	Friday, 21 April 2023	9:00am	47.8	2
Friday, 21 April 2023	9:01am	Saturday, 22 April 2023	9:00am	20.8	1.4
Saturday, 22 April 2023	9:01am	Sunday, 23 April 2023	9:00am	2.8	1
Sunday, 23 April 2023	9:01am	Monday, 24 April 2023	9:00am	2	0.2
Monday, 24 April 2023	9:01am	Tuesday, 25 April 2023	9:00am	0	0
Tuesday, 25 April 2023	9:01am	Wednesday, 26 April 2023	9:00am	4.6	0.4
Wednesday, 26 April 2023	9:01am	Thursday, 27 April 2023	9:00am	4.6	1
Thursday, 27 April 2023	9:01am	Friday, 28 April 2023	9:00am	1.8	0.6
Friday, 28 April 2023	9:01am	Saturday, 29 April 2023	9:00am	0.2	0.2
Saturday, 29 April 2023	9:01am	Sunday, 30 April 2023	9:00am	0.4	0.2
Sunday, 30 April 2023	9:01am	Monday, 1 May 2023	9:00am	0	0
Monday, 1 May 2023	9:01am	Tuesday, 2 May 2023	9:00am	0	0
Tuesday, 2 May 2023	9:01am	Wednesday, 3 May 2023	9:00am	0	0
Wednesday, 3 May 2023	9:01am	Thursday, 4 May 2023	9:00am	0	0
Thursday, 4 May 2023	9:01am	Friday, 5 May 2023	9:00am	0	0
Friday, 5 May 2023	9:01am	Saturday, 6 May 2023	9:00am	0	0
Saturday, 6 May 2023	9:01am	Sunday, 7 May 2023	9:00am	0	0
Sunday, 7 May 2023	9:01am	Monday, 8 May 2023	9:00am	0	0
Monday, 8 May 2023	9:01am	Tuesday, 9 May 2023	9:00am	0	0
Tuesday, 9 May 2023	9:01am	Wednesday, 10 May 2023	9:00am	0	0
Wednesday, 10 May 2023	9:01am	Thursday, 11 May 2023	9:00am	0	0
Thursday, 11 May 2023	9:01am	Friday, 12 May 2023	9:00am	7.6	1
Friday, 12 May 2023	9:01am	Saturday, 13 May 2023	9:00am	1.4	0.2
Saturday, 13 May 2023	9:01am	Sunday, 14 May 2023	9:00am	2	0.2
Sunday, 14 May 2023	9:01am	Monday, 15 May 2023	9:00am	15.4	0.8
Monday, 15 May 2023	9:01am	Tuesday, 16 May 2023	9:00am	77.6	1
Tuesday, 16 May 2023	9:01am	Wednesday, 17 May 2023	9:00am	10	0.4
Wednesday, 17 May 2023	9:01am	Thursday, 18 May 2023	9:00am	0	0
Thursday, 18 May 2023	9:01am	Friday, 19 May 2023	9:00am	0	0
Friday, 19 May 2023	9:01am	Saturday, 20 May 2023	9:00am	0	0
Saturday, 20 May 2023	9:01am	Sunday, 21 May 2023	9:00am	0	0
Sunday, 21 May 2023	9:01am	Monday, 22 May 2023	9:00am	0	0
Monday, 22 May 2023	9:01am	Tuesday, 23 May 2023	9:00am	0	0
Tuesday, 23 May 2023	9:01am	Wednesday, 24 May 2023	9:00am	0.4	0.2
Wednesday, 24 May 2023	9:01am	Thursday, 25 May 2023	9:00am	0	0
Thursday, 25 May 2023	9:01am	Friday, 26 May 2023	9:00am	0.2	0.2
Friday, 26 May 2023	9:01am	Saturday, 27 May 2023	9:00am	0	0
Saturday, 27 May 2023	9:01am	Sunday, 28 May 2023	9:00am	0	0
Sunday, 28 May 2023	9:01am	Monday, 29 May 2023	9:00am	0	0
Monday, 29 May 2023	9:01am	Tuesday, 30 May 2023	9:00am	0	0
Tuesday, 30 May 2023	9:01am	Wednesday, 31 May 2023	9:00am	0	0
Wednesday, 31 May 2023	9:01am	Thursday, 1 June 2023	9:00am	0	0
Thursday, 1 June 2023	9:01am	Friday, 2 June 2023	9:00am	0	0
Friday, 2 June 2023	9:01am	Saturday, 3 June 2023	9:00am	0.2	0.2
Saturday, 3 June 2023	9:01am	Sunday, 4 June 2023	9:00am	0.6	0.2
Sunday, 4 June 2023	9:01am	Monday, 5 June 2023	9:00am	2.8	0.6
Monday, 5 June 2023	9:01am	Tuesday, 6 June 2023	9:00am	1.8	0.2
Tuesday, 6 June 2023	9:01am	Wednesday, 7 June 2023	9:00am	3.4	0.4
Wednesday, 7 June 2023	9:01am	Thursday, 8 June 2023	9:00am	0.4	0.2
Thursday, 8 June 2023	9:01am	Friday, 9 June 2023	9:00am	0	0
Friday, 9 June 2023	9:01am	Saturday, 10 June 2023	9:00am	0.2	0.2
Saturday, 10 June 2023	9:01am	Sunday, 11 June 2023	9:00am	0.2	0.2
Sunday, 11 June 2023	9:01am	Monday, 12 June 2023	9:00am	0.2	0.2
Monday, 12 June 2023	9:01am	Tuesday, 13 June 2023	9:00am	0.2	0.2



**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 13 June 2023	9:01am	Wednesday, 14 June 2023	9:00am	0.2	0.2
Wednesday, 14 June 2023	9:01am	Thursday, 15 June 2023	9:00am	0	0
Thursday, 15 June 2023	9:01am	Friday, 16 June 2023	9:00am	0.2	0.2
Friday, 16 June 2023	9:01am	Saturday, 17 June 2023	9:00am	0	0
Saturday, 17 June 2023	9:01am	Sunday, 18 June 2023	9:00am	0.2	0.2
Sunday, 18 June 2023	9:01am	Monday, 19 June 2023	9:00am	0	0
Monday, 19 June 2023	9:01am	Tuesday, 20 June 2023	9:00am	0	0
Tuesday, 20 June 2023	9:01am	Wednesday, 21 June 2023	9:00am	0	0
Wednesday, 21 June 2023	9:01am	Thursday, 22 June 2023	9:00am	0	0
Thursday, 22 June 2023	9:01am	Friday, 23 June 2023	9:00am	1	0.2
Friday, 23 June 2023	9:01am	Saturday, 24 June 2023	9:00am	0	0
Saturday, 24 June 2023	9:01am	Sunday, 25 June 2023	9:00am	0	0
Sunday, 25 June 2023	9:01am	Monday, 26 June 2023	9:00am	0	0
Monday, 26 June 2023	9:01am	Tuesday, 27 June 2023	9:00am	0	0
Tuesday, 27 June 2023	9:01am	Wednesday, 28 June 2023	9:00am	0	0
Wednesday, 28 June 2023	9:01am	Thursday, 29 June 2023	9:00am	0	0
Thursday, 29 June 2023	9:01am	Friday, 30 June 2023	9:00am	0	0
Friday, 30 June 2023	9:01am	Saturday, 1 July 2023	9:00am	0	0
Saturday, 1 July 2023	9:01am	Sunday, 2 July 2023	9:00am	0	0
Sunday, 2 July 2023	9:01am	Monday, 3 July 2023	9:00am	0	0
Monday, 3 July 2023	9:01am	Tuesday, 4 July 2023	9:00am	2.4	0.4
Tuesday, 4 July 2023	9:01am	Wednesday, 5 July 2023	9:00am	5	0.2
Wednesday, 5 July 2023	9:01am	Thursday, 6 July 2023	9:00am	7.6	0.2
Thursday, 6 July 2023	9:01am	Friday, 7 July 2023	9:00am	0	0
Friday, 7 July 2023	9:01am	Saturday, 8 July 2023	9:00am	0	0
Saturday, 8 July 2023	9:01am	Sunday, 9 July 2023	9:00am	0	0
Sunday, 9 July 2023	9:01am	Monday, 10 July 2023	9:00am	0	0
Monday, 10 July 2023	9:01am	Tuesday, 11 July 2023	9:00am	0	0
Tuesday, 11 July 2023	9:01am	Wednesday, 12 July 2023	9:00am	0.8	0.2
Wednesday, 12 July 2023	9:01am	Thursday, 13 July 2023	9:00am	0.2	0.2
Thursday, 13 July 2023	9:01am	Friday, 14 July 2023	9:00am	0.2	0.2
Friday, 14 July 2023	9:01am	Saturday, 15 July 2023	9:00am	0.2	0.2
Saturday, 15 July 2023	9:01am	Sunday, 16 July 2023	9:00am	0	0
Sunday, 16 July 2023	9:01am	Monday, 17 July 2023	9:00am	2.2	0.2
Monday, 17 July 2023	9:01am	Tuesday, 18 July 2023	9:00am	6.8	0.4
Tuesday, 18 July 2023	9:01am	Wednesday, 19 July 2023	9:00am	0.4	0.2
Wednesday, 19 July 2023	9:01am	Thursday, 20 July 2023	9:00am	0	0
Thursday, 20 July 2023	9:01am	Friday, 21 July 2023	9:00am	0	0
Friday, 21 July 2023	9:01am	Saturday, 22 July 2023	9:00am	0	0
Saturday, 22 July 2023	9:01am	Sunday, 23 July 2023	9:00am	0	0
Sunday, 23 July 2023	9:01am	Monday, 24 July 2023	9:00am	5.6	0.2
Monday, 24 July 2023	9:01am	Tuesday, 25 July 2023	9:00am	0	0
Tuesday, 25 July 2023	9:01am	Wednesday, 26 July 2023	9:00am	2.2	0.4
Wednesday, 26 July 2023	9:01am	Thursday, 27 July 2023	9:00am	1.4	0.2
Thursday, 27 July 2023	9:01am	Friday, 28 July 2023	9:00am	0.2	0.2
Friday, 28 July 2023	9:01am	Saturday, 29 July 2023	9:00am	0	0
Saturday, 29 July 2023	9:01am	Sunday, 30 July 2023	9:00am	0	0
Sunday, 30 July 2023	9:01am	Monday, 31 July 2023	9:00am	0	0
Monday, 31 July 2023	9:01am	Tuesday, 1 August 2023	9:00am	0	0
Tuesday, 1 August 2023	9:01am	Wednesday, 2 August 2023	9:00am	0.2	0.2
Wednesday, 2 August 2023	9:01am	Thursday, 3 August 2023	9:00am	0.6	0.2
Thursday, 3 August 2023	9:01am	Friday, 4 August 2023	9:00am	1	0.2
Friday, 4 August 2023	9:01am	Saturday, 5 August 2023	9:00am	0.8	0.2
Saturday, 5 August 2023	9:01am	Sunday, 6 August 2023	9:00am	0.2	0.2
Sunday, 6 August 2023	9:01am	Monday, 7 August 2023	9:00am	13.2	0.6
Monday, 7 August 2023	9:01am	Tuesday, 8 August 2023	9:00am	5.8	0.6

**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)
Tuesday, 8 August 2023	9:01am	Wednesday, 9 August 2023	9:00am	0.2	0.2
Wednesday, 9 August 2023	9:01am	Thursday, 10 August 2023	9:00am	0.2	0.2
Thursday, 10 August 2023	9:01am	Friday, 11 August 2023	9:00am	0	0
Friday, 11 August 2023	9:01am	Saturday, 12 August 2023	9:00am	0	0
Saturday, 12 August 2023	9:01am	Sunday, 13 August 2023	9:00am	0	0
Sunday, 13 August 2023	9:01am	Monday, 14 August 2023	9:00am	0	0
Monday, 14 August 2023	9:01am	Tuesday, 15 August 2023	9:00am	0	0
Tuesday, 15 August 2023	9:01am	Wednesday, 16 August 2023	9:00am	0.2	0.2
Wednesday, 16 August 2023	9:01am	Thursday, 17 August 2023	9:00am	0	0
Thursday, 17 August 2023	9:01am	Friday, 18 August 2023	9:00am	3	0.2
Friday, 18 August 2023	9:01am	Saturday, 19 August 2023	9:00am	0	0
Saturday, 19 August 2023	9:01am	Sunday, 20 August 2023	9:00am	0	0
Sunday, 20 August 2023	9:01am	Monday, 21 August 2023	9:00am	0	0
Monday, 21 August 2023	9:01am	Tuesday, 22 August 2023	9:00am	0	0
Tuesday, 22 August 2023	9:01am	Wednesday, 23 August 2023	9:00am	0	0
Wednesday, 23 August 2023	9:01am	Thursday, 24 August 2023	9:00am	0	0
Thursday, 24 August 2023	9:01am	Friday, 25 August 2023	9:00am	0	0
Friday, 25 August 2023	9:01am	Saturday, 26 August 2023	9:00am	0	0
Saturday, 26 August 2023	9:01am	Sunday, 27 August 2023	9:00am	0	0
Sunday, 27 August 2023	9:01am	Monday, 28 August 2023	9:00am	0	0
Monday, 28 August 2023	9:01am	Tuesday, 29 August 2023	9:00am	0	0
Tuesday, 29 August 2023	9:01am	Wednesday, 30 August 2023	9:00am	1	0.2
Wednesday, 30 August 2023	9:01am	Thursday, 31 August 2023	9:00am	0.8	0.2
Thursday, 31 August 2023	9:01am	Friday, 1 September 2023	9:00am	0	0
Friday, 1 September 2023	9:01am	Saturday, 2 September 2023	9:00am	0	0
Saturday, 2 September 2023	9:01am	Sunday, 3 September 2023	9:00am	0	0
Sunday, 3 September 2023	9:01am	Monday, 4 September 2023	9:00am	0.2	0.2
Monday, 4 September 2023	9:01am	Tuesday, 5 September 2023	9:00am	2.6	0.4
Tuesday, 5 September 2023	9:01am	Wednesday, 6 September 2023	9:00am	0	0
Wednesday, 6 September 2023	9:01am	Thursday, 7 September 2023	9:00am	0	0
Thursday, 7 September 2023	9:01am	Friday, 8 September 2023	9:00am	0	0
Friday, 8 September 2023	9:01am	Saturday, 9 September 2023	9:00am	0	0
Saturday, 9 September 2023	9:01am	Sunday, 10 September 2023	9:00am	0	0
Sunday, 10 September 2023	9:01am	Monday, 11 September 2023	9:00am	20.4	1.2
Monday, 11 September 2023	9:01am	Tuesday, 12 September 2023	9:00am	0	0
Tuesday, 12 September 2023	9:01am	Wednesday, 13 September 2023	9:00am	0	0
Wednesday, 13 September 2023	9:01am	Thursday, 14 September 2023	9:00am	0	0
Thursday, 14 September 2023	9:01am	Friday, 15 September 2023	9:00am	0	0
Friday, 15 September 2023	9:01am	Saturday, 16 September 2023	9:00am	0	0
Saturday, 16 September 2023	9:01am	Sunday, 17 September 2023	9:00am	0	0
Sunday, 17 September 2023	9:01am	Monday, 18 September 2023	9:00am	0.2	0.2
Monday, 18 September 2023	9:01am	Tuesday, 19 September 2023	9:00am	0	0
Tuesday, 19 September 2023	9:01am	Wednesday, 20 September 2023	9:00am	0	0
Wednesday, 20 September 2023	9:01am	Thursday, 21 September 2023	9:00am	0	0
Thursday, 21 September 2023	9:01am	Friday, 22 September 2023	9:00am	0	0
Friday, 22 September 2023	9:01am	Saturday, 23 September 2023	9:00am	5.4	0.4
Saturday, 23 September 2023	9:01am	Sunday, 24 September 2023	9:00am	1.6	0.2
Sunday, 24 September 2023	9:01am	Monday, 25 September 2023	9:00am	0	0
Monday, 25 September 2023	9:01am	Tuesday, 26 September 2023	9:00am	0	0
Tuesday, 26 September 2023	9:01am	Wednesday, 27 September 2023	9:00am	0	0
Wednesday, 27 September 2023	9:01am	Thursday, 28 September 2023	9:00am	0	0
Thursday, 28 September 2023	9:01am	Friday, 29 September 2023	9:00am	0	0
Friday, 29 September 2023	9:01am	Saturday, 30 September 2023	9:00am	0	0
Saturday, 30 September 2023	9:01am	Sunday, 1 October 2023	9:00am	0.2	0.2
Sunday, 1 October 2023	9:01am	Monday, 2 October 2023	9:00am	0	0
Monday, 2 October 2023	9:01am	Tuesday, 3 October 2023	9:00am	0	0

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 3 October 2023	9:01am	Wednesday, 4 October 2023	9:00am	0	0
Wednesday, 4 October 2023	9:01am	Thursday, 5 October 2023	9:00am	0	0
Thursday, 5 October 2023	9:01am	Friday, 6 October 2023	9:00am	0	0
Friday, 6 October 2023	9:01am	Saturday, 7 October 2023	9:00am	0	0
Saturday, 7 October 2023	9:01am	Sunday, 8 October 2023	9:00am	5.6	0.4
Sunday, 8 October 2023	9:01am	Monday, 9 October 2023	9:00am	5.8	0.2
Monday, 9 October 2023	9:01am	Tuesday, 10 October 2023	9:00am	4.8	0.8
Tuesday, 10 October 2023	9:01am	Wednesday, 11 October 2023	9:00am	0	0
Wednesday, 11 October 2023	9:01am	Thursday, 12 October 2023	9:00am	0	0
Thursday, 12 October 2023	9:01am	Friday, 13 October 2023	9:00am	0	0
Friday, 13 October 2023	9:01am	Saturday, 14 October 2023	9:00am	0	0
Saturday, 14 October 2023	9:01am	Sunday, 15 October 2023	9:00am	0	0
Sunday, 15 October 2023	9:01am	Monday, 16 October 2023	9:00am	0	0
Monday, 16 October 2023	9:01am	Tuesday, 17 October 2023	9:00am	0	0
Tuesday, 17 October 2023	9:01am	Wednesday, 18 October 2023	9:00am	2	0.2
Wednesday, 18 October 2023	9:01am	Thursday, 19 October 2023	9:00am	2.2	0.2
Thursday, 19 October 2023	9:01am	Friday, 20 October 2023	9:00am	0	0
Friday, 20 October 2023	9:01am	Saturday, 21 October 2023	9:00am	0	0
Saturday, 21 October 2023	9:01am	Sunday, 22 October 2023	9:00am	0	0
Sunday, 22 October 2023	9:01am	Monday, 23 October 2023	9:00am	0	0
Monday, 23 October 2023	9:01am	Tuesday, 24 October 2023	9:00am	0	0
Tuesday, 24 October 2023	9:01am	Wednesday, 25 October 2023	9:00am	0	0
Wednesday, 25 October 2023	9:01am	Thursday, 26 October 2023	9:00am	0	0
Thursday, 26 October 2023	9:01am	Friday, 27 October 2023	9:00am	74.8	1.6
Friday, 27 October 2023	9:01am	Saturday, 28 October 2023	9:00am	52.2	1
Saturday, 28 October 2023	9:01am	Sunday, 29 October 2023	9:00am	0.6	0.2
Sunday, 29 October 2023	9:01am	Monday, 30 October 2023	9:00am	0	0
Monday, 30 October 2023	9:01am	Tuesday, 31 October 2023	9:00am	0	0
Tuesday, 31 October 2023	9:01am	Wednesday, 1 November 2023	9:00am	0	0
Wednesday, 1 November 2023	9:01am	Thursday, 2 November 2023	9:00am	0	0
Thursday, 2 November 2023	9:01am	Friday, 3 November 2023	9:00am	0	0
Friday, 3 November 2023	9:01am	Saturday, 4 November 2023	9:00am	0	0
Saturday, 4 November 2023	9:01am	Sunday, 5 November 2023	9:00am	5.2	0.2
Sunday, 5 November 2023	9:01am	Monday, 6 November 2023	9:00am	42.8	1.8
Monday, 6 November 2023	9:01am	Tuesday, 7 November 2023	9:00am	87.4	1.8
Tuesday, 7 November 2023	9:01am	Wednesday, 8 November 2023	9:00am	10	0.4
Wednesday, 8 November 2023	9:01am	Thursday, 9 November 2023	9:00am	0	0
Thursday, 9 November 2023	9:01am	Friday, 10 November 2023	9:00am	0.4	0.2
Friday, 10 November 2023	9:01am	Saturday, 11 November 2023	9:00am	0	0
Saturday, 11 November 2023	9:01am	Sunday, 12 November 2023	9:00am	20.6	1.4
Sunday, 12 November 2023	9:01am	Monday, 13 November 2023	9:00am	0	0
Monday, 13 November 2023	9:01am	Tuesday, 14 November 2023	9:00am	0	0
Tuesday, 14 November 2023	9:01am	Wednesday, 15 November 2023	9:00am	0	0
Wednesday, 15 November 2023	9:01am	Thursday, 16 November 2023	9:00am	0	0
Thursday, 16 November 2023	9:01am	Friday, 17 November 2023	9:00am	6.6	1.8
Friday, 17 November 2023	9:01am	Saturday, 18 November 2023	9:00am	0.8	0.2
Saturday, 18 November 2023	9:01am	Sunday, 19 November 2023	9:00am	0	0
Sunday, 19 November 2023	9:01am	Monday, 20 November 2023	9:00am	0	0
Monday, 20 November 2023	9:01am	Tuesday, 21 November 2023	9:00am	17	0.4
Tuesday, 21 November 2023	9:01am	Wednesday, 22 November 2023	9:00am	0	0
Wednesday, 22 November 2023	9:01am	Thursday, 23 November 2023	9:00am	0	0
Thursday, 23 November 2023	9:01am	Friday, 24 November 2023	9:00am	1	0.2
Friday, 24 November 2023	9:01am	Saturday, 25 November 2023	9:00am	0.2	0.2
Saturday, 25 November 2023	9:01am	Sunday, 26 November 2023	9:00am	0	0
Sunday, 26 November 2023	9:01am	Monday, 27 November 2023	9:00am	0.2	0.2
Monday, 27 November 2023	9:01am	Tuesday, 28 November 2023	9:00am	2.6	0.2



**Sampling Point:**

Licencee  
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)
Tuesday, 28 November 2023	9:01am	Wednesday, 29 November 2023	9:00am	4	0.2
Wednesday, 29 November 2023	9:01am	Thursday, 30 November 2023	9:00am	5.8	1.4
Thursday, 30 November 2023	9:01am	Friday, 1 December 2023	9:00am	0	0
Friday, 1 December 2023	9:01am	Saturday, 2 December 2023	9:00am	0.2	0.2
Saturday, 2 December 2023	9:01am	Sunday, 3 December 2023	9:00am	0	0
Sunday, 3 December 2023	9:01am	Monday, 4 December 2023	9:00am	0	0
Monday, 4 December 2023	9:01am	Tuesday, 5 December 2023	9:00am	0.2	0.2
Tuesday, 5 December 2023	9:01am	Wednesday, 6 December 2023	9:00am	0	0
Wednesday, 6 December 2023	9:01am	Thursday, 7 December 2023	9:00am	0	0
Thursday, 7 December 2023	9:01am	Friday, 8 December 2023	9:00am	0	0
Friday, 8 December 2023	9:01am	Saturday, 9 December 2023	9:00am	0	0
Saturday, 9 December 2023	9:01am	Sunday, 10 December 2023	9:00am	0	0
Sunday, 10 December 2023	9:01am	Monday, 11 December 2023	9:00am	0	0
Monday, 11 December 2023	9:01am	Tuesday, 12 December 2023	9:00am	0	0
Tuesday, 12 December 2023	9:01am	Wednesday, 13 December 2023	9:00am	0	0
Wednesday, 13 December 2023	9:01am	Thursday, 14 December 2023	9:00am	0	0
Thursday, 14 December 2023	9:01am	Friday, 15 December 2023	9:00am	3.4	0.4
Friday, 15 December 2023	9:01am	Saturday, 16 December 2023	9:00am	0.2	0.2
Saturday, 16 December 2023	9:01am	Sunday, 17 December 2023	9:00am	0.2	0.2
Sunday, 17 December 2023	9:01am	Monday, 18 December 2023	9:00am	0	0
Monday, 18 December 2023	9:01am	Tuesday, 19 December 2023	9:00am	0	0
Tuesday, 19 December 2023	9:01am	Wednesday, 20 December 2023	9:00am	0	0
Wednesday, 20 December 2023	9:01am	Thursday, 21 December 2023	9:00am	0	0
Thursday, 21 December 2023	9:01am	Friday, 22 December 2023	9:00am	4.4	0.2
Friday, 22 December 2023	9:01am	Saturday, 23 December 2023	9:00am	0.2	0.2
Saturday, 23 December 2023	9:01am	Sunday, 24 December 2023	9:00am	8.6	0.2
Sunday, 24 December 2023	9:01am	Monday, 25 December 2023	9:00am	3.8	0.2
Monday, 25 December 2023	9:01am	Tuesday, 26 December 2023	9:00am	2.2	0.2
Tuesday, 26 December 2023	9:01am	Wednesday, 27 December 2023	9:00am	0	0
Wednesday, 27 December 2023	9:01am	Thursday, 28 December 2023	9:00am	0	0
Thursday, 28 December 2023	9:01am	Friday, 29 December 2023	9:00am	0	0
Friday, 29 December 2023	9:01am	Saturday, 30 December 2023	9:00am	0	0
Saturday, 30 December 2023	9:01am	Sunday, 31 December 2023	9:00am	0	0
Sunday, 31 December 2023	9:01am	Monday, 1 January 2024	9:00am	5.6	0.4
Monday, 1 January 2024	9:01am	Tuesday, 2 January 2024	9:00am	0	0
Tuesday, 2 January 2024	9:01am	Wednesday, 3 January 2024	9:00am	0	0
Wednesday, 3 January 2024	9:01am	Thursday, 4 January 2024	9:00am	2.6	0.2
Thursday, 4 January 2024	9:01am	Friday, 5 January 2024	9:00am	0.6	0.2
Friday, 5 January 2024	9:01am	Saturday, 6 January 2024	9:00am	1.4	0.4
Saturday, 6 January 2024	9:01am	Sunday, 7 January 2024	9:00am	3	0.4
Sunday, 7 January 2024	9:01am	Monday, 8 January 2024	9:00am	0	0
Monday, 8 January 2024	9:01am	Tuesday, 9 January 2024	9:00am	0	0
Tuesday, 9 January 2024	9:01am	Wednesday, 10 January 2024	9:00am	0	0
Wednesday, 10 January 2024	9:01am	Thursday, 11 January 2024	9:00am	0.2	0.2
Thursday, 11 January 2024	9:01am	Friday, 12 January 2024	9:00am	2.2	1
Friday, 12 January 2024	9:01am	Saturday, 13 January 2024	9:00am	4.6	0.6
Saturday, 13 January 2024	9:01am	Sunday, 14 January 2024	9:00am	0.2	0.2
Sunday, 14 January 2024	9:01am	Monday, 15 January 2024	9:00am	16	1.2
Monday, 15 January 2024	9:01am	Tuesday, 16 January 2024	9:00am	84.4	2
Tuesday, 16 January 2024	9:01am	Wednesday, 17 January 2024	9:00am	24	1.8
Wednesday, 17 January 2024	9:01am	Thursday, 18 January 2024	9:00am	4.6	0.4
Thursday, 18 January 2024	9:01am	Friday, 19 January 2024	9:00am	1	0.2
Friday, 19 January 2024	9:01am	Saturday, 20 January 2024	9:00am	10.2	0.8
Saturday, 20 January 2024	9:01am	Sunday, 21 January 2024	9:00am	0.2	0.2
Sunday, 21 January 2024	9:01am	Monday, 22 January 2024	9:00am	0	0
Monday, 22 January 2024	9:01am	Tuesday, 23 January 2024	9:00am	0.8	0.2

**Sampling Point:** Rain gauge  
 Licencee: 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)
Tuesday, 23 January 2024	9:01am	Wednesday, 24 January 2024	9:00am	0.2	0.2
Wednesday, 24 January 2024	9:01am	Thursday, 25 January 2024	9:00am	0	0
Thursday, 25 January 2024	9:01am	Friday, 26 January 2024	9:00am	0	0
Friday, 26 January 2024	9:01am	Saturday, 27 January 2024	9:00am	0	0
Saturday, 27 January 2024	9:01am	Sunday, 28 January 2024	9:00am	44.4	2.2
Sunday, 28 January 2024	9:01am	Monday, 29 January 2024	9:00am	0.4	0.2
Monday, 29 January 2024	9:01am	Tuesday, 30 January 2024	9:00am	1.8	0.2
Tuesday, 30 January 2024	9:01am	Wednesday, 31 January 2024	9:00am	0	0
Wednesday, 31 January 2024	9:01am	Thursday, 1 February 2024	9:00am	0	0
Thursday, 1 February 2024	9:01am	Friday, 2 February 2024	9:00am	0	0
Friday, 2 February 2024	9:01am	Saturday, 3 February 2024	9:00am	0	0
Saturday, 3 February 2024	9:01am	Sunday, 4 February 2024	9:00am	0	0
Sunday, 4 February 2024	9:01am	Monday, 5 February 2024	9:00am	0	0
Monday, 5 February 2024	9:01am	Tuesday, 6 February 2024	9:00am	0	0
Tuesday, 6 February 2024	9:01am	Wednesday, 7 February 2024	9:00am	0	0
Wednesday, 7 February 2024	9:01am	Thursday, 8 February 2024	9:00am	18	0.6
Thursday, 8 February 2024	9:01am	Friday, 9 February 2024	9:00am	16.8	0.4
Friday, 9 February 2024	9:01am	Saturday, 10 February 2024	9:00am	2.2	0.6
Saturday, 10 February 2024	9:01am	Sunday, 11 February 2024	9:00am	7.6	0.8
Sunday, 11 February 2024	9:01am	Monday, 12 February 2024	9:00am	22.6	1
Monday, 12 February 2024	9:01am	Tuesday, 13 February 2024	9:00am	0	0
Tuesday, 13 February 2024	9:01am	Wednesday, 14 February 2024	9:00am	0	0
Wednesday, 14 February 2024	9:01am	Thursday, 15 February 2024	9:00am	0	0
Thursday, 15 February 2024	9:01am	Friday, 16 February 2024	9:00am	31	1.2
Friday, 16 February 2024	9:01am	Saturday, 17 February 2024	9:00am	8.2	0.2
Saturday, 17 February 2024	9:01am	Sunday, 18 February 2024	9:00am	0.2	0.2
Sunday, 18 February 2024	9:01am	Monday, 19 February 2024	9:00am	0	0
Monday, 19 February 2024	9:01am	Tuesday, 20 February 2024	9:00am	56.6	2
Tuesday, 20 February 2024	9:01am	Wednesday, 21 February 2024	9:00am	0	0
Wednesday, 21 February 2024	9:01am	Thursday, 22 February 2024	9:00am	0.2	0.2
Thursday, 22 February 2024	9:01am	Friday, 23 February 2024	9:00am	0	0
Friday, 23 February 2024	9:01am	Saturday, 24 February 2024	9:00am	0	0
Saturday, 24 February 2024	9:01am	Sunday, 25 February 2024	9:00am	8	0.4
Sunday, 25 February 2024	9:01am	Monday, 26 February 2024	9:00am	0	0
Monday, 26 February 2024	9:01am	Tuesday, 27 February 2024	9:00am	7.6	0.6
Tuesday, 27 February 2024	9:01am	Wednesday, 28 February 2024	9:00am	1.8	0.8
Wednesday, 28 February 2024	9:01am	Thursday, 29 February 2024	9:00am	0	0
Thursday, 29 February 2024	9:01am	Friday, 1 March 2024	9:00am	0	0
Friday, 1 March 2024	9:01am	Saturday, 2 March 2024	9:00am	0	0
Saturday, 2 March 2024	9:01am	Sunday, 3 March 2024	9:00am	1.2	0.2
Sunday, 3 March 2024	9:01am	Monday, 4 March 2024	9:00am	2.4	0.6
Monday, 4 March 2024	9:01am	Tuesday, 5 March 2024	9:00am	23.6	1
Tuesday, 5 March 2024	9:01am	Wednesday, 6 March 2024	9:00am	1.4	0.2
Wednesday, 6 March 2024	9:01am	Thursday, 7 March 2024	9:00am	0	0
Thursday, 7 March 2024	9:01am	Friday, 8 March 2024	9:00am	0	0
Friday, 8 March 2024	9:01am	Saturday, 9 March 2024	9:00am	3.2	0.8
Saturday, 9 March 2024	9:01am	Sunday, 10 March 2024	9:00am	16.6	2
Sunday, 10 March 2024	9:01am	Monday, 11 March 2024	9:00am	8	1.4
Monday, 11 March 2024	9:01am	Tuesday, 12 March 2024	9:00am	1.8	0.4
Tuesday, 12 March 2024	9:01am	Wednesday, 13 March 2024	9:00am	0.2	0.2
Wednesday, 13 March 2024	9:01am	Thursday, 14 March 2024	9:00am	0	0
Thursday, 14 March 2024	9:01am	Friday, 15 March 2024	9:00am	0.6	0.2
Friday, 15 March 2024	9:01am	Saturday, 16 March 2024	9:00am	3.4	0.2
Saturday, 16 March 2024	9:01am	Sunday, 17 March 2024	9:00am	40	1.4
Sunday, 17 March 2024	9:01am	Monday, 18 March 2024	9:00am	1.6	0.2
Monday, 18 March 2024	9:01am	Tuesday, 19 March 2024	9:00am	15.4	1

**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)
Tuesday, 19 March 2024	9:01am	Wednesday, 20 March 2024	9:00am	0.8	0.2
Wednesday, 20 March 2024	9:01am	Thursday, 21 March 2024	9:00am	20.6	0.8
Thursday, 21 March 2024	9:01am	Friday, 22 March 2024	9:00am	3	0.2
Friday, 22 March 2024	9:01am	Saturday, 23 March 2024	9:00am	0.2	0.2
Saturday, 23 March 2024	9:01am	Sunday, 24 March 2024	9:00am	0.2	0.2
Sunday, 24 March 2024	9:01am	Monday, 25 March 2024	9:00am	2.6	0.2
Monday, 25 March 2024	9:01am	Tuesday, 26 March 2024	9:00am	23	0.6
Tuesday, 26 March 2024	9:01am	Wednesday, 27 March 2024	9:00am	42.8	0.6
Wednesday, 27 March 2024	9:01am	Thursday, 28 March 2024	9:00am	2.2	0.4
Thursday, 28 March 2024	9:01am	Friday, 29 March 2024	9:00am	2	1
Friday, 29 March 2024	9:01am	Saturday, 30 March 2024	9:00am	2.2	0.6
Saturday, 30 March 2024	9:01am	Sunday, 31 March 2024	9:00am	0	0
Sunday, 31 March 2024	9:01am	Monday, 1 April 2024	9:00am	0	0
Monday, 1 April 2024	9:01am	Tuesday, 2 April 2024	9:00am	0	0
Tuesday, 2 April 2024	9:01am	Wednesday, 3 April 2024	9:00am	0.2	0.2
Wednesday, 3 April 2024	9:01am	Thursday, 4 April 2024	9:00am	226	2.4
Thursday, 4 April 2024	9:01am	Friday, 5 April 2024	9:00am	95.6	1.6
Friday, 5 April 2024	9:01am	Saturday, 6 April 2024	9:00am	6.8	0.6
Saturday, 6 April 2024	9:01am	Sunday, 7 April 2024	9:00am	15.2	0.6
Sunday, 7 April 2024	9:01am	Monday, 8 April 2024	9:00am	1	0.2
Monday, 8 April 2024	9:01am	Tuesday, 9 April 2024	9:00am	0.2	0.2
Tuesday, 9 April 2024	9:01am	Wednesday, 10 April 2024	9:00am	0	0
Wednesday, 10 April 2024	9:01am	Thursday, 11 April 2024	9:00am	0	0
Thursday, 11 April 2024	9:01am	Friday, 12 April 2024	9:00am	0	0
Friday, 12 April 2024	9:01am	Saturday, 13 April 2024	9:00am	0	0
Saturday, 13 April 2024	9:01am	Sunday, 14 April 2024	9:00am	0	0
Sunday, 14 April 2024	9:01am	Monday, 15 April 2024	9:00am	0	0
Monday, 15 April 2024	9:01am	Tuesday, 16 April 2024	9:00am	0	0
Tuesday, 16 April 2024	9:01am	Wednesday, 17 April 2024	9:00am	0.2	0.2
Wednesday, 17 April 2024	9:01am	Thursday, 18 April 2024	9:00am	0	0
Thursday, 18 April 2024	9:01am	Friday, 19 April 2024	9:00am	6	0.4
Friday, 19 April 2024	9:01am	Saturday, 20 April 2024	9:00am	1.6	0.2
Saturday, 20 April 2024	9:01am	Sunday, 21 April 2024	9:00am	78.2	1.6
Sunday, 21 April 2024	9:01am	Monday, 22 April 2024	9:00am	5.4	0.4
Monday, 22 April 2024	9:01am	Tuesday, 23 April 2024	9:00am	8.4	0.6
Tuesday, 23 April 2024	9:01am	Wednesday, 24 April 2024	9:00am	1.6	0.2
Wednesday, 24 April 2024	9:01am	Thursday, 25 April 2024	9:00am	1.8	1.8
Thursday, 25 April 2024	9:01am	Friday, 26 April 2024	9:00am	14.6	1.2
Friday, 26 April 2024	9:01am	Saturday, 27 April 2024	9:00am	4.8	0.6
Saturday, 27 April 2024	9:01am	Sunday, 28 April 2024	9:00am	12.6	0.8
Sunday, 28 April 2024	9:01am	Monday, 29 April 2024	9:00am	16.2	0.8
Monday, 29 April 2024	9:01am	Tuesday, 30 April 2024	9:00am	0	0
Tuesday, 30 April 2024	9:01am	Wednesday, 1 May 2024	9:00am	N/A	N/A