



# **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:  
Licence  
Location  
EPL No  
Parameters Monitored  
Frequency & Method  
Limits

**Monitoring Point 1 - No 12 Boiler Stack Emissions**  
Cape Byron Management Pty Ltd  
Broadwater Cogeneration Power Plant  
20425 <http://www.epa.nsw.gov.au/prpoeoapp/>  
see individual parameters in table  
Annually in accordance with EPA protocols  
see individual parameters in table



			RESULTS TABLE					
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

**Sampling Point:** Monitoring Point 2 - No 1 Cogeneration Boiler Stack Emissions  
 Licencee Cape Byron Management Pty Ltd  
 Location Broadwater Cogeneration Power Plant  
 EPL No 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>  
 Parameter/s Monitored see individual parameters in table  
 Frequency & Method Quarterly in accordance with EPA protocols  
 Limits see individual parameters in table



Report Number Sampling Date Date Received Date Published			RESULTS TABLE											
			AE11748	AE11813	AE11951	AE12084	AE 12202	AE 12329	AE 13050	AE 13192	AE 13401	AE 13475	AE 13616	
			08-Jan-19	29-Jan-19	07-May-19	20-Aug-19	31-Oct-19	21-Jan-20	21-Apr-20	16-Jul-20	10-Nov-20	09-Feb-21	07-Apr-21	
			15-Jan-19	18-Feb-19	05-Jun-19	13-Sep-19	06-Nov-19	06-Feb-20	20-May-20	25-Aug-20	23-Nov-20	02-Mar-21	26-May-21	
			18-Jan-19	30-Apr-19	18-Jun-19	23-Sep-19	28-Nov-19	06-Mar-20	29-May-20	27-Aug-20	3-Dec-20	12-Mar-21	02-Jun-21	
Measured Parameters dry @ STP and corrected to 7% O2		Units	Concentration Limit											
Average stack gas temperature		°C	Not Applicable	64.0	60.0	63.3	72.2	66.0	62.0	59.0	67.0	68.0	61.0	63.0
Average velocity at sampling plane		m/s	Not Applicable	11.3	10.7	12.5	13.1	14.9	13.70	11.1	14.8	15.7	13.4	17.9
Dry Gas Volumetric Flowrate		m³/sec	Not Applicable	48.2	46.6	53.4	55.6	58.8	64.60	50.1	58.1	65.2	57.5	77.8
Dry Gas Density		kg/m³	Not Applicable	1.4	1.4	1.4	1.4	1.3	1.34	1.3	1.3	1.4	1.3	1.3
Molecular Weight of Stack Gases		g/g mole	Not Applicable	30.2	30.2	30.2	30.4	30.1	30.00	30.0	30.1	30.2	30.0	29.8
Moisture content		%	Not Applicable	16.7	16.2	17.3	15.4	23.0	7.70	13.5	22.8	18.8	17.7	15.9
Concentration of carbon dioxide		%	Not Applicable	11.6	11.0	11.4	13.0	10.8	9.70	9.3	10.7	11.1	9.7	7.7
Total Solid Particles		mg/m³	100	19.6	32.4	39.4	15.2	20.7	50.20	11.9	15.6	41.1	24.9	48.3
Sulphuric Acid Mist & Sulphur Trioxide as SO₃		mg/m³	12	0.90	1.9	11.70	7.2	9.27	0.77	2.4	7.0	3.5	1.8	3.5
Nitrogen Oxides (NOx)		mg/m³	500	172.0	142.0	142.0	462.0	303.0	170.0	159.0	325.0	300.0	146.0	93.6

**Notes**

1) Reactor in 66 KV switchyard caught fire 3/6/15 the day prior to scheduled quarterly test triggering shutdown - testing postponed till next quarter

			RESULTS TABLE									
Report Number			AE 13741	AE 13901	AE 14555	AE 14703	AE 14762	AE 14903	AE 15072	AE 15185	AE15397	AE15490
Sampling Date			15-Jul-21	25-Oct-21	16-Sep-22	15-Dec-22	09-Feb-23	19-Apr-23	11-Jul-23	23-Nov-23	17-Jan-24	07-Mar-24
Date Received			02-Aug-21	09-Nov-21	03-Nov-22	11-Jan-23	20-Mar-23	05-May-23	14-Aug-23	29-Jan-24	11-Feb-24	16-Apr-24
Date Published			13-Aug-21	23-Nov-21	23-Nov-21	25-Jan-23	22-Mar-23	17-May-23	23-Aug-23	07-Feb-24	21-Feb-24	17-Apr-24
Measured Parameters dry @ STP and corrected to 7% O <sub>2</sub>	Units	Concentration Limit										
Average stack gas temperature	°C	Not Applicable	66.0	63.0	73.3	64.0	64.0	63.0	70.0	64.0	63.7	60.0
Average velocity at sampling plane	m/s	Not Applicable	19.7	17.1	16.7	15.1	23.9	16.5	16.9	8.1	20.1	14.8
Dry Gas Volumetric Flowrate	m <sup>3</sup> /sec	Not Applicable	124.8	72.5	67.0	61.7	103.6	67.7	67.7	68.4	85.1	64.4
Dry Gas Density	kg/m <sup>3</sup>	Not Applicable	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Molecular Weight of Stack Gases	g/g mole	Not Applicable	30.2	30.3	28.8	30.1	30.0	29.9	30.0	29.9	29.8	29.8
Moisture content	%	Not Applicable	20.0	17.7	19.9	19.5	15.2	20.3	20.9	12.8	17.3	16.4
Concentration of carbon dioxide	%	Not Applicable	11.1	11.7	12.7	10.5	9.7	9.2	10.0	8.8	8.3	7.8
Total Solid Particles	mg/m <sup>3</sup>	100	17.0	54.5	21.5	19.2	17.1	17.6	64.7	30.6	29.0	44.2
Sulphuric Acid Mist & Sulphur Trioxide as SO <sub>3</sub>	mg/m <sup>3</sup>	12	5.8	0.2	0.9	11.9	11.97	11.96	7.00	5.50	7.90	1.80
Nitrogen Oxides (NOx)	mg/m <sup>3</sup>	500	228.0	141.0	247.0	279.0	136.0	171.0	299.0	229.0	172.0	215.0

**Sampling Point:** **Monitoring Point 3 - Ambient Air Monitoring**  
 Licencee Cape Byron Management Pty Ltd  
 Location Broadwater Cogeneration Power Plant  
 EPL No 20425 <http://www.epa.nsw.gov.au/prpoeoapp/>  
 Parameters Monitored 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**  
 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
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	

**Sampling Point:** **Monitoring Point 3 - Ambient Air Monitoring**  
 Licencee Cape Byron Management Pty Ltd  
 Location Broadwater Cogeneration Power Plant  
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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
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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 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
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	

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



Date Sample Collected	Date Received	Date Published	Results (ug/m <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	Paper lost in transit
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	
4-May-24	17-May-24	12-Jun-24	14.8	
10-May-24	17-May-24	12-Jun-24	7.8	
16-May-24	17-May-24	12-Jun-24	6.0	
22-May-24	17-May-24	12-Jun-24	5.7	
28-May-24	17-May-24	12-Jun-24	8.2	
3-Jun-24	11-Jul-24	24-Jul-24	3.4	
9-Jun-24	11-Jul-24	24-Jul-24	6.1	
15-Jun-24	11-Jul-24	24-Jul-24	5.0	
21-Jun-24	11-Jul-24	24-Jul-24	15.4	
27-Jun-24	11-Jul-24	24-Jul-24	15.0	

**Sampling Point:**

Licencee  
Location  
EPL No  
Parameters Monitored

**Monitoring Point 3 - Ambient Air Monitoring**

Cape Byron Management Pty Ltd  
Broadwater Cogeneration Power Plant  
20425 <http://www.epa.nsw.gov.au/prpoeoapp/>  
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	
6-May-24	15-May-24	29-May-24	0.13	
5-Jun-24	14-Jun-24	26-Jun-24	0.28	
8-Jul-24	12-Jul-24	24-Jul-24	0.17	

**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	
6-May-24	15-May-24	29-May-24	0.27	
5-Jun-24	14-Jun-24	26-Jun-24	0.25	
8-Jul-24	12-Jul-24	24-Jul-24	0.43	

**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:** Continous 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	
6-May-24	15-May-24	29-May-24	0.23	
5-Jun-24	14-Jun-24	26-Jun-24	0.58	
8-Jul-24	12-Jul-24	24-Jul-24	0.33	

**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	
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
24-Jun-24	7-Jul-24	10-Jul-24	0.00	21.0	15.98	Boiler offline 29/6-30/6, 6/7-8/7
8-Jul-24	21-Jul-24	24-Jul-24	0.00	21.0	17.84	Boiler offline 9/7 - 16/7, 20/7

**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		Date Published	Oxygen (%)			Notes
Date Start	Date Finish		Minimum Value	Mean Value	Maximum Value	
						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 (%)			
Date Start	Date Finish	Date Published	Minimum Value	Mean Value	Maximum Value	Notes
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 (%)			
Date Start	Date Finish	Date Published	Minimum Value	Mean Value	Maximum Value	Notes
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 (%)			
Date Start	Date Finish	Date Published	Minimum Value	Mean Value	Maximum Value	Notes
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
29-Apr-24	12-May-24	15-May-24	0.60	10.68	21.3	Boiler offline 29/4, 2/5, 3/5-6/5, 8/5-12/5
13-May-24	26-May-24	29-May-24	3.00	13.46	21.3	Boiler offline on weekends
27-May-24	9-Jun-24	12-Jun-24	2.90	11.06	21.7	Boiler offline 27/5, 30/5-4/6, 6/6-9/6
10-Jun-24	23-Jun-24	26-Jun-24	3.00	11.99	21.4	Boiler offline 10/6, 11/6, 14/6-18/6, 22/6, 23/6

Licencee	Cape Byron Management Pty Ltd
Location	Broadwater Cogeneration Power Plant
EPL No	20425 <a href="http://www.epa.nsw.gov.au/prpoeoapp/">http://www.epa.nsw.gov.au/prpoeoapp/</a>
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

[illegible]

**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
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 mnutess
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:** Set 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
29-Apr-24	12-May-24	15-May-24	20	27	32	68592	115416	137184	Boiler offline 29/4, 2/5, 3/5-6/5, 8/5-12/5
13-May-24	26-May-24	29-May-24	17	23	34	68592	111575	137184	Boiler offline on weekends
27-May-24	9-Jun-24	12-Jun-24	17	24	30	68592	116771	137184	Boiler offline 27/5, 30/5-4/6, 6/6-9/6
10-Jun-24	23-Jun-24	26-Jun-24	16	22	30	68592	105781	137184	Boiler offline 10/6, 11/6, 14/6- 18/6, 22/6, 23/6
24-Jun-24	7-Jul-24	10-Jul-24	16	24	30	129896	135972	137184	Boiler offline 24/6, 30/6, 6/7-7/7
8-Jul-24	21-Jul-24	24-Jul-24	15	23	30	74784	125367	137184	Boiler offline 8/7, 9/7 & 21/7

**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	
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  
 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	
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	

**Sampling Point:**

Licencee  
Location  
EPL No

Parameters Monitored  
Monitoring Frequency

Limits

**Monitoring Point 9 - Cogeneration Cooling Water Inlet**

Cape Byron Management Pty Ltd  
Broadwater Cogeneration Power Plant  
20425 <http://www.epa.nsw.gov.au/prpoeoapp/>

Temperature

Continuous online (by calculation)

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	
9-Jan-23	22-Jan-23	25-Jan-23	27.7	29.2	31.2	137184	137184	137184	
23-Jan-23	5-Feb-23	8-Feb-23	24.7	30.7	50.4	24197	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	39.9	8955	112531	137184	Boiler offline 13/11/23 - 17/11/23, 20/11/23, 25/11/23 - high temp due to factory shutdown
27-Nov-23	10-Dec-23	13-Dec-23	26.5	28.4	36.3	68592	123513	137184	Boiler offline 1/12/23 - 4/12/23
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	39.3	54064	114887	137184	Boiler offline 22/1, 26/1-29/1, 31/1-4/2
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
29-Apr-24	12-May-24	15-May-24	20.9	21.8	22.9	68592	115416	137184	Boiler offline 29/4, 2/5, 3/5-6/5, 8/5-12/5
13-May-24	26-May-24	29-May-24	18.2	19.9	21.4	68592	111575	137184	Boiler offline on weekends

**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)			
Date Start	Date Finish	Date Published	Minimum Background Temperature	Mean Background Temperature	Maximum Background Temperature	Minimum Daily Intake	Mean Daily Intake	Maximum Daily Intake	Notes
27-May-24	9-Jun-24	12-Jun-24	18.3	19.2	20.1	68592	116771	137184	Boiler offline 27/5, 30/5-4/6, 6/6-9/6
10-Jun-24	23-Jun-24	26-Jun-24	17.2	17.9	18.8	68592	105781	137184	Boiler offline 10/6, 11/6, 14/6- 18/6, 22/6, 23/6
24-Jun-24	7-Jul-24	10-Jul-24	16.6	17.7	19.7	129896	135972	137184	Boiler offline 24/6, 30/6, 6/7-7/7
8-Jul-24	21-Jul-24	24-Jul-24	15.4	17.3	18.8	74784	125367	137184	Boiler offline 8/7, 9/7 & 21/7

**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

20-Mar-22	NA	NA	NR	NR	NR	NR	NR	Pond sample unable to be taken due to flooding in Feb
29-Apr-22	29-Apr-22	18-May-22	70.6	127.0	5.0	1.6	1.2	
18-May-22	26-May-22	1-Jun-22	7.7	23.0	6.1	1.3	0.8	
21-Jun-22	30-Jun-22	27-Jul-22	3.7	15.0	6.3	0.9	0.9	
22-Jul-22	2-Aug-22	10-Aug-22	4.2	44.0	6.2	0.9	0.9	
18-Aug-22	26-Aug-22	7-Sep-22	1.9	23.0	6.6	0.7	1.3	
15-Sep-22	26-Sep-22	5-Oct-22	2.2	10.0	5.8	1.4	1.3	
18-Oct-22	27-Oct-22	16-Nov-22	3.6	19.0	6.6	0.6	0.8	
21-Nov-22	1-Dec-22	14-Dec-22	2.3	5.0	7.0	0.8	0.9	
19-Dec-22	3-Jan-23	11-Jan-23	2.9	10.0	7.0	1.1	0.6	
18-Jan-23	27-Jan-23	8-Feb-23	1.8	2.0	6.9	0.6	0.6	
21-Feb-23	3-Mar-23	8-Mar-23	2.7	5.0	6.8	0.7	0.7	
21-Mar-23	31-Mar-23	5-Apr-23	2.3	23.0	6.4	0.7	0.9	
18-Apr-23	28-Apr-23	17-May-23	4.7	26.0	6.6	0.6	0.6	
18-May-23	1-Jun-23	14-Jun-23	8.5	235.0	6.2	0.7	1.0	
19-Jun-23	29-Jun-23	12-Jul-23	1.4	10.0	6.5	0.5	0.6	
18-Jul-23	1-Aug-23	9-Aug-23	2.6	10.0	6.6	0.4	0.4	
17-Aug-23	30-Aug-23	6-Sep-23	1.4	11.0	6.7	0.6	0.3	
18-Sep-23	17-Oct-23	18-Oct-23	<1	4.0	7.1	0.5	0.2	
17-Oct-23	23-Oct-23	1-Nov-23	2.1	8.0	7.1	0.6	0.2	
20-Nov-23	5-Dec-23	13-Dec-23	3.5	15.0	6.5	0.6	0.8	
19-Dec-23	5-Jan-24	10-Jan-24	0.3	18.0	6.7	0.5	0.6	
17-Jan-24	30-Jan-24	7-Feb-24	20.5	228.0	6.4	1.1	1.3	
19-Feb-24	29-Feb-24	6-Mar-24	5.9	46.0	6.6	0.8	0.9	
19-Mar-24	28-Mar-24	3-Apr-24	7.7	104.0	6.6	1.2	1.0	
16-Apr-24	30-Apr-24	1-May-24	3.8	91.0	6.6	1.0	1.1	
20-May-24	28-May-24	29-May-24	7.9	308	6.3	1.4	1.3	
17-Jun-24	27-Jun-24	10-Jul-24	4.6	31	6.5	0.8	0.4	
18-Jul-24	NR	24-Jul-24	N/A	N/A	N/A	N/A	N/A	



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



			PARAMETERS MEASURED					
Date Sampled	Date Received	Date Published	BOD <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	
20-May-24	28-May-24	29-May-24	4.2	9	7.2	1.1	0.3	
17-Jun-24	27-Jun-24	10-Jul-24	<1	4	7.2	1.6	0.4	
18-Jul-24	NR	24-Jul-24	N/A	N/A	N/A	N/A	N/A	

**Sampling Point:**

Licencee

Location

EPL No

Parameters Measured

Frequency &amp; 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
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	
		03-Oct-23	16-Oct-23	18-Oct-23	0.325	
		16-Apr-24	01-May-24	15-May-24	1.320	
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	
		03-Oct-23	16-Oct-23	18-Oct-23	0.038	
		16-Apr-24	01-May-24	15-May-24	0.066	
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	
		03-Oct-23	16-Oct-23	18-Oct-23	0.002	
		16-Apr-24	01-May-24	15-May-24	0.002	
Barium	mg/l	22-Mar-19	04-Apr-19	23-Jul-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	

**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/>  
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Biannual Grab Sample  
Not Prescribed



Pollutants	Units	Date Sampled	Date Received	Date Published	Results	Notes
		04-Oct-22	26-Oct-22	02-Nov-22	0.137	
		03-Apr-23	21-Apr-23	03-May-23	0.093	
		03-Oct-23	16-Oct-23	18-Oct-23	0.055	
		16-Apr-24	01-May-24	15-May-24	0.049	
<b>Bicarbonate</b>	CaCO <sub>3</sub> /kg	22-Mar-19	04-Apr-19	30-Apr-19	42	
		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	
		03-Oct-23	16-Oct-23	18-Oct-23	94	
		16-Apr-24	01-May-24	15-May-24	30	
<b>Cadmium</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	<0.001	
		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	
		16-Apr-24	01-May-24	15-May-24	<0.001	
<b>Calcium</b>	mg/l	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	
		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	
		16-Apr-24	01-May-24	15-May-24	6.9	
<b>Chloride</b>	mg/l	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	
		21-Oct-20	03-Nov-20	05-Nov-20	162	

**Sampling Point:**

Licencee  
Location  
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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/>  
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Not Prescribed



Pollutants	Units	Date Sampled	Date Received	Date Published	Results	Notes
		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	
<b>Chromium</b>	mg/l	16-Apr-24	01-May-24	15-May-24	51	
		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	
		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	16-Apr-24	01-May-24	15-May-24	0.001	
		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	16-Apr-24	01-May-24	15-May-24	0.249	
		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	16-Apr-24	01-May-24	15-May-24	<0.001	
		22-Mar-19	04-Apr-19	30-Apr-19	29.541	
		19-Jun-19	28-Jun-19	23-Jul-19	142.399	

**Sampling Point:**

Licencee  
Location  
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Pollutants	Units	Date Sampled	Date Received	Date Published	Results	Notes
		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	
		16-Apr-24	01-May-24	15-May-24	39	
<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	
		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	
<b>Lead</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	<0.001	
		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	
<b>Magnesium</b>	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	4.160	
		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	

**Sampling Point:**

Licencee  
Location  
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Frequency & Method  
Licence Limits

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Pollutants	Units	Date Sampled	Date Received	Date Published	Results	Notes
		16-Apr-24	01-May-24	15-May-24	5.4	
		16-Apr-24	01-May-24	15-May-24	0.129	
<b>Manganese</b>	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	0.085	
		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	
		16-Apr-24	01-May-24	15-May-24	0.129	
<b>Mercury</b>	mg/l	22-Mar-19	04-Apr-19	30-Apr-19	<0.0005	
		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	
		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	
		16-Apr-24	01-May-24	15-May-24	<0.0005	
<b>Nickel</b>	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	
		16-Apr-24	01-May-24	15-May-24	<0.001	
<b>Nitrate</b>	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	

**Sampling Point:**

Licencee  
Location  
EPL No  
Parameters Measured  
Frequency & Method  
Licence Limits

**Monitoring Point 12 - Reverse Osmosis Sidestream**

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Broadwater Cogeneration Power Plant  
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Biannual Grab Sample  
Not Prescribed



Pollutants	Units	Date Sampled	Date Received	Date Published	Results	Notes
		06-Sep-22	07-Sep-22	05-Oct-22	0.135	
		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	
		16-Apr-24	01-May-24	15-May-24	0.020	
<b>Nitrite</b>	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	
		16-Apr-24	01-May-24	15-May-24	0.026	
<b>Orthophosphate</b>	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	
		03-Apr-23	21-Apr-23	03-May-23	0.369	
		03-Oct-23	16-Oct-23	18-Oct-23	0.062	
		16-Apr-24	01-May-24	15-May-24	0.007	
<b>Potassium</b>	mg/l	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	
		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	
		16-Apr-24	01-May-24	15-May-24	3.7	
<b>Selenium</b>	mg/l	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	



**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  
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See Table  
Biannual Grab Sample  
Not Prescribed



Pollutants	Units	Date Sampled	Date Received	Date Published	Results	Notes
		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	
		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	
		16-Apr-24	01-May-24	15-May-24	<0.002	
<b>Silica (total)</b>	mg/l	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	
		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	
<b>Silver</b>	mg/l	16-Apr-24	01-May-24	15-May-24	8.2	
		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	
		16-Apr-24	01-May-24	15-May-24	<0.001	
<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	
		16-Apr-24	01-May-24	15-May-24	35	
		22-Mar-19	04-Apr-19	30-Apr-19	1.432	
<b>Sodium Adsorption Ratio</b>	mg/l					

**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	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	
		16-Apr-24	01-May-24	15-May-24	2.4	
<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	
		16-Apr-24	01-May-24	15-May-24	14	
<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	
		16-Apr-24	01-May-24	15-May-24	169	
<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	
		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	

**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
Total Suspended Solids	mg/l	03-Oct-23	16-Oct-23	18-Oct-23	25.5	
		16-Apr-24	01-May-24	15-May-24	8.9	
		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	
		16-Apr-24	01-May-24	15-May-24	25	
		22-Mar-19	04-Apr-19	30-Apr-19	0.023	
Zinc	mg/l	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	
		16-Apr-24	01-May-24	15-May-24	0.029	
		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	
pH		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	
		16-Apr-24	01-May-24	15-May-24	6.97	

**Sampling Point:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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 &amp; 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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 &amp; 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; 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, 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
Sunday, 16 June 2024	9:01am	Monday, 17 June 2024	9:00am	0.4	0.2
Monday, 17 June 2024	9:01am	Tuesday, 18 June 2024	9:00am	0	0
Tuesday, 18 June 2024	9:01am	Wednesday, 19 June 2024	9:00am	0	0
Wednesday, 19 June 2024	9:01am	Thursday, 20 June 2024	9:00am	0	0
Thursday, 20 June 2024	9:01am	Friday, 21 June 2024	9:00am	0	0
Friday, 21 June 2024	9:01am	Saturday, 22 June 2024	9:00am	0	0
Saturday, 22 June 2024	9:01am	Sunday, 23 June 2024	9:00am	0	0
Sunday, 23 June 2024	9:01am	Monday, 24 June 2024	9:00am	0.2	0.2
Monday, 24 June 2024	9:01am	Tuesday, 25 June 2024	9:00am	0.2	0.2
Tuesday, 25 June 2024	9:01am	Wednesday, 26 June 2024	9:00am	2.2	0.2
Wednesday, 26 June 2024	9:01am	Thursday, 27 June 2024	9:00am	0.2	0.2
Thursday, 27 June 2024	9:01am	Friday, 28 June 2024	9:00am	0	0
Friday, 28 June 2024	9:01am	Saturday, 29 June 2024	9:00am	0.2	0.2

**Sampling Point:**

Licencee

Location

EPL No

Parameter/s Monitored

Frequency &amp; Method

**Rain gauge**

Cape Byron Management Pty Ltd

Broadwater Cogeneration Power Plant

20425

Rainfall

Continuous Auto Sampler

**TIPPING GAUGE CONTINUOUS RAINFALL MONITORING**

Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Saturday, 29 June 2024	9:01am	Sunday, 30 June 2024	9:00am	0	0
Sunday, 30 June 2024	9:01am	Monday, 1 July 2024	9:00am	3.6	0.2
Monday, 1 July 2024	9:01am	Tuesday, 2 July 2024	9:00am	25.4	0.8
Tuesday, 2 July 2024	9:01am	Wednesday, 3 July 2024	9:00am	41.2	1.8
Wednesday, 3 July 2024	9:01am	Thursday, 4 July 2024	9:00am	21	0.8
Thursday, 4 July 2024	9:01am	Friday, 5 July 2024	9:00am	18.2	1
Friday, 5 July 2024	9:01am	Saturday, 6 July 2024	9:00am	21.2	1.2
Saturday, 6 July 2024	9:01am	Sunday, 7 July 2024	9:00am	7.2	0.6
Sunday, 7 July 2024	9:01am	Monday, 8 July 2024	9:00am	16.4	1.8
Monday, 8 July 2024	9:01am	Tuesday, 9 July 2024	9:00am	1.8	0.2
Tuesday, 9 July 2024	9:01am	Wednesday, 10 July 2024	9:00am	0.6	0.2
Wednesday, 10 July 2024	9:01am	Thursday, 11 July 2024	9:00am	0.2	0.2
Thursday, 11 July 2024	9:01am	Friday, 12 July 2024	9:00am	0.2	0.2
Friday, 12 July 2024	9:01am	Saturday, 13 July 2024	9:00am	0	0
Saturday, 13 July 2024	9:01am	Sunday, 14 July 2024	9:00am	0	0
Sunday, 14 July 2024	9:01am	Monday, 15 July 2024	9:00am	0	0
Monday, 15 July 2024	9:01am	Tuesday, 16 July 2024	9:00am	0	0
Tuesday, 16 July 2024	9:01am	Wednesday, 17 July 2024	9:00am	0	0
Wednesday, 17 July 2024	9:01am	Thursday, 18 July 2024	9:00am	0	0
Thursday, 18 July 2024	9:01am	Friday, 19 July 2024	9:00am	0	0
Friday, 19 July 2024	9:01am	Saturday, 20 July 2024	9:00am	0	0
Saturday, 20 July 2024	9:01am	Sunday, 21 July 2024	9:00am	0	0
Sunday, 21 July 2024	9:01am	Monday, 22 July 2024	9:00am	0	0
Monday, 22 July 2024	9:01am	Tuesday, 23 July 2024	9:00am	0	0
Tuesday, 23 July 2024	9:01am	Wednesday, 24 July 2024	9:00am	0	0



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



CORRECTIONS LOG							Reason
Date Sampled	Monitoring Point	Pollutant/Parameter	Original Data	Corrected Data	Date Corrected	Date Originally Published	
24-Apr-17	EPA Point 8	CW outlet minimum temp	0.0	21.0	07-Jun-17	15-May-17	The DCS online monitoring system captured data points when the plant was shutdown that was incorrectly used to obtain values
24-Apr-17	EPA Point 8	CW outlet average temp	30.0	32.0	07-Jun-17	15-May-17	The DCS online monitoring system captured data points when the plant was shutdown that was incorrectly used to obtain values
5-Dec-16	EPA Point 9	CW inlet minimum temp	18.6	26.8	13-Jun-17	23-Jan-17	The DCS online monitoring system captured data points when the plant was shutdown that was incorrectly used to obtain values
5-Dec-16	EPA Point 9	CW inlet average temp	28.8	27.8	13-Jun-17	23-Jan-17	The DCS online monitoring system captured data points when the plant was shutdown that was incorrectly used to obtain values
5-Dec-16	EPA Point 9	CW inlet maximum temp	48.0	29.1	13-Jun-17	23-Jan-17	The DCS online monitoring system captured data points when the plant was shutdown that was incorrectly used to obtain values
2-Jan-17	EPA Point 9	CW inlet minimum temp	23.0	25.1	13-Jun-17	23-Jan-17	The DCS online monitoring system captured data points when the plant was shutdown that was incorrectly used to obtain values
2-Jan-17	EPA Point 9	CW inlet maximum temp	45.7	30.6	13-Jun-17	23-Jan-17	The DCS online monitoring system captured data points when the plant was shutdown that was incorrectly used to obtain values
13-Mar-17	EPA Point 9	CW inlet minimum temp	23.5	20.2	13-Jun-17	13-Apr-17	The DCS online monitoring system captured data points when the plant was shutdown that was incorrectly used to obtain values
13-Mar-17	EPA Point 9	CW inlet average temp	25.1	25.7	13-Jun-17	13-Apr-17	The DCS online monitoring system captured data points when the plant was shutdown that was incorrectly used to obtain values
13-Mar-17	EPA Point 9	CW inlet maximum temp	44.2	26.5	13-Jun-17	13-Apr-17	The DCS online monitoring system captured data points when the plant was shutdown that was incorrectly used to obtain values
30-Jun-20	Point 3	PM10	13.8	2.3	27-Aug-20	20-Jul-20	Sample paper went 2 cycles and therefore this result is split in two across two sample dates
11-Aug-20	Point 2	PM10	Non compliant 14 day publication				Missed result during publicaion
01-Jul-21	3	PM10	<0.1	5.0	23-Sep-21	13-Aug-21	Sample and bag mixed up
31-Jul-21	3	PM10	5.0	11.9	23-Sep-21	13-Aug-21	Sample and bag mixed up
20-Mar-23	9	Cogen CW in	0.2	21.5	04-Jul-23	20-Mar-23	Analyser offline
3-Apr-23	9	Mean daily intake	1196474.0	119647	04-Jul-23	3-Apr-23	V2
4-Dec-23	9	Inlet Temperature	83.0	36.3	23-Jul-24	13-Dec-23	Data not correct due to testing on instrumentation