



Environmental Monitoring Report

Condong Biomass Power Plant 153 McLeod Street Condong NSW

Licencee Cape Byron Management Pty Ltd
Address 153 McLeod Street Condong NSW
EPL No 20424 <http://www.epa.nsw.gov.au/prpoeoapp/>

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

Sampling Point: **Monitoring Point 1 - No 1 Boiler Stack Emissions**
 Licence: Cape Byron Management Pty Ltd
 Location: Condong Cogeneration Power Plant
 EPL No: 20424 www.environment.nsw.gov.au
 Parameters Monitored: see individual parameters in table
 Frequency & Method: Annually in accordance with EPA protocols
 Limits: see individual parameters in table



			RESULTS TABLE							
			AE11619	AE11748	AE11813	AE11951				
			17/09/2018	13/12/2018	30/01/2019	9/05/2019				
			15/10/2018	15/01/2019	18/02/2019	22/05/2019				
			19/12/2018	18/01/2019	30/04/2019	22/05/2019				
Measured Parameters	Units	Concentration Limit								
dry @ STP and corrected to 7% O₂										
Average stack gas temperature	°C	Not Applicable	68.40	79.00	65.00	61.00				
Average velocity at sampling plane	m/s	Not Applicable	16.60	18.40	15.90	12.70				
Dry Gas Volumetric Flowrate	m ³ /sec	Not Applicable	67.90	74.23	68.17	57.10				
Dry Gas Density	kg/m ³	Not Applicable	1.33	1.34	1.33	1.33				
Molecular Weight of Stack Gases	g/g mole	Not Applicable	29.80	30.00	27.90	30.00				
Moisture content	%	Not Applicable	19.90	18.00	16.40	13.40				
Concentration of carbon dioxide	%	Not Applicable	13.90	9.48	8.79	9.80				
Total Solid Particles	mg/m ³	100.00	117.00	72.40	63.70	23.60				
Sulphuric Acid Mist & Sulphur Trioxide as SO ₃	mg/m ³	30.00	12.70	0.92	1.04	8.47				
Nitrogen Oxides (NO _x)	mg/m ³	500.00	304.00	183.00	25.30	193.00				

Sampling Point: **Monitoring Point 2 - Ambient Air Monitoring Fuel Stockpile**
 Licencee Cape Byron Management Pty Ltd
 Location Condong Cogeneration Power Plant
 EPL No 20424
 Parameters Monitored [Particulates - Deposited Matter](#)
 Monitoring Frequency Continuous with sample results extrapolated from sample period of 30 ± 2 days
 Limits Not Applicable
 Comments Laboratory Analysis



Date Sample Collected	Date Received	Date Published	Results (g/m ² /month)	Notes
04-Jan-19	08-Jan-19	18-Jan-19	3.43	
04-Feb-19	06-Mar-19	29-Mar-19	2.23	Cloudy/org.Matter
06-Mar-19	11-Mar-19	29-Mar-19	4.59	
04-Apr-19	14-Apr-19	30-Apr-19	1.66	
04-May-19	10-May-19	15-May-19	3.09	Org.Matter

Sampling Point: **Monitoring Point 2 - Ambient Air Monitoring Fuel Stockpile**
 Licencee Cape Byron Management Pty Ltd
 Location Condong Cogeneration Power Plant
 EPL No 20424
 Parameters Monitored **PM10**
 Monitoring Frequency Once every 7 days when operating at stockpile
 Limits Not Applicable
 Comments



Date Sample Collected	Date Received	Date Published	Results (ug/m ³)	Notes
04-Jan-19	04-Mar-19	29-Mar-19	26.0	
10-Jan-19	04-Mar-19	29-Mar-19	27.7	
16-Jan-19	04-Mar-19	29-Mar-19	37.1	
22-Jan-19	04-Mar-19	29-Mar-19	28.6	
28-Jan-19	04-Mar-19	29-Mar-19	16.7	
03-Feb-19	04-Mar-19	29-Mar-19	17.6	
09-Feb-19	04-Mar-19	29-Mar-19	28.0	
15-Feb-19	04-Mar-19	29-Mar-19	115.0	
21-Feb-19	04-Mar-19	29-Mar-19	54.7	
27-Feb-19	04-Mar-19	29-Mar-19	21.9	
05-Mar-19	10-Apr-19	30-Apr-19	22.5	
11-Mar-19	11-Apr-19	30-Apr-19	19.9	
17-Mar-19	12-Apr-19	30-Apr-19	8.8	
23-Mar-19	13-Apr-19	30-Apr-19	13.8	
29-Mar-19	14-Apr-19	30-Apr-19	15.3	
04-Apr-19	15-Apr-19	30-Apr-19	20.9	

Sampling Point: **Monitoring Point 4 - Ambient Air Monitoring North of Bowling Club**
 Licencee Cape Byron Management Pty Ltd
 Location Condong Cogeneration Power Plant
 EPL No 20424
 Parameters Monitored [Particulates - Deposited Matter](#)
 Monitoring Frequency Continuous with sample results extrapolated from sample period of 30 ± 2 days



Limits Not Applicable

Comments Laboratory Analysis

Date Sample Collected	Date Received	Date Published	Results (g/m ² /month)	Notes
04-Jan-19	08-Jan-19	18-Jan-19	6.07	Org.Matter
04-Feb-19	06-Mar-19	29-Mar-19	1.11	Brown/Org.Matter
06-Mar-19	11-Mar-19	29-Mar-19	2.84	Org.Matter
04-Apr-19	14-Apr-19	30-Apr-19	0.68	
04-May-19	10-May-19	15-May-19	1.43	Insects/Org. Matter

Sampling Point: Monitoring Point 5 - Ambient Air Monitoring South of Mill

Licencee Cape Byron Management Pty Ltd
Location Condong Cogeneration Power Plant
EPL No 20424

Parameters Monitored [Particulates - Deposited Matter](#)
Monitoring Frequency Continuous with sample results extrapolated from sample period of 30 ± 2 days



Limits Not Applicable

Comments Laboratory Analysis

Date Sample Collected	Date Received	Date Published	Results (g/m ² /month)	Notes
04-Jan-19	08-Jan-19	18-Jan-19	3.00	Brown/Org.Matter
04-Feb-19	06-Mar-19	11-Mar-19	1.83	Org.Matter
06-Mar-19	11-Mar-19	29-Mar-19	1.78	
04-Apr-19	14-Apr-19	30-Apr-19	1.05	
04-May-19	10-May-19	15-May-19	1.10	Org.Matter

Sampling Point: Monitoring Point 6 - O₂ Boiler Prior to Primary Air Heater

Licencee Cape Byron Management Pty Ltd
 Location Condong Cogeneration Power Plant
 EPL No 20424
 Parameter/s Monitored [Carbon Monoxide & Oxygen](#)
 Frequency & Method Continuous Online Sampling
 Limit No Limits Prescribed
 Comments The results in the table provide a summary of the minimum, maximum and mean daily values for the period indicated



MONITORING PERIOD			Oxygen (%)			Notes
Date Start	Date Finish	Date Published	Minimum Value	Maximum Value	Mean Value	
31-Dec-18	6-Jan-19	18-Jan-19	1.69	10.72	5.99	
7-Jan-19	13-Jan-19	29-Mar-19	1.93	12.04	6.26	
14-Jan-19	20-Jan-19	29-Mar-19	1.10	19.97	6.76	
21-Jan-19	27-Jan-19	29-Mar-19	1.15	15.83	6.01	
28-Jan-19	3-Feb-19	29-Mar-19	0.81	20.08	8.38	
4-Feb-19	10-Feb-19	29-Mar-19	0.01	10.33	5.88	
11-Feb-19	17-Feb-19	29-Mar-19	1.46	19.98	6.69	
18-Feb-19	24-Feb-19	29-Mar-19	1.32	20.14	7.44	
25-Feb-19	3-Mar-19	29-Mar-19	0.00	19.54	19.39	Plant Shutdown 25-02-19 to 18-03-19
4-Mar-19	10-Mar-19	30-Apr-19	n/a	n/a	n/a	
11-Mar-19	17-Mar-19	30-Apr-19	n/a	n/a	n/a	
18-Mar-19	24-Mar-19	30-Apr-19	0.00	20.16	6.23	
25-Mar-19	31-Mar-19	30-Apr-19	1.06	10.34	5.64	
1-Apr-19	7-Apr-19	15-May-19	2.10	9.97	5.38	
8-Apr-19	14-Apr-19	15-May-19	2.16	20.24	5.84	
15-Apr-19	21-Apr-19	15-May-19	0.01	20.17	6.36	
22-Apr-19	28-Apr-19	15-May-19	2.14	9.69	6.32	
29-Apr-19	5-May-19	15-May-19	2.77	9.85	6.27	

Sampling Point: **Monitoring Point 8 - Injection Water Inlet, Background River Water Temperature**
 Licence: Cape Byron Management Pty Ltd
 Location: Condong Cogeneration Power Plant
 EPL No: 20424
 Parameters Monitored: Temperature (°C)
 Frequency & Method: Fortnightly Representative Sample.
 Limit/s: Not Applicable - Background river data is used to determine temperature of cooling water discharged at monitoring point 9



Comments

Date Sampled & Received	Date Published	Temp (°C)	Notes
4-Jan-19	18-Jan-19	30.0	
7-Jan-19	29-Mar-19	30.0	
18-Jan-18	29-Mar-19	30.0	
21-Jan-19	29-Mar-19	30.0	
29-Jan-19	29-Mar-19	29.0	
4-Feb-19	29-Mar-19	29.0	
11-Feb-19	29-Mar-19	28.0	
18-Feb-19	29-Mar-19	28.0	
26-Feb-19	29-Mar-19	28.0	
4-Mar-19	29-Mar-19	28.0	
11-Mar-19	30-Apr-19	28.0	
18-Mar-19	30-Apr-19	28.0	
20-Mar-19	30-Apr-19	28.0	
26-Mar-19	30-Apr-19	30.0	
2-Apr-19	30-Apr-19	26.0	
8-Apr-19	15-May-19	27.0	
17-Apr-19	15-May-19	26.0	
23-Apr-19	15-May-19	26.0	
29-Apr-19	15-May-19	24.0	
6-May-19	15-May-19	24.0	
14-May-19	15-May-19	24.0	

Sampling Point: Monitoring Point 9 - Cogeneration Cooling Water Discharge

Licencee Cape Byron Management Pty Ltd
 Location Condong Cogeneration Power Plant
 EPL No 20424

Parameter/s Monitored See Table

Frequency & Method Continuous Online

Limit/s See Table

Comments A 90 percentile limit means 90% of results must comply with the specified limit. No result may exceed the maximum

The results in the table below provide a summary of the minimum, maximum and mean values for the period indicated. Any exceedences for period if applicable are described in the notes

> Background means the temperature of the discharge above ambient river temperature. This value is determined by subtracting the river temperature from the discharged cooling water temperature. The reported temp values provide this difference between the discharge and river temp.



MONITORING PERIOD			pH			Temperature Difference			Volume			Notes
Date Start	Date Finish	Date Published	Limit/s	Minimum	6.5	Limit/s	90 th Percentile	3°C > background	Limit/s	Not Prescribed		
				Maximum	8.5		Maximum	5°C > background		Minimum Daily Discharge	Maximum Daily Discharge	
			Minimum Reading	Maximum Reading	Mean of Readings	Minimum Temp Diff	Maximum Temp Diff	Mean Temp Diff				
31-Dec-18	6-Jan-19	18-Jan-19	6.31	8.45	8.26	-1.0	3.0	1.0	0	670	472	Low pH on the 6-01-19 for < 1 minute due to probe calibrations
7-Jan-19	13-Jan-19	29-Mar-19	7.01	8.44	8.25	-3.2	2.7	1.1	0	643	483	
14-Jan-19	20-Jan-19	29-Mar-19	6.61	8.42	8.24	-7.8	5.1	1.7	0	666	402	High Temperature for <20 seconds on the 14 and 18-2-19 due to probe calibrations
21-Jan-19	27-Jan-19	29-Mar-19	3.44	8.47	8.20	-2.1	8.0	2.6	0	629	506	Low pH on 23 and 24-01-19 for <90 seconds due to probe calibrations High temperature on 23-01-19 for < 2 minutes
28-Jan-19	3-Feb-19	29-Mar-19	7.96	8.39	8.15	-6.3	6.9	2.5	0	635	387	High temperature on 31-01-19 for <2 minutes
4-Feb-19	10-Feb-19	29-Mar-19	3.93	8.31	8.19	-1.3	4.2	3.0	0	618	401	Low pH on 08-02-19 for 2 minutes due to probe calibrations
11-Feb-19	17-Feb-19	29-Mar-19	8.02	8.45	8.23	-3.0	6.7	1.9	0	595	369	High temperature on 13-02-19 for <15 minutes
18-Feb-19	24-Feb-19	29-Mar-19	5.27	8.40	8.16	-7.6	6.1	1.8	0	581	422	Low pH 18-02-19 for 1 minute due to probe calibrations High Temperature on 20-02-19 for <6 minutes
25-Feb-19	3-Mar-19	29-Mar-19	7.76	8.12	7.83	-9.9	2.1	-8.1	0	384	91	Cooling tower non-operational 26-02-19 to 18-03-19
4-Mar-19	10-Mar-19	30-Apr-19	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
11-Mar-19	17-Mar-19	30-Apr-19	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
18-Mar-19	24-Mar-19	30-Apr-19	6.50	8.6	8.18	-3.6	7.8	3.2	0	69120	267	High pH for <10 minutes on 22-03-19 High Temperature on 22-03-19 for >15 minutes due to valve positioner instrumentsiton error.
25-Mar-19	31-Mar-19	30-Apr-19	4.26	8.45	8.19	-3.3	4.7	1.1	0	954	462	Low pH 26-03-19 <10 minutes
1-Apr-19	7-Apr-19	15-May-19	7.84	8.45	8.13	-3.2	4.8	2.3	0	492	414	High Temperature recorded for 20 seconds on 08-04-19
8-Apr-19	14-Apr-19	15-May-19	7.88	8.20	8.11	-9.7	5.1	2.1	0	483	452	
15-Apr-19	21-Apr-19	15-May-19	7.88	8.20	8.10	-9.2	3.0	0.6	0	481	390	
22-Apr-19	28-Apr-19	15-May-19	7.77	8.21	8.10	-1.1	3.0	1.1	408	427	417	
29-Apr-19	5-May-19	15-May-19	6.50	8.44	8.13	-3.2	5.0	2.1	0	768	497	

Sampling Point: Monitoring Point 9 - Cogeneration Cooling Water Discharge

Licencee Cape Byron Management Pty Ltd
 Location Condong Cogeneration Power Plant
 EPL No 20424
 Parameter/s Monitored See Table
 Frequency & Method Weekly Composite (Laboratory Analysis) see comments for Total Residual Chlorine
 Limit/s See Table
 Comments A 90 percentile limit means 90% of results must comply with the specified limit. No result may exceed the maximum limit.



Total Residual Chlorine analysis is performed on site immediately from a grab sample. Therefore the results are received on the date of sampling

Date Sampled	Date Received	Date Published						Notes	
			90 Percentile Limit	BOD ₅ (mg/L)	TSS (mg/L)	Phosphorus (mg/L)	Nitrogen (mg/L)		Total Residual Chlorine (mg/L)
			Maximum Limit	30	40	2.5	45	0.3	
04-Jan-19	15-Jan-19	18-Jan-19		4.5	8.0	0.32	27.1	0.01	
07-Jan-19	25-Feb-19	18-Jan-19		3.3	12.0	0.37	24.0	0.00	
18-Jan-18	18-Jan-18	29-Mar-19		3.0	13.0	0.26	18.5	0.20	
21-Jan-19	01-Feb-19	29-Mar-19		4.5	8.6	0.22	17.0	0.10	
29-Jan-19	05-Feb-19	29-Mar-19		2.4	10.0	0.22	23.6	-0.01	
04-Feb-19	12-Feb-19	29-Mar-19		2.7	15.0	0.20	24.6	-0.03	
11-Feb-19	18-Feb-19	29-Mar-19		2.4	10.0	0.20	26.3	0.98	High chlorine due to broken impella on SMBS pump. Immediate action taken to close and replace the impella.
18-Feb-19	26-Feb-19	29-Mar-19		3.6	15.0	0.14	28.1	0.03	
26-Feb-19	06-Mar-19	29-Mar-19		4.8	132.0	0.09	23.1	0.12	TSS high on a low volume discharge during annual cooling tower clean and results delay from Laboratory
		30-Apr-19							Cooling tower non-operational 26-02-19 to 18-03-19
18-Mar-19	27-Mar-19	30-Apr-19		2.7	8.3	0.40	19.8	0.14	
26-Mar-19	02-Apr-19	30-Apr-19		<1.0	12.0	0.30	23.8	0.07	
2-Apr-19	11-Apr-19	30-Apr-19		2.1	2.2	0.22	20.2	0.01	
8-Apr-19	17-Apr-19	30-Apr-19		5.1	6.0	0.25	27.0	0.07	
17-Apr-19	01-May-19	15-May-19		2.7	5.4	0.21	27.3	0.00	
26-Apr-19	03-May-19	15-May-19		2.1	8.5	0.14	23.5	0.01	
29-Apr-19	09-May-19	15-May-19		2.1	10.0	0.40	26.6	0.02	

Sampling Point:

Licencee
 Location
 EPL No
 Parameter/s Monitored
 Frequency & Method

Monitoring Point 11 - Stockpile Stormwater Discharge

Cape Byron Management Pty Ltd
 Condong Cogeneration Power Plant
 20424
 Rainfall
 Continuous Auto Sampler

**TIPPING GUAGE CONTINUOUS RAINFALL MONITORING**

Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Monday, 31 December 2018	9:01am	Tuesday, 1 January 2019	9:00am	0.0	0.0
Tuesday, 1 January 2019	9:01am	Wednesday, 2 January 2019	9:00am	0.0	0.0
Wednesday, 2 January 2019	9:01am	Thursday, 3 January 2019	9:00am	0.4	0.2
Thursday, 3 January 2019	9:01am	Friday, 4 January 2019	9:00am	3.8	0.4
Friday, 4 January 2019	9:01am	Saturday, 5 January 2019	9:00am	0.0	0.0
Saturday, 5 January 2019	9:01am	Sunday, 6 January 2019	9:00am	0.0	0.0
Sunday, 6 January 2019	9:01am	Monday, 7 January 2019	9:00am	0.0	0.0
Monday, 7 January 2019	9:01am	Tuesday, 8 January 2019	9:00am	0.0	0.0
Tuesday, 8 January 2019	9:01am	Wednesday, 9 January 2019	9:00am	1.6	0.4
Wednesday, 9 January 2019	9:01am	Thursday, 10 January 2019	9:00am	1.4	0.2
Thursday, 10 January 2019	9:01am	Friday, 11 January 2019	9:00am	0.2	0.2
Friday, 11 January 2019	9:01am	Saturday, 12 January 2019	9:00am	0.0	0.0
Saturday, 12 January 2019	9:01am	Sunday, 13 January 2019	9:00am	0.0	0.0
Sunday, 13 January 2019	9:01am	Monday, 14 January 2019	9:00am	0.0	0.0
Monday, 14 January 2019	9:01am	Tuesday, 15 January 2019	9:00am	0.0	0.0
Tuesday, 15 January 2019	9:01am	Wednesday, 16 January 2019	9:00am	0.0	0.0
Wednesday, 16 January 2019	9:01am	Thursday, 17 January 2019	9:00am	0.0	0.0
Thursday, 17 January 2019	9:01am	Friday, 18 January 2019	9:00am	0.0	0.0
Friday, 18 January 2019	9:01am	Saturday, 19 January 2019	9:00am	0.0	0.0
Saturday, 19 January 2019	9:01am	Sunday, 20 January 2019	9:00am	0.0	0.0
Sunday, 20 January 2019	9:01am	Monday, 21 January 2019	9:00am	0.0	0.0
Monday, 21 January 2019	9:01am	Tuesday, 22 January 2019	9:00am	0.0	0.0
Tuesday, 22 January 2019	9:01am	Wednesday, 23 January 2019	9:00am	0.0	0.0
Wednesday, 23 January 2019	9:01am	Thursday, 24 January 2019	9:00am	0.0	0.0
Thursday, 24 January 2019	9:01am	Friday, 25 January 2019	9:00am	0.0	0.0
Friday, 25 January 2019	9:01am	Saturday, 26 January 2019	9:00am	0.2	0.2
Saturday, 26 January 2019	9:01am	Sunday, 27 January 2019	9:00am	0.0	0.0
Sunday, 27 January 2019	9:01am	Monday, 28 January 2019	9:00am	0.0	0.0
Monday, 28 January 2019	9:01am	Tuesday, 29 January 2019	9:00am	0.0	0.0
Tuesday, 29 January 2019	9:01am	Wednesday, 30 January 2019	9:00am	0.2	0.2
Wednesday, 30 January 2019	9:01am	Thursday, 31 January 2019	9:00am	0.0	0.0
Thursday, 31 January 2019	9:01am	Friday, 1 February 2019	9:00am	0.0	0.0
Friday, 1 February 2019	9:01am	Saturday, 2 February 2019	9:00am	4.2	0.8
Saturday, 2 February 2019	9:01am	Sunday, 3 February 2019	9:00am	2.6	0.4
Sunday, 3 February 2019	9:01am	Monday, 4 February 2019	9:00am	1.2	0.2
Monday, 4 February 2019	9:01am	Tuesday, 5 February 2019	9:00am	2.6	0.8
Tuesday, 5 February 2019	9:01am	Wednesday, 6 February 2019	9:00am	10.2	0.6
Wednesday, 6 February 2019	9:01am	Thursday, 7 February 2019	9:00am	3.4	0.4
Thursday, 7 February 2019	9:01am	Friday, 8 February 2019	9:00am	2.2	0.6
Friday, 8 February 2019	9:01am	Saturday, 9 February 2019	9:00am	0.4	0.2
Saturday, 9 February 2019	9:01am	Sunday, 10 February 2019	9:00am	1.4	0.2
Sunday, 10 February 2019	9:01am	Monday, 11 February 2019	9:00am	0.2	0.2
Monday, 11 February 2019	9:01am	Tuesday, 12 February 2019	9:00am	0.0	0.0
Tuesday, 12 February 2019	9:01am	Wednesday, 13 February 2019	9:00am	0.0	0.0
Wednesday, 13 February 2019	9:01am	Thursday, 14 February 2019	9:00am	0.0	0.0
Thursday, 14 February 2019	9:01am	Friday, 15 February 2019	9:00am	0.0	0.0
Friday, 15 February 2019	9:01am	Saturday, 16 February 2019	9:00am	1.2	0.6
Saturday, 16 February 2019	9:01am	Sunday, 17 February 2019	9:00am	0.0	0.0
Sunday, 17 February 2019	9:01am	Monday, 18 February 2019	9:00am	0.0	0.0
Monday, 18 February 2019	9:01am	Tuesday, 19 February 2019	9:00am	0.0	0.0
Tuesday, 19 February 2019	9:01am	Wednesday, 20 February 2019	9:00am	0.0	0.0
Wednesday, 20 February 2019	9:01am	Thursday, 21 February 2019	9:00am	0.0	0.0
Thursday, 21 February 2019	9:01am	Friday, 22 February 2019	9:00am	9.4	1.2
Friday, 22 February 2019	9:01am	Saturday, 23 February 2019	9:00am	1.4	0.2
Saturday, 23 February 2019	9:01am	Sunday, 24 February 2019	9:00am	1.2	0.2
Sunday, 24 February 2019	9:01am	Monday, 25 February 2019	9:00am	1.0	0.2
Monday, 25 February 2019	9:01am	Tuesday, 26 February 2019	9:00am	3.4	0.4
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	3.8	0.4
Thursday, 28 February 2019	9:01am	Friday, 1 March 2019	9:00am	5.0	0.4
Friday, 1 March 2019	9:01am	Saturday, 2 March 2019	9:00am	7.4	0.4
Saturday, 2 March 2019	9:01am	Sunday, 3 March 2019	9:00am	12.4	1.2
Sunday, 3 March 2019	9:01am	Monday, 4 March 2019	9:00am	9.0	1.0
Monday, 4 March 2019	9:01am	Tuesday, 5 March 2019	9:00am	0.6	0.2
Tuesday, 5 March 2019	9:01am	Wednesday, 6 March 2019	9:00am	0.0	0.0
Wednesday, 6 March 2019	9:01am	Thursday, 7 March 2019	9:00am	0.0	

Sampling Point:

Licencee
 Location
 EPL No
 Parameter/s Monitored
 Frequency & Method

Monitoring Point 11 - Stockpile Stormwater Discharge

Cape Byron Management Pty Ltd
 Condong Cogeneration Power Plant
 20424
 Rainfall
 Continuous Auto Sampler

**TIPPING GUAGE CONTINUOUS RAINFALL MONITORING**

Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Thursday, 7 March 2019	9:01am	Friday, 8 March 2019	9:00am	20.0	1.8
Friday, 8 March 2019	9:01am	Saturday, 9 March 2019	9:00am	0.0	0.0
Saturday, 9 March 2019	9:01am	Sunday, 10 March 2019	9:00am	0.0	0.0
Sunday, 10 March 2019	9:01am	Monday, 11 March 2019	9:00am	0.0	0.0
Monday, 11 March 2019	9:01am	Tuesday, 12 March 2019	9:00am	0.4	0.2
Tuesday, 12 March 2019	9:01am	Wednesday, 13 March 2019	9:00am	0.2	0.2
Wednesday, 13 March 2019	9:01am	Thursday, 14 March 2019	9:00am	0.0	0.0
Thursday, 14 March 2019	9:01am	Friday, 15 March 2019	9:00am	2.4	0.2
Friday, 15 March 2019	9:01am	Saturday, 16 March 2019	9:00am	35.8	1.0
Saturday, 16 March 2019	9:01am	Sunday, 17 March 2019	9:00am	16.8	0.4
Sunday, 17 March 2019	9:01am	Monday, 18 March 2019	9:00am	25.4	1.0
Monday, 18 March 2019	9:01am	Tuesday, 19 March 2019	9:00am	1.4	0.2
Tuesday, 19 March 2019	9:01am	Wednesday, 20 March 2019	9:00am	0.0	0.0
Wednesday, 20 March 2019	9:01am	Thursday, 21 March 2019	9:00am	2.0	0.2
Thursday, 21 March 2019	9:01am	Friday, 22 March 2019	9:00am	0.0	0.0
Friday, 22 March 2019	9:01am	Saturday, 23 March 2019	9:00am	0.0	0.0
Saturday, 23 March 2019	9:01am	Sunday, 24 March 2019	9:00am	0.0	0.0
Sunday, 24 March 2019	9:01am	Monday, 25 March 2019	9:00am	0.0	0.0
Monday, 25 March 2019	9:01am	Tuesday, 26 March 2019	9:00am	0.0	0.0
Tuesday, 26 March 2019	9:01am	Wednesday, 27 March 2019	9:00am	10.2	0.6
Wednesday, 27 March 2019	9:01am	Thursday, 28 March 2019	9:00am	31.2	0.4
Thursday, 28 March 2019	9:01am	Friday, 29 March 2019	9:00am	1.4	0.2
Friday, 29 March 2019	9:01am	Saturday, 30 March 2019	9:00am	5.4	0.2
Saturday, 30 March 2019	9:01am	Sunday, 31 March 2019	9:00am	7.8	0.2
Sunday, 31 March 2019	9:01am	Monday, 1 April 2019	9:00am	0.0	0.0
Monday, 1 April 2019	9:01am	Tuesday, 2 April 2019	9:00am	0.0	0.0
Tuesday, 2 April 2019	9:01am	Wednesday, 3 April 2019	9:00am	14.4	0.2
Wednesday, 3 April 2019	9:01am	Thursday, 4 April 2019	9:00am	16.4	0.2
Thursday, 4 April 2019	9:01am	Friday, 5 April 2019	9:00am	0.2	0.2
Friday, 5 April 2019	9:01am	Saturday, 6 April 2019	9:00am	0.0	0.0
Saturday, 6 April 2019	9:01am	Sunday, 7 April 2019	9:00am	0.0	0.0
Sunday, 7 April 2019	9:01am	Monday, 8 April 2019	9:00am	0.0	0.0
Monday, 8 April 2019	9:01am	Tuesday, 9 April 2019	9:00am	0.0	0.0
Tuesday, 9 April 2019	9:01am	Wednesday, 10 April 2019	9:00am	0.0	0.0
Wednesday, 10 April 2019	9:01am	Thursday, 11 April 2019	9:00am	4.4	0.2
Thursday, 11 April 2019	9:01am	Friday, 12 April 2019	9:00am	2.8	0.2
Friday, 12 April 2019	9:01am	Saturday, 13 April 2019	9:00am	0.6	0.2
Saturday, 13 April 2019	9:01am	Sunday, 14 April 2019	9:00am	0.2	0.2
Sunday, 14 April 2019	9:01am	Monday, 15 April 2019	9:00am	0.0	0.0
Monday, 15 April 2019	9:01am	Tuesday, 16 April 2019	9:00am	0.0	0.0
Tuesday, 16 April 2019	9:01am	Wednesday, 17 April 2019	9:00am	0.0	0.0
Wednesday, 17 April 2019	9:01am	Thursday, 18 April 2019	9:00am	5.0	0.2
Thursday, 18 April 2019	9:01am	Friday, 19 April 2019	9:00am	1.8	0.2
Friday, 19 April 2019	9:01am	Saturday, 20 April 2019	9:00am	36.8	0.6
Saturday, 20 April 2019	9:01am	Sunday, 21 April 2019	9:00am	28.4	0.2
Sunday, 21 April 2019	9:01am	Monday, 22 April 2019	9:00am	0.2	0.2
Monday, 22 April 2019	9:01am	Tuesday, 23 April 2019	9:00am	1.8	0.2
Tuesday, 23 April 2019	9:01am	Wednesday, 24 April 2019	9:00am	2.6	0.2
Wednesday, 24 April 2019	9:01am	Thursday, 25 April 2019	9:00am	2.6	0.2
Thursday, 25 April 2019	9:01am	Friday, 26 April 2019	9:00am	2.6	0.2
Friday, 26 April 2019	9:01am	Saturday, 27 April 2019	9:00am	2.0	0.2
Saturday, 27 April 2019	9:01am	Sunday, 28 April 2019	9:00am	0.4	0.2
Sunday, 28 April 2019	9:01am	Monday, 29 April 2019	9:00am	0.0	0.0
Monday, 29 April 2019	9:01am	Tuesday, 30 April 2019	9:00am	0.4	0.2
Tuesday, 30 April 2019	9:01am	Wednesday, 1 May 2019	9:00am	0.8	0.2