



Environmental Monitoring Report

Condong Biomass Power Plant 153 McLeod Street Condong NSW

Licencee Cape Byron Management Pty Ltd
Address Suite 2.03 15-21 Via Roma Isle of Capri QLD 4217
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												
Test Number	PEL 08995	PEL 9494	AMG10146	AMG10240	AMG10437	AMG10473	AMG10561	AMG10697	AMG10776	AMG10891		
Sampling Date	12-Sep-14	13-Nov-14	10-Sep-15	18-Nov-15	26-Feb-16	30-May-16	16-Sep-16	17-Nov-16	23-Feb-17	11-May-17		
Date Received	30-Oct-14	02-Dec-14	15-Oct-15	15-Dec-15	16-Mar-16	05-Jul-16	13-Oct-16	16-Dec-16	27-Mar-17	06-Jun-17		
Date Published	04-Nov-14	19-Dec-14	13-Nov-15	20-Jan-16	31-Mar-16	03-Jun-16	14-Oct-16	23-Jan-17	13-Apr-17	19-Jun-17		
Measured Parameters	Units	Concentration Limit										
dry @ STP and corrected to 7% O ₂												
Average stack gas temperature	°C	Not Applicable	66	72	70	68.0	71.9	62	72	71	66	68
Average velocity at sampling plane	m/s	Not Applicable	10.4	6.89	6.82	7.4	6.1	5.29	8	6.46	6.85	5.88
Dry Gas Volumetric Flowrate	m ³ /sec	Not Applicable	40.45	51.7	49.97	52.2	44.4	43.62	54.25	44.63	52.12	44.93
Dry Gas Density	kg/m ³	Not Applicable	1.36	1.4	1.35	1.4	0.5	1.33	1.36	1.36	1.34	1.33
Molecular Weight of Stack Gases	g/g mole	Not Applicable	30.5	30.6	30.30	30.3	30.7	29.7	30.4	30.4	30.1	29.8
Moisture content	%	Not Applicable	24.2	28.1	23.6	26.3	22.3	14.7	27.5	26.9	20.6	20.1
Concentration of carbon dioxide	%	Not Applicable	13.73	14.9	12.3	12.1	14.8	7.2	13.7	12.6	10.7	8.67
Total Solid Particles	mg/m ³	100	15.3	9.2	31.37	18.5	24.7	293.2	53.1	69.6	44.9	8.42
Sulphuric Acid Mist & Sulphur Trioxide as SO ₃	mg/m ³	30	12.5	9.9	27.6	36.9	14.6	28.2	14.9	4.6	1.2	9.6
Nitrogen Oxides (NOx)	mg/m ³	500	355	325	373	393.0	217.0	545	303	320	187	332

Notes
 1) Boiler Shutdown from 17/12/14

RESULTS TABLE												
Test Number	AMG11093	AMG 11123	AMG 11349									
Sampling Date	13-Sep-17	13-Dec-17	13-Feb-18									
Date Received	23-Oct-17	06-Feb-18	27-Feb-18									
Date Published	24-Oct-17	12-Feb-18	27-Apr-18									
Measured Parameters	Units	Concentration Limit										
dry @ STP and corrected to 7% O ₂												
Average stack gas temperature	°C	Not Applicable	69.63	67.7	63.2							
Average velocity at sampling plane	m/s	Not Applicable	7.15	7.22	6.67							
Dry Gas Volumetric Flowrate	m ³ /sec	Not Applicable	53.45	54.18	52.2							
Dry Gas Density	kg/m ³	Not Applicable	1.33	1.37	1.4							
Molecular Weight of Stack Gases	g/g mole	Not Applicable	29.8	30.6	28.1							
Moisture content	%	Not Applicable	20.8	21.1	18.3							
Concentration of carbon dioxide	%	Not Applicable	14.8	14.6	12.4							
Total Solid Particles	mg/m ³	100	45.5	25.1	51							
Sulphuric Acid Mist & Sulphur Trioxide as SO ₃	mg/m ³	30	9.13	8.94	15.7							
Nitrogen Oxides (NOx)	mg/m ³	500	299	290	245							

Sampling Point:

Licencee

Location

EPL No

Parameters Monitored

Monitoring Frequency

Limits

Comments

Monitoring Point 2 - Ambient Air Monitoring Fuel Stockpile

Cape Byron Management Pty Ltd

Condong Cogeneration Power Plant

20424

Particulates - Deposited Matter

Continous with sample results extrapolated from sample period of 30 ± 2 days

Not Applicable

Laboratory Analysis



Date Sample Collected	Date Received	Date Published	Results (g/m ² /month)	Notes
				Monitoring under CBM licence From 30/5/14
16-Jun-14	07-Jul-14	12-Aug-14	0.77	
14-Jul-14	28-Jul-14	12-Aug-14	1.79	
14-Aug-14	28-Aug-14	15-Sep-14	2.67	
15-Sep-14	23-Sep-14	08-Oct-14	5.01	
14-Oct-14	23-Oct-14	04-Nov-14	4.17	
12-Nov-14	26-Nov-14	19-Dec-14	1.93	
12-Dec-14	05-Jan-15	06-Feb-15	5.08	
12-Jan-15	27-Jan-15	06-Feb-15	6.92	
11-Feb-15	03-Mar-15	09-Mar-15	5.82	
12-Mar-15	25-Mar-15	08-Apr-15	5.76	
13-Apr-15	29-Apr-15	07-May-15	13.99	
11-May-15	27-May-15	09-Jun-15	5.47	
12-Jun-15	25-Jun-15	07-Jul-15	17.69	
13-Jul-15	22-Jul-15	10-Aug-15	6.35	
12-Aug-15	25-Aug-15	08-Sep-15	3.15	
11-Sep-15	23-Sep-15	12-Oct-15	3.02	
12-Oct-15	26-Oct-15	13-Nov-15	4.52	
11-Nov-15	24-Nov-15	15-Dec-15	3.22	
11-Dec-15	22-Dec-15	20-Jan-16	2.58	
11-Jan-16	22-Jan-16	23-Feb-16	4.42	
09-Feb-16	17-Feb-16	23-Feb-16	5.65	
11-Mar-16	22-Mar-16	31-Mar-16	6.23	
11-Apr-16	26-Apr-16	29-Apr-16	4.00	
11-May-16	19-May-16	10-Jun-16	7.08	
10-Jun-16	21-Jun-16	25-Jul-16	15.60	
11-Jul-16	25-Jul-16	19-Aug-16	4.70	
09-Aug-16	22-Aug-16	23-Sep-16	4.30	
08-Sep-16	16-Sep-16	23-Sep-16	5.40	
10-Oct-16	13-Oct-16	14-Oct-16	5.70	
07-Nov-16	15-Nov-16	13-Dec-16	11.10	
08-Dec-16	22-Dec-16	23-Jan-17	8.90	
08-Jan-17	17-Jan-16	23-Jan-17	5.30	
06-Feb-17	14-Feb-17	10-Mar-17	3.30	
08-Mar-17	15-Mar-17	13-Apr-17	4.80	
07-Apr-17	18-Apr-17	15-May-17	286.40	This result was collected during the flood, sample appeared to have collected flood water.
05-May-17	12-May-17	19-Jun-17	5.70	
05-Jun-17	07-Jun-17	31-Jul-17	8.30	
06-Jul-17	10-Jul-17	31-Jul-17	5.90	
04-Aug-17	09-Aug-17	12-Sep-17	3.27	
11-Sep-17	13-Sep-17	13-Sep-17	2.11	
10-Oct-17	13-Oct-17	24-Oct-17	3.12	
08-Nov-17	09-Nov-17	17-Nov-17	0.60	
05-Dec-17	08-Dec-17	22-Dec-17	3.29	

Sampling Point: Monitoring Point 2 - Ambient Air Monitoring Fuel Stockpile
 Licence: 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
05-Jun-14	07-Aug-14	12-Aug-14	11.6	
11-Jun-14	07-Aug-14	12-Aug-14	11.6	
17-Jun-14	07-Aug-14	12-Aug-14	19.9	
23-Jun-14	07-Aug-14	12-Aug-14	9.6	
29-Jun-14	07-Aug-14	12-Aug-14	8.7	
05-Jul-14	07-Aug-14	12-Aug-14	19.3	
11-Jul-14	02-Sep-14	15-Sep-14	46.7	
17-Jul-14	02-Sep-14	15-Sep-14	18.3	
23-Jul-14	02-Sep-14	15-Sep-14	24.1	
29-Jul-14	02-Sep-14	15-Sep-14	19.4	
04-Aug-14	02-Sep-14	15-Sep-14	6.0	
10-Aug-14	16-Sep-14	08-Oct-14	6.1	
16-Aug-14	16-Sep-14	08-Oct-14	2.3	
22-Aug-14	16-Sep-14	08-Oct-14	2.1	
28-Aug-14	16-Sep-14	08-Oct-14	14.1	
03-Sep-14	28-Oct-14	04-Nov-14	34.5	
09-Sep-14	28-Oct-14	04-Nov-14	6.3	
15-Sep-14	28-Oct-14	04-Nov-14	14.3	
21-Sep-14	28-Oct-14	04-Nov-14	2.2	
27-Sep-14	28-Oct-14	04-Nov-14	3.4	
03-Oct-14	28-Nov-14	19-Dec-14	7.0	
09-Oct-14	28-Nov-14	19-Dec-14	14.6	
15-Oct-14	28-Nov-14	19-Dec-14	3.2	
21-Oct-14	28-Nov-14	19-Dec-14	8.8	
27-Oct-14	28-Nov-14	19-Dec-14	7.8	
02-Nov-14	16-Dec-14	19-Dec-14	6.3	
08-Nov-14	16-Dec-14	19-Dec-14	2.9	
14-Nov-14	16-Dec-14	19-Dec-14	4.8	
20-Nov-14	16-Dec-14	19-Dec-14	6.0	
26-Nov-14	16-Dec-14	19-Dec-14	47.0	
02-Dec-14	19-Jan-15	06-Feb-15	13.3	
08-Dec-14	19-Jan-15	06-Feb-15	18.3	
14-Dec-14	19-Jan-15	06-Feb-15	12.9	
20-Dec-14	19-Jan-15	06-Feb-15	4.5	
26-Dec-14	19-Jan-15	06-Feb-15	4.5	
01-Jan-15	19-Jan-15	06-Feb-15	4.5	
06-Jan-15	16-Feb-15	09-Mar-15	7.3	
13-Jan-15	16-Feb-15	09-Mar-15	11.3	
19-Jan-15	16-Feb-15	09-Mar-15	28.3	
25-Jan-15	16-Feb-15	09-Mar-15	12.6	
31-Jan-15	16-Feb-15	09-Mar-15	12.7	
06-Feb-15	16-Mar-15	08-Apr-15	9.4	
12-Feb-15	16-Mar-15	08-Apr-15	8.4	
18-Feb-15	16-Mar-15	08-Apr-15	9.8	
24-Feb-15	16-Mar-15	08-Apr-15	7.9	
02-Mar-15	16-Mar-15	08-Apr-15	20.8	
08-Mar-15	18-Apr-15	07-May-15	6.9	
14-Mar-15	18-Apr-15	07-May-15	30.3	
20-Mar-15	18-Apr-15	07-May-15	15.1	
26-Mar-15	18-Apr-15	07-May-15	9.4	
01-Apr-15	18-Apr-15	07-May-15	6.8	
07-Apr-15	18-May-15	09-Jun-15	7.9	
13-Apr-15	18-May-15	09-Jun-15	7.9	
19-Apr-15	18-May-15	09-Jun-15	3.8	
25-Apr-15	18-May-15	09-Jun-15	5.5	
01-May-15	18-May-15	09-Jun-15	3.4	
07-May-15	15-Jun-15	07-Jul-15	13.0	
13-May-15	15-Jun-15	07-Jul-15	8.4	
19-May-15	15-Jun-15	07-Jul-15	3.6	
25-May-15	15-Jun-15	07-Jul-15	6.5	
31-May-15	15-Jun-15	07-Jul-15	7.9	
06-Jun-15	06-Aug-15	10-Aug-15	8.5	
12-Jun-15	06-Aug-15	10-Aug-15	3.9	
18-Jun-15	06-Aug-15	10-Aug-15	20.5	
24-Jun-15	06-Aug-15	10-Aug-15	5.0	
30-Jun-15	06-Aug-15	10-Aug-15	4.8	
06-Jul-15	17-Aug-15	08-Sep-15	6.3	
12-Jul-15	17-Aug-15	08-Sep-15	6.2	

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
18-Jul-15	17-Aug-15	08-Sep-15	11.0	
24-Jul-15	17-Aug-15	08-Sep-15		Filter paper damaged, no result
30-Jul-15	17-Aug-15	08-Sep-15	5.4	
05-Aug-15	21-Sep-15	12-Oct-15	8.7	
11-Aug-15	21-Sep-15	12-Oct-15	14.7	
17-Aug-15	21-Sep-15	12-Oct-15	7.3	
23-Aug-15	21-Sep-15	12-Oct-15	5.8	
29-Aug-15	21-Sep-15	12-Oct-15	5.8	
04-Sep-15	16-Oct-15	13-Nov-15	16.8	
10-Sep-15	16-Oct-15	13-Nov-15	9.9	
16-Sep-15	16-Oct-15	13-Nov-15	11.8	
22-Sep-15	16-Oct-15	13-Nov-15		Filter paper damaged, no result
28-Sep-15	16-Oct-15	13-Nov-15	14.7	
04-Oct-15	09-Nov-15	13-Nov-15	10.4	
10-Oct-15	09-Nov-15	13-Nov-15	7.1	
16-Oct-15	09-Nov-15	13-Nov-15	9.2	
22-Oct-15	09-Nov-15	13-Nov-15	8.4	
28-Oct-15	09-Nov-15	13-Nov-15	4.5	
03-Nov-15	16-Dec-15	20-Jan-16	9.3	
09-Nov-15	16-Dec-15	20-Jan-16	4.0	
15-Nov-15	16-Dec-15	20-Jan-16	4.7	
21-Nov-15	16-Dec-15	20-Jan-16	9.9	
27-Nov-15	16-Dec-15	20-Jan-16	22.1	
03-Dec-15	22-Jan-16	23-Feb-16	9.9	
09-Dec-15	22-Jan-16	23-Feb-16	7.4	
15-Dec-15	22-Jan-16	23-Feb-16	14.6	
21-Dec-15	22-Jan-16	23-Feb-16	13.4	
27-Dec-15	12-Feb-16	23-Feb-16	2.2	
02-Jan-16	12-Feb-16	23-Feb-16	2.3	
08-Jan-16	12-Feb-16	23-Feb-16	2.2	
14-Jan-16	12-Feb-16	23-Feb-16	9.0	
20-Jan-16	12-Feb-16	23-Feb-16	9.6	
26-Jan-16	12-Feb-16	23-Feb-16	7.7	
01-Feb-16	12-Feb-16	23-Feb-16	4.4	
07-Feb-16	25-Mar-16	10-Jun-16	5.9	
13-Feb-16	25-Mar-16	10-Jun-16	5.9	
19-Feb-16	25-Mar-16	10-Jun-16	0.1	Damaged Filter Paper
25-Feb-16	25-Mar-16	10-Jun-16	11.0	
02-Mar-16	25-Mar-16	10-Jun-16	0.1	Damaged Filter Paper
08-Mar-16	07-May-16	10-Jun-16	4.2	
14-Mar-16	07-May-16	10-Jun-16	3.9	
20-Mar-16	07-May-16	10-Jun-16	1.3	
26-Mar-16	07-May-16	10-Jun-16	1.3	
01-Apr-16	07-May-16	10-Jun-16	1.3	
07-Apr-16	07-May-16	10-Jun-16	4.3	
13-Apr-16	07-May-16	10-Jun-16	4.3	
19-Apr-16	07-May-16	10-Jun-16	4.3	
25-Apr-16	07-May-16	10-Jun-16	9.0	
01-May-16	06-Jun-16	10-Jun-16	3.4	
07-May-16	06-Jun-16	10-Jun-16	8.1	
13-May-16	06-Jun-16	10-Jun-16	10.2	
19-May-16	06-Jun-16	10-Jun-16	9.5	
25-May-16	05-Aug-16	19-Aug-16	10.8	
31-May-16	05-Aug-16	19-Aug-16	9.7	
06-Jun-16	05-Aug-16	19-Aug-16	4.4	
12-Jun-16	05-Aug-16	19-Aug-16	1.2	
18-Jun-16	05-Aug-16	19-Aug-16	2.4	
24-Jun-16	02-Aug-16	19-Aug-16	4.1	
30-Jun-16	02-Aug-16	19-Aug-16	6.1	
06-Jul-16	02-Aug-16	19-Aug-16	5.9	
12-Jul-16	02-Aug-16	19-Aug-16	13.2	
18-Jul-16	02-Aug-16	19-Aug-16	8.1	
24-Jul-16	01-Sep-16	23-Sep-16	25.8	
30-Jul-16	01-Sep-16	23-Sep-16	41.0	
05-Aug-16	01-Sep-16	23-Sep-16	2.1	
11-Aug-16	01-Sep-16	23-Sep-16	18.5	
17-Aug-16	01-Sep-16	23-Sep-16	16.8	
23-Aug-16	05-Oct-16	14-Oct-16	7.5	
29-Aug-16	05-Oct-16	14-Oct-16	11.7	
04-Sep-16	05-Oct-16	14-Oct-16	15.1	
10-Sep-16	05-Oct-16	14-Oct-16	4.6	
16-Sep-16	05-Oct-16	14-Oct-16	50.9	
22-Sep-16	07-Nov-16	14-Nov-16	56.2	
28-Sep-16	07-Nov-16	14-Nov-16	50.4	
04-Oct-16	07-Nov-16	14-Nov-16	30.0	
10-Oct-16	07-Nov-16	14-Nov-16	57.0	
16-Oct-16	07-Nov-16	14-Nov-16	16.9	
22-Oct-16	12-Dec-16	13-Dec-16	15.6	
28-Oct-16	12-Dec-16	13-Dec-16	39.6	
03-Nov-16	12-Dec-16	13-Dec-16	33.2	

Sampling Point: Monitoring Point 2 - Ambient Air Monitoring Fuel Stockpile
 Licence: 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
09-Nov-16	12-Dec-16	13-Dec-16	43.3	
15-Nov-16	12-Dec-16	13-Dec-16	78.5	
21-Nov-16	30-Dec-16	23-Jan-17	58.6	
27-Nov-16	30-Dec-16	23-Jan-17	23.2	
03-Dec-16	30-Dec-16	23-Jan-17	23.7	
09-Dec-16	30-Dec-16	23-Jan-17	38.3	
15-Dec-16	30-Dec-16	23-Jan-17	23.8	
21-Dec-16	03-Feb-17	10-Feb-17	44.9	
27-Dec-16	03-Feb-17	10-Feb-17	14.2	
02-Jan-17	03-Feb-17	10-Feb-17	11.1	
08-Jan-17	03-Feb-17	10-Feb-17	6.6	
14-Jan-17	03-Feb-17	10-Feb-17	14.1	
20-Jan-17	10-Mar-17	10-Mar-17	27.7	
26-Jan-17	10-Mar-17	10-Mar-17	35.1	
01-Feb-17	10-Mar-17	10-Mar-17	19.5	
07-Feb-17	10-Mar-17	10-Mar-17	44.1	
13-Feb-17	10-Mar-17	10-Mar-17	81.2	
19-Feb-17	05-Apr-17	13-Apr-17	17.0	
25-Feb-17	05-Apr-17	13-Apr-17	78.0	
03-Mar-17	05-Apr-17	13-Apr-17	24.4	
09-Mar-17	05-Apr-17	13-Apr-17	57.4	
15-Mar-17	05-Apr-17	13-Apr-17	11.4	
21-Mar-17	17-May-17	19-Jun-17	16.9	
27-Mar-17	17-May-17	19-Jun-17	26.5	
02-Apr-17	17-May-17	19-Jun-17	48.4	
08-Apr-17	17-May-17	19-Jun-17	24.6	
14-Apr-17	17-May-17	19-Jun-17	15.5	
20-Apr-17	08-Jun-17	19-Jun-17	13.2	
26-Apr-17	08-Jun-17	19-Jun-17	17.2	
02-May-17	08-Jun-17	19-Jun-17	28.2	
08-May-17	08-Jun-17	19-Jun-17	6.6	
14-May-17	08-Jun-17	19-Jun-17	5.3	
20-May-17	08-Jun-17	19-Jun-17	10.6	
26-May-17	20-Jul-17	12-Sep-17	42.9	
01-Jun-17	20-Jul-17	12-Sep-17	81.1	
07-Jun-17	20-Jul-17	12-Sep-17	140.0	
13-Jun-17	20-Jul-17	12-Sep-17	8.8	
19-Jun-17	20-Jul-17	12-Sep-17	11.3	
25-Jun-17	20-Jul-17	12-Sep-17	14.6	
01-Jul-17	20-Jul-17	12-Sep-17	20.5	
07-Jul-17	22-Sep-17	12-Oct-17	4.5	
13-Jul-17	22-Sep-17	12-Oct-17	4.5	Filter paper went two cycles one result (8.9) 07/07-13/07
19-Jul-17	22-Sep-17	12-Oct-17	94.4	
25-Jul-17	22-Sep-17	12-Oct-17	44.1	
31-Jul-17	22-Sep-17	12-Oct-17	24.1	
06-Aug-17	22-Sep-17	12-Oct-17	16.1	
12-Aug-17	22-Sep-17	12-Oct-17	29.4	
18-Aug-17	22-Sep-17	12-Oct-17	168.0	
24-Aug-17	22-Sep-17	12-Oct-17	41.9	
30-Aug-17	22-Sep-17	12-Oct-17	34.0	
05-Sep-17	16-Oct-17	23-Oct-17	34.0	Filter paper went two cycles one result (68) 30/08-05/09
11-Sep-17	16-Oct-17	23-Oct-17	40.6	
17-Sep-17	16-Oct-17	23-Oct-17	71.3	
23-Sep-17	16-Oct-17	23-Oct-17	115.0	

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
29-Sep-17	16-Oct-17	23-Oct-17	73.5	
05-Oct-17	16-Oct-17	23-Oct-17	26.1	
11-Oct-17	16-Oct-17	23-Oct-17	35.4	
17-Oct-17	16-Oct-17	23-Oct-17	20.8	
23-Oct-17	16-Oct-17	23-Oct-17	25.0	
29-Oct-17	16-Oct-17	23-Oct-17	25.5	
04-Nov-17	16-Oct-17	23-Oct-17	56.2	
10-Nov-17	14-Dec-17	20-Dec-17	16.8	
16-Nov-17	14-Dec-17	20-Dec-17	33.6	
22-Nov-17	14-Dec-17	20-Dec-17	32.2	
28-Nov-17	14-Dec-17	20-Dec-17	119.0	
04-Dec-17	14-Dec-17	20-Dec-17	31.4	
10-Dec-17	14-Dec-17	20-Dec-17	36.9	
16-Dec-17	08-Jan-18	16-Jan-18	16.5	
22-Dec-17	08-Jan-18	16-Jan-18	17.2	
28-Dec-17	08-Jan-18	16-Jan-18	14.9	

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
16-Jun-14	07-Jul-14	12-Aug-14	2.39	Monitoring under CBM licence From 30/5/14
14-Jul-14	28-Jul-14	12-Aug-14	1.08	
14-Aug-14	28-Aug-14	15-Sep-14	2.21	
15-Sep-14	23-Sep-14	08-Oct-14	4.99	
14-Oct-14	23-Oct-14	04-Nov-14	5.09	
12-Nov-14	26-Nov-14	19-Dec-14	1.68	
12-Dec-14	05-Jan-15	06-Feb-15	12.18	
12-Jan-15	27-Jan-15	06-Feb-15	4.07	
11-Feb-15	03-Mar-15	09-Mar-15	9.14	
12-Mar-15	25-Mar-15	08-Apr-15	5.15	
13-Apr-15	29-Apr-15	07-May-15	3.27	
11-May-15	27-May-15	09-Jun-15	12.90	
12-Jun-15	25-Jun-15	07-Jul-15	2.04	
13-Jul-15	22-Jul-15	10-Aug-15	2.63	
12-Aug-15	25-Aug-15	08-Sep-15	2.31	
11-Sep-15	23-Sep-15	12-Oct-15	6.09	
12-Oct-15	26-Oct-15	13-Nov-15	5.30	
11-Nov-15	24-Nov-15	15-Dec-15	7.52	
11-Dec-15	22-Dec-15	20-Jan-16	2.90	
11-Jan-16	22-Jan-16	23-Feb-16	12.19	
09-Feb-16	17-Feb-16	23-Feb-16	6.47	
11-Mar-16	22-Mar-16	31-Mar-16	5.47	
11-Apr-16	26-Apr-16	29-Apr-16	2.95	
11-May-16	19-May-16	10-Jun-16	2.65	
10-Jun-16	21-Jun-16	25-Jul-16	7.40	
11-Jul-16	25-Jul-16	19-Aug-16	2.20	
09-Aug-16	22-Aug-16	23-Sep-16	1.30	
08-Sep-16	16-Sep-16	23-Sep-16	2.30	
10-Oct-16	13-Oct-16	14-Oct-16	4.60	
07-Nov-16	15-Nov-16	13-Dec-16	3.20	
08-Dec-16	22-Dec-16	23-Jan-17	10.50	
08-Jan-17	17-Jan-16	23-Jan-17	7.20	
06-Feb-17	14-Feb-17	10-Mar-17	1.90	
08-Mar-17	15-Mar-17	13-Apr-17	12.30	
07-Apr-17	18-Apr-17	15-May-17	1.50	
05-May-17	12-May-17	19-Jun-17	0.70	
05-Jun-17	07-Jun-17	31-Jul-17	0.70	
06-Jul-17	10-Jul-17	31-Jul-17	3.70	
04-Aug-17	09-Aug-17	12-Sep-17	2.19	
11-Sep-17	13-Sep-17	13-Sep-17	0.74	
10-Oct-17	13-Oct-17	24-Oct-17	1.17	
08-Nov-17	09-Nov-17	17-Nov-17	0.28	
05-Nov-17	08-Dec-17	22-Dec-17	1.83	

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 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 ² /month)	Notes
16-Jun-14	07-Jul-14	12-Aug-14	1.11	Monitoring under CBM licence From 30/5/14
14-Jul-14	28-Jul-14	12-Aug-14	3.61	
14-Aug-14	28-Aug-14	15-Sep-14	3.29	
15-Sep-14	23-Sep-14	08-Oct-14	4.00	
14-Oct-14	23-Oct-14	04-Nov-14	9.90	
12-Nov-14	26-Nov-14	19-Dec-14	3.95	
12-Dec-14	05-Jan-15	06-Feb-15	36.86	
12-Jan-15	27-Jan-15	06-Feb-15	4.71	
11-Feb-15	03-Mar-15	09-Mar-15	6.38	
12-Mar-15	25-Mar-15	08-Apr-15	11.76	
13-Apr-15	29-Apr-15	07-May-15	35.46	
11-May-15	27-May-15	09-Jun-15	10.52	
12-Jun-15	25-Jun-15	07-Jul-15	17.85	
13-Jul-15	22-Jul-15	10-Aug-15	10.42	
12-Aug-15	25-Aug-15	08-Sep-15	19.72	
11-Sep-15	23-Sep-15	12-Oct-15	11.40	
12-Oct-15	26-Oct-15	13-Nov-15	9.05	
11-Nov-15	24-Nov-15	15-Dec-15	4.50	
11-Dec-15	22-Dec-15	20-Jan-16	36.47	
11-Jan-16	22-Jan-16	23-Feb-16	6.46	
09-Feb-16	17-Feb-16	23-Feb-16	5.81	
11-Mar-16	22-Mar-16	31-Mar-16	4.19	
11-Apr-16	26-Apr-16	29-Apr-16	5.72	
11-May-16	19-May-16	10-Jun-16	18.20	
10-Jun-16	21-Jun-16	25-Jul-16	31.30	
11-Jul-16	25-Jul-16	19-Aug-16	32.30	
09-Aug-16	22-Aug-16	23-Sep-16	10.60	
08-Sep-16	16-Sep-16	23-Sep-16	48.30	
10-Oct-16	13-Oct-16	14-Oct-16	20.80	
07-Nov-16	15-Nov-16	13-Dec-16	9.70	
08-Dec-16	22-Dec-16	23-Jan-17	3.80	
08-Jan-17	17-Jan-16	23-Jan-17	no result	Sample bottle broke in transit to lab.
06-Feb-17	14-Feb-17	10-Mar-17	4.20	
08-Mar-17	15-Mar-17	13-Apr-17	4.10	
07-Apr-17	18-Apr-17	15-May-17	2.50	
05-May-17	12-May-17	19-Jun-17	5.60	
05-Jun-17	07-Jun-17	31-Jul-17	49.10	
06-Jul-17	10-Jul-17	31-Jul-17	10.50	
04-Aug-17	09-Aug-17	12-Sep-17	5.09	
11-Sep-17	13-Sep-17	13-Sep-17	2.48	
10-Oct-17	13-Oct-17	24-Oct-17	1.08	
08-Nov-17	09-Nov-17	17-Nov-17	0.87	
05-Dec-17	08-Dec-17	22-Dec-17	1.24	

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	
16-Jun-14	29-Jun-14	12-Aug-14	0.54	10.23	8.24	Monitoring under CBM licence From 30/5/14
30-Jun-14	13-Jul-14	12-Aug-14	1.10	10.23	5.71	
14-Jul-14	27-Jul-14	12-Aug-14	3.56	6.82	4.49	
28-Jul-14	10-Aug-14	22-Aug-14	3.57	9.98	5.50	
11-Aug-14	24-Aug-14	15-Sep-14	3.82	9.20	5.46	
25-Aug-14	7-Sep-14	15-Sep-14	3.59	9.25	4.89	
8-Sep-14	21-Sep-14	8-Oct-14	4.15	9.63	5.74	
22-Sep-14	5-Oct-14	8-Oct-14	5.19	6.89	3.99	
6-Oct-14	19-Oct-14	4-Nov-14	3.91	9.02	5.20	
20-Oct-14	2-Nov-14	24-Nov-14	4.38	8.17	6.01	
3-Nov-14	16-Nov-14	24-Nov-14	4.05	8.67	5.08	
17-Nov-14	30-Nov-14	19-Dec-14	4.21	8.33	5.42	
1-Dec-14	14-Dec-14	19-Dec-14	5.13	5.42	5.28	
15-Dec-14	18-Dec-14	6-Feb-15	6.11	10.04	7.46	
20-Jan-15	24-Jan-15	6-Feb-15	6.55	8.04	7.12	
16-Feb-15	1-Mar-15	9-Mar-15	7.55	9.82	8.74	
2-Mar-15	15-Mar-15	8-Apr-15	7.11	8.91	7.95	
16-Mar-15	19-Mar-15	8-Apr-15	7.72	9.77	8.80	
18-May-15	23-May-15	9-Jun-15	7.05	10.22	8.55	
1-Jun-15	7-Jun-15	7-Jul-15	10.08	10.08	10.08	
14-Jun-15	27-Jun-15	10-Aug-15	5.21	10.12	7.52	System crash temporarily prevented access to data from DCS
29-Jun-15	12-Jul-15	10-Aug-15	5.40	9.17	6.99	
13-Jul-15	26-Jul-15	10-Aug-15	6.70	8.58	7.23	
27-Jul-15	9-Aug-15	8-Sep-15	6.56	9.30	7.19	
10-Aug-15	23-Aug-15	8-Sep-15	6.79	7.74	7.17	
24-Aug-15	6-Sep-15	12-Oct-15	7.18	7.93	7.42	
7-Sep-15	20-Sep-15	12-Oct-15	4.55	7.94	6.95	
21-Sep-15	4-Oct-15	13-Nov-15	3.75	4.83	4.11	
5-Oct-15	18-Oct-15	13-Nov-15	4.10	7.84	5.13	
19-Oct-15	1-Nov-15	13-Nov-15	4.08	5.71	4.71	
2-Nov-15	15-Nov-15	15-Dec-15	4.79	9.00	6.12	
16-Nov-15	29-Nov-15	15-Dec-15	4.24	8.34	5.10	
30-Nov-15	11-Dec-15	20-Jan-16	5.12	8.01	6.04	
3-Jan-16	10-Jan-16	20-Jan-16	6.79	10.08	8.62	
11-Jan-16	24-Jan-16	23-Feb-16	6.04	8.60	6.69	
25-Jan-16	7-Feb-16	23-Feb-16	6.10	9.37	7.04	
8-Feb-16	21-Feb-16	31-Mar-16	5.69	8.59	6.49	
23-Mar-16	2-Apr-16	10-Jun-16	7.54	9.71	8.74	
3-Apr-16	17-Apr-16	11-Jun-16	7.96	10.22	8.87	
18-Apr-16	1-May-16	12-Jun-16	8.53	10.18	9.43	
2-May-16	15-May-16	13-Jun-16	8.54	10.18	9.61	
16-May-16	29-May-16	14-Jun-16	3.10	10.23	9.74	
30-May-16	12-Jun-16	25-Jul-16	6.39	10.23	10.07	
13-Jun-16	26-Jun-16	25-Jul-16	6.06	10.23	10.15	
27-Jun-16	10-Jul-16	25-Jul-16	0.01	10.23	6.35	
11-Jul-16	24-Jul-16	19-Aug-16	2.60	10.23	6.80	
25-Jul-16	7-Aug-16	19-Aug-16	1.89	10.23	7.58	
8-Aug-16	21-Aug-16	23-Sep-16	2.43	10.23	6.70	
22-Aug-16	4-Sep-16	23-Sep-16	1.01	10.23	7.05	
5-Sep-16	18-Sep-16	14-Oct-16	1.79	10.23	6.93	
19-Sep-16	2-Oct-16	14-Oct-16	0.01	10.23	6.41	
3-Oct-16	16-Oct-16	14-Nov-16	1.52	10.23	6.66	
17-Oct-16	30-Oct-16	14-Nov-16	0.01	10.23	7.29	
31-Oct-16	13-Nov-16	14-Nov-16	0.00	10.23	6.83	
14-Nov-16	27-Nov-16	13-Dec-16	1.51	10.23	6.93	
28-Nov-16	11-Dec-16	23-Jan-17	1.58	10.23	6.22	
12-Dec-16	25-Dec-16	23-Jan-17	0.00	10.00	6.16	
26-Dec-16	8-Jan-17	23-Jan-17	4.00	10.00	8.42	
9-Jan-17	22-Jan-17	10-Feb-17	0.00	20.00	7.69	

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	
23-Jan-17	5-Feb-17	10-Feb-17	3.00	20.00	8.14	
6-Feb-17	19-Feb-17	10-Mar-17	2.40	20.46	8.11	
20-Feb-17	5-Mar-17	10-Mar-17	4.08	20.27	7.45	Shut 26/02/17 - 17/03/2017
6-Mar-17	19-Mar-17	13-Apr-17	4.56	13.92	7.42	Shut 26/02/17 - 17/03/2017
20-Mar-17	2-Apr-17	13-Apr-17	3.20	23.38	7.19	
3-Apr-17	16-Apr-17	15-May-17	3.64	19.37	7.49	
17-Apr-17	30-Apr-17	15-May-17	3.33	19.54	7.54	
1-May-17	14-May-17	19-Jun-17	2.08	19.71	7.66	
15-May-17	28-May-17	19-Jun-17	3.77	17.89	7.73	
29-May-17	4-Jun-17	31-Jul-17	3.28	19.63	11.09	
5-Jun-17	11-Jun-17	31-Jul-17	3.60	19.52	10.81	
12-Jun-17	18-Jun-17	31-Jul-17	3.96	19.43	12.55	
19-Jun-17	25-Jun-17	31-Jul-17	5.28	19.04	18.16	
26-Jun-17	2-Jul-17	31-Jul-17	1.31	19.64	5.48	
3-Jul-17	9-Jul-17	31-Jul-17	0.01	10.16	3.71	
10-Jul-17	16-Jul-17	31-Jul-17	0.02	19.37	4.56	
17-Jul-17	23-Jul-17	31-Jul-17	0.05	20.43	6.29	
24-Jul-17	30-Jul-17	31-Jul-17	0.34	16.73	3.72	
31-Jul-17	6-Aug-17	13-Sep-17	0.01	19.57	4.54	
7-Aug-17	13-Aug-17	13-Sep-17	0.01	19.73	3.63	
14-Aug-17	20-Aug-17	13-Sep-17	0.62	6.35	3.39	
21-Aug-17	27-Aug-17	13-Sep-17	0.98	19.47	3.68	
28-Aug-17	3-Sep-17	13-Oct-17	0.02	9.71	3.84	
4-Sep-17	10-Sep-17	13-Oct-17	1.20	8.26	3.78	
11-Sep-17	17-Sep-17	13-Oct-17	1.20	8.26	3.78	
18-Sep-17	24-Sep-17	13-Oct-17	0.01	13.38	3.55	
25-Sep-17	1-Oct-17	13-Nov-17	1.18	19.64	5.89	
2-Oct-17	8-Oct-17	13-Nov-17	0.55	12.19	3.98	
9-Oct-17	15-Oct-17	13-Nov-17	0.48	19.42	5.15	
16-Oct-17	22-Oct-17	13-Nov-17	1.72	19.11	6.52	
23-Oct-17	29-Oct-17	13-Nov-17	0.00	19.09	4.65	
30-Oct-17	5-Nov-17	13-Nov-17	0.40	15.53	3.53	
6-Nov-17	12-Nov-17	13-Nov-17	0.24	19.45	3.83	
13-Nov-17	19-Nov-17	15-Dec-17	0.02	12.18	3.86	
20-Nov-17	26-Nov-17	15-Dec-17	0.68	19.55	7.59	
27-Nov-17	3-Dec-17	15-Dec-17	0.01	19.66	3.42	
4-Dec-17	10-Dec-17	10-Jan-18	0.01	19.68	5.78	
11-Dec-17	17-Dec-17	10-Jan-18	0.18	19.35	4.63	
18-Dec-17	24-Dec-17	10-Jan-18	3.66	19.24	14.80	
25-Dec-17	31-Dec-17	10-Jan-18	3.18	15.85	5.96	

Sampling Point: Monitoring Point 8 - Injection Water Inlet, Background River Water Temperature

Licencee 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
			Shutdown Period
25-Jun-14	12-Aug-14	19.5	
2-Jul-14	12-Aug-14	17.6	
09-Jul-14	12-Aug-14	17.0	
16-Jul-14	12-Aug-14	16.3	
23-Jul-14	12-Aug-14	18.1	
30-Jul-14	12-Aug-14	17.1	
6-Aug-14	22-Aug-14	18.0	
13-Aug-14	15-Sep-14	17.8	
20-Aug-14	15-Sep-14	20.3	
3-Sep-14	08-Oct-14	18.6	
17-Sep-14	08-Oct-14	20.7	
24-Sep-14	08-Oct-14	21.2	
1-Oct-14	04-Nov-14	23.4	
8-Oct-14	04-Nov-14	25.2	
15-Oct-14	24-Nov-14	24.8	
22-Oct-14	24-Nov-14	23.6	
29-Oct-14	24-Nov-14	25.0	
05-Nov-14	24-Nov-14	25.4	
12-Nov-14	19-Dec-14	27.0	
19-Nov-14	19-Dec-14	26.9	
26-Nov-14	19-Dec-14	28.4	
3-Dec-14	19-Dec-14	28.4	
10-Dec-14	19-Dec-14	27.1	
10-Mar-15	08-Apr-15	29.8	Plant Shutdown
11-Mar-15	08-Apr-15	28.8	
17-Mar-15	08-Apr-15	26.7	
18-Mar-15	08-Apr-15	26.8	
			Start of new reporting period from 21/5/15
2-Jun-15	09-Jun-15	19.5	
16-Jun-15	07-Jul-15	18.6	
17-Jun-15	07-Jul-15	19.0	
18-Jun-15	07-Jul-15	20.4	
19-Jun-15	07-Jul-15	20.2	
22-Jun-15	07-Jul-15	18.5	
23-Jun-15	07-Jul-15	18.3	
24-Jun-15	07-Jul-15	19.9	
25-Jun-15	07-Jul-15	18.2	
26-Jun-15	07-Jul-15	18.3	
29-Jun-15	07-Jul-15	18.2	
30-Jun-15	07-Jul-15	18.8	
1-Jul-15	07-Jul-15	18.8	
02-Jul-15	07-Jul-15	19.0	
3-Jul-15	07-Jul-15	18.2	
6-Jul-15	07-Jul-15	18.2	
07-Jul-15	07-Jul-15	19.0	
8-Jul-15	10-Aug-15	17.0	
9-Jul-15	10-Aug-15	18.0	
10-Jul-15	10-Aug-15	18.0	
13-Jul-15	10-Aug-15	17.3	
14-Jul-15	10-Aug-15	17.2	
15-Jul-15	10-Aug-15	16.6	
16-Jul-15	10-Aug-15	16.8	

Sampling Point: **Monitoring Point 8 - Injection Water Inlet, Background River Water Temperature**
 Licencee 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
17-Jul-15	10-Aug-15	17.1	
20-Jul-15	10-Aug-15	16.2	
21-Jul-15	10-Aug-15	16.2	
22-Jul-15	10-Aug-15	18.0	
23-Jul-15	10-Aug-15	16.8	
28-Jul-15	10-Aug-15	18.2	
29-Jul-15	10-Aug-15	17.8	
30-Jul-15	10-Aug-15	18.2	
31-Jul-15	10-Aug-15	18.8	
3-Aug-15	10-Aug-15	19.6	
04-Aug-15	10-Aug-15	18.8	
5-Aug-15	10-Aug-15	20.0	
6-Aug-15	10-Aug-15	18.4	
07-Aug-15	08-Sep-15	17.5	
10-Aug-15	08-Sep-15	19.1	
11-Aug-15	08-Sep-15	19.5	
12-Aug-15	08-Sep-15	19.8	
13-Aug-15	08-Sep-15	19.6	
17-Aug-15	08-Sep-15	19.9	
18-Aug-15	08-Sep-15	19.6	
19-Aug-15	08-Sep-15	19.4	
20-Aug-15	08-Sep-15	19.9	
21-Aug-15	08-Sep-15	20.0	
24-Aug-15	08-Sep-15	21.6	
25-Aug-15	08-Sep-15	22.6	
26-Aug-15	08-Sep-15	22.4	
27-Aug-15	08-Sep-15	20.4	
31-Aug-15	08-Sep-15	20.6	
01-Sep-15	08-Sep-15	22.0	
2-Sep-15	08-Sep-15	20.8	
3-Sep-15	12-Oct-15	22.2	
04-Sep-15	12-Oct-15	20.3	
7-Sep-15	12-Oct-15	22.2	
8-Sep-15	12-Oct-15	24.0	
09-Sep-15	12-Oct-15	22.8	
10-Sep-15	12-Oct-15	22.5	
11-Sep-15	12-Oct-15	20.6	
14-Sep-15	12-Oct-15	20.6	
15-Sep-15	12-Oct-15	20.4	
16-Sep-15	12-Oct-15	21.8	
17-Sep-15	12-Oct-15	20.2	
18-Sep-15	12-Oct-15	20.3	
21-Sep-15	12-Oct-15	20.4	
22-Sep-15	12-Oct-15	23.5	
23-Sep-15	12-Oct-15	21.7	
24-Sep-15	12-Oct-15	21.6	
25-Sep-15	12-Oct-15	21.4	
28-Sep-15	12-Oct-15	18.4	
29-Sep-15	12-Oct-15	22.1	
30-Sep-15	12-Oct-15	21.0	
1-Oct-15	12-Oct-15	21.1	
2-Oct-15	12-Oct-15	25.2	
06-Oct-15	12-Oct-15	25.5	
7-Oct-15	12-Oct-15	24.5	
8-Oct-15	13-Nov-15	23.0	
09-Oct-15	13-Nov-15	24.2	
12-Oct-15	13-Nov-15	25.7	
13-Oct-15	13-Nov-15	25.2	
14-Oct-15	13-Nov-15	22.9	
16-Oct-15	13-Nov-15	25.3	
19-Oct-15	13-Nov-15	25.5	
20-Oct-15	13-Nov-15	25.7	
21-Oct-15	13-Nov-15	24.5	
22-Oct-15	13-Nov-15	25.1	

Sampling Point: **Monitoring Point 8 - Injection Water Inlet, Background River Water Temperature**
 Licencee 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
23-Oct-15	13-Nov-15	25.4	
26-Oct-15	13-Nov-15	26.0	
27-Oct-15	13-Nov-15	25.3	
28-Oct-15	13-Nov-15	24.5	
29-Oct-15	13-Nov-15	25.1	
30-Oct-15	13-Nov-15	25.0	
02-Nov-15	13-Nov-15	24.5	
3-Nov-15	13-Nov-15	26.3	
4-Nov-15	13-Nov-15	25.0	
05-Nov-15	13-Nov-15	25.2	
13-Nov-15	15-Dec-15	25.9	
16-Nov-15	15-Dec-15	25.4	
17-Nov-15	15-Dec-15	25.0	
18-Nov-15	15-Dec-15	24.2	
19-Nov-15	15-Dec-15	26.2	
20-Nov-15	15-Dec-15	30.4	
23-Nov-15	15-Dec-15	29.3	
24-Nov-15	15-Dec-15	30.2	
25-Nov-15	15-Dec-15	27.4	
26-Nov-15	15-Dec-15	29.1	
27-Nov-15	15-Dec-15	30.4	
30-Nov-15	15-Dec-15	30.3	
1-Dec-15	15-Dec-15	30.0	
2-Dec-15	15-Dec-15	27.0	
03-Dec-15	15-Dec-15	25.5	
4-Dec-15	15-Dec-15	25.4	
7-Dec-15	20-Jan-16	30.0	
09-Dec-15	20-Jan-16	28.9	
10-Dec-15	20-Jan-16	29.1	
11-Jan-16	20-Jan-16	28.5	
13-Jan-16	20-Jan-16	28.8	
15-Jan-16	20-Jan-16	29.1	
18-Jan-16	23-Feb-16	27.6	
19-Jan-16	23-Feb-16	28.9	
20-Jan-16	23-Feb-16	29.4	
21-Jan-16	23-Feb-16	29.1	
22-Jan-16	23-Feb-16	28.8	
27-Jan-16	23-Feb-16	28.2	
28-Jan-16	23-Feb-16	27.5	
01-Feb-16	23-Feb-16	29.5	
2-Feb-16	23-Feb-16	30.6	
3-Feb-16	23-Feb-16	29.4	
08-Feb-16	23-Feb-16	28.4	
9-Feb-16	23-Feb-16	27.8	
10-Feb-16	23-Feb-16	29.2	
11-Feb-16	23-Feb-16	28.4	
12-Feb-16	23-Feb-16	29.1	
15-Feb-16	23-Feb-16	29.0	
16-Feb-16	23-Feb-16	31.0	
17-Feb-16	23-Feb-16	30.1	
18-Feb-16	23-Feb-16	30.4	
22-Feb-16	23-Feb-16	28.6	
23-Feb-16	31-Mar-16	29.2	
24-Feb-16	31-Mar-16	29.8	
25-Feb-16	31-Mar-16	29.0	
23-Mar-16	31-Mar-16	26.8	
11-Apr-16	29-Apr-16	25.2	
12-Apr-16	29-Apr-16	25.6	
13-Apr-16	29-Apr-16	25.1	
14-Apr-16	29-Apr-16	26.0	
15-Apr-16	29-Apr-16	25.0	
19-Apr-16	29-Apr-16	29.0	
20-Apr-16	29-Apr-16	28.3	
28-Apr-16	10-Jun-16	24.5	

Sampling Point: **Monitoring Point 8 - Injection Water Inlet, Background River Water Temperature**
 Licencee 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
29-Apr-16	10-Jun-16	24.2	
4-May-16	10-Jun-16	23.9	
10-May-16	10-Jun-16	23.9	
11-May-16	10-Jun-16	24.1	
16-May-16	10-Jun-16	23.1	
17-May-16	10-Jun-16	23.0	
19-May-16	10-Jun-16	22.3	
26-May-16	10-Jun-16	21.5	
27-May-16	10-Jun-16	22.0	
2-Jun-16	10-Jun-16	20.0	
14-Jun-16	25-Jul-16	18.5	
16-Jun-16	25-Jul-16	18.5	
17-Jun-16	25-Jul-16	19.3	
23-Jun-16	25-Jul-16	18.0	
29-Jun-16	25-Jul-16	18.0	
7-Jul-16	25-Jul-16	18.0	
19-Jul-16	19-Aug-16	19.2	
20-Jul-16	19-Aug-16	20.2	
29-Jul-16	19-Aug-16	20.0	
11-Aug-16	19-Aug-16	20.0	
19-Aug-16	23-Sep-16	21.0	
1-Sep-16	23-Sep-16	20.0	
8-Sep-16	23-Sep-16	22.5	
15-Sep-16	23-Sep-16	24.0	
22-Sep-16	23-Sep-16	25.0	
6-Oct-16	14-Oct-16	24.5	
17-Oct-16	14-Nov-16	24.5	
26-Oct-16	14-Nov-16	25.5	
8-Nov-16	14-Nov-16	28.0	
17-Nov-16	13-Dec-16	28.0	
30-Nov-16	13-Dec-16	29.0	
14-Dec-16	23-Jan-17	30.0	
22-Dec-16	23-Jan-17	28.0	
3-Jan-17	23-Jan-17	28.0	
12-Jan-17	23-Jan-17	29.0	
20-Jan-17	10-Feb-17	29.0	
30-Jan-17	10-Feb-17	30.0	
10-Feb-17	10-Mar-17	31.5	
20-Feb-17	10-Mar-17	32.0	
14-Mar-17	13-Apr-17	27.0	
24-Mar-17	13-Apr-17	25.0	
29-Mar-17	13-Apr-17	26.0	
12-Apr-17	15-May-17	23.0	
21-Apr-17	15-May-17	23.0	
03-May-17	15-May-17	23.0	
15-May-17	19-Jun-17	22.0	
26-May-17	19-Jun-17	22.0	
07-Jun-17	07-Aug-17	19.5	
15-Jun-17	07-Aug-17	20.0	
22-Jun-17	07-Aug-17	19.0	
28-Jun-17	07-Aug-17	19.0	
7-Jul-17	07-Aug-17	19.6	
13-Jul-17	07-Aug-17	19.2	
20-Jul-17	07-Aug-17	19.5	
26-Jul-17	07-Aug-17	19.0	
2-Aug-17	07-Aug-17	19.8	
07-Aug-17	12-Sep-17	22.0	
14-Aug-17	12-Sep-17	22.0	
21-Aug-17	12-Sep-17	21.0	
28-Aug-17	12-Sep-17	20.0	
6-Sep-17	12-Oct-17	21.0	
12-Sep-17	12-Oct-17	22.0	
18-Sep-17	12-Oct-17	23.8	
25-Sep-17	12-Oct-17	26.0	

Sampling Point: Monitoring Point 8 - Injection Water Inlet, Background River Water Temperature

Licencee 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
3-Oct-17	12-Oct-17	23.0	
10-Oct-17	12-Oct-17	26.5	
16-Oct-17	16-Nov-17	23.5	
23-Oct-13	16-Nov-17	22.0	
30-Oct-17	16-Nov-17	25.5	
8-Nov-17	16-Nov-17	25.5	
14-Nov-17	16-Nov-17	25.0	
21-Nov-17	15-Dec-17	27.0	
28-Nov-17	15-Dec-17	26.0	
4-Dec-17	15-Dec-17	26.0	
15-Dec-17	10-Jan-18	26.0	
21-Dec-17	10-Jan-18	26.0	
27-Dec-17	10-Jan-18	27.5	

Sampling Point: Monitoring Point 9 - Cogeneration Cooling Water Discharge

Licence 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.



Temperature

MONITORING PERIOD			pH			Temperature Difference			Volume			Notes
			Limit/s	Minimum	6.5	Limit/s	90 th Percentile	3°C > background	Limit/s	Not Prescribed		
Date Start	Date Finish	Date Published	Minimum Reading	Maximum Reading	Mean of Readings	Minimum Temp Diff	Maximum Temp Diff	Mean Temp Diff	Minimum Daily Discharge	Maximum Daily Discharge	Mean Daily Discharge	
					8.5							Shutdown Period
16-Jun-14	29-Jun-14	12-Aug-14	8.01	8.29	8.20	-2.7	3.0	-0.3	0	491	169	Monitoring under CBM licence From 30/5/14
30-Jun-14	13-Jul-14	12-Aug-14	8.03	8.31	8.20	-11.1	3.1	-1.5	8	521	396	
14-Jul-14	27-Jul-14	12-Aug-14	8.00	8.35	8.20	-7.7	3.8	-0.1	258	1024	510	
28-Jul-14	10-Aug-14	22-Aug-14	7.96	8.39	8.20	-8.4	3.4	-0.3	211	702	471	
11-Aug-14	24-Aug-14	15-Sep-14	8.01	8.35	8.20	-5.3	3.0	0.4	20	472	279	
25-Aug-14	7-Sep-14	15-Sep-14	8.05	8.36	8.20	-6.0	2.1	-1.0	0	444	209	
8-Sep-14	21-Sep-14	8-Oct-14	7.91	8.35	8.20	-7.3	2.8	-1.4	78	438	312	
22-Sep-14	5-Oct-14	4-Nov-14	7.98	8.31	8.21	-6.8	2.5	-1.2	347	403	381	
6-Oct-14	19-Oct-14	4-Nov-14	8.01	8.39	8.21	-9.6	2.7	-1.9	292	763	441	
20-Oct-14	2-Nov-14	24-Nov-14	8.07	8.33	8.22	-13.4	2.5	-2.0	125	673	404	
3-Nov-14	16-Nov-14	24-Nov-14	8.00	8.32	8.20	-8.9	2.5	-0.5	211	682	518	
17-Nov-14	30-Nov-14	19-Dec-14	8.02	8.32	8.20	-4.4	2.5	-0.2	253	568	420	
1-Dec-14	14-Dec-14	19-Dec-14	8.09	8.32	8.20	-3.7	2.5	0.2	155	415	311	
15-Dec-14	18-Dec-14	6-Feb-15	7.66	8.40	8.06	-5.8	2.8	-0.9	174	388	282	Boiler Shutdown 19/12/14-19/1/15
19-Jan-15	24-Jan-15	6-Feb-15	8.01	8.44	8.21	-7.8	2.7	-0.9	442	0	170	
16-Feb-15	1-Mar-15	9-Mar-15	7.61	8.45	8.01	-8.3	2.7	1.7	8	494	269	
2-Mar-15	15-Mar-15	8-Apr-15	7.48	8.34	7.80	-10.1	2.8	-2.1	3	422	220	
16-Mar-15	19-Mar-15	8-Apr-15	7.99	8.29	8.19	-5.4	2.5	-0.9	69	392	249	
18-May-15	23-May-15	9-Jun-15	8.13	8.27	8.20	-12.2	0.0	-4.1	53	486	296	
1-Jun-15	7-Jun-15	7-Jul-15	8.30	8.09	8.20	-14.2	2.9	-2.1	13	439	154	Boiler Shutdown
15-Jun-15	28-Jun-15	7-Jul-15	8.13	8.31	8.20	-10.9	2.9	0.3	75	607	343	
29-Jun-15	12-Jul-15	10-Aug-15	8.12	8.32	8.20	-7.5	2.8	0.3	56	508	331	
13-Jul-15	26-Jul-15	10-Aug-15	7.99	8.32	8.19	-7.5	4.6	0.3	134	503	353	
27-Jul-15	9-Aug-15	8-Sep-15	8.11	8.32	8.20	-7.5	4.5	0.4	87	576	391	
10-Aug-15	23-Aug-15	8-Sep-15	8.13	8.31	8.21	-6.4	6.1	0.5	322	561	502	
24-Aug-15	6-Sep-15	12-Oct-15	8.12	8.34	8.22	-7.3	7.1	-0.3	0	509	382	
7-Sep-15	20-Sep-15	12-Oct-15	8.14	8.32	8.22	-5.9	5.9	-0.3	62	484	349	
21-Sep-15	4-Oct-15	13-Nov-15	8.16	8.34	8.22	-4.7	4.5	-0.5	362	465	416	
5-Oct-15	18-Oct-15	13-Nov-15	7.80	8.48	8.24	-10.6	4.6	-1.5	226	728	418	
19-Oct-15	1-Nov-15	13-Nov-15	7.80	8.38	8.10	-6.9	2.3	-1.5	141	761	391	
2-Nov-15	15-Nov-15	15-Dec-15	8.02	8.32	8.20	-5.7	10.7	-0.3	0	659	187	
16-Nov-15	29-Nov-15	15-Dec-15	8.08	8.30	8.20	-8.7	9.7	-1.5	145	374	260	
30-Nov-15	11-Dec-15	20-Jan-16	8.05	8.31	8.20	-8.3	9.7	-2.6	92	461	258	Boiler Shutdown 11/12/15

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
			Limit/s	Minimum	6.5	Limit/s	90 th Percentile	3°C > background	Limit/s	Not Prescribed		
Date Start	Date Finish	Date Published	Minimum Reading	Maximum Reading	Mean of Readings	Minimum Temp Diff	Maximum Temp Diff	Mean Temp Diff	Minimum Daily Discharge	Maximum Daily Discharge	Mean Daily Discharge	
3-Jan-16	10-Jan-16	20-Jan-16	8.24	8.53	8.47	-10.6	5.2	-1.2	21	449	200	
11-Jan-16	24-Jan-16	23-Feb-16	6.92	8.44	8.23	-8.6	6.3	-0.5	184	580	442	
25-Jan-16	7-Feb-16	23-Feb-16	3.26	8.55	7.99	-9.8	7.9	-1.1	91	704	413	
8-Feb-16	21-Feb-16	31-Mar-16	8.11	8.27	8.20	-8.1	3.6	0.2	74	634	473	
22-Feb-16	28-Feb-16	31-Mar-16	8.08	8.26	8.20	-9.7	12.2	-1.2	4	524	339	
23-Mar-16	2-Apr-16	10-Jun-16	4.84	8.58	7.11	-11.1	9.0	0.3	214	370	295	
4-Apr-16	17-Apr-16	10-Jun-16	8.12	8.29	8.21	-9.1	5.3	0.2	101	530	336	
18-Apr-16	1-May-16	10-Jun-16	8.09	8.31	7.06	-12.0	3.5	-1.6	14	422	274	
2-May-16	8-May-16	10-Jun-16	8.19	8.29	8.09	-8.3	10.8	-0.3	0	220	47	
9-May-16	15-May-16	10-Jun-16	7.62	8.32	8.17	-16.0	4.2	-1.2	0	545	134	
16-May-16	22-May-16	10-Jun-16	8.10	8.32	8.20	-10.3	7.4	0.1	0	545	257	
23-May-16	29-May-16	10-Jun-16	7.89	8.30	8.20	-4.2	2.9	-1.1	76	597	359	
30-May-16	5-Jun-16	25-Jul-16	7.97	8.31	8.20	-6.9	4.0	-0.2	0	521	342	
6-Jun-16	12-Jun-16	25-Jul-16	8.08	8.29	8.20	-8.1	6.9	-0.1	0	324	151	
13-Jun-16	19-Jun-16	25-Jul-16	-0.02	8.43	8.20	-7.3	9.1	1.4	0	281	166	pH probe error.
20-Jun-16	26-Jun-16	25-Jul-16	8.08	8.25	8.20	-2.1	4.6	1.1	111	294	196	
27-Jun-16	3-Jul-16	25-Jul-16	7.25	8.62	8.20	-10.4	4.2	1.4	52	318	211	pH was high because sulphuric
4-Jul-16	10-Jul-16	25-Jul-16	8.13	8.66	8.15	-6.5	8.6	2.4	0	126	31	
11-Jul-16	17-Jul-16	25-Jul-16	7.19	8.87	7.59	-5.9	4.3	1.4	0	597	253	
18-Jul-16	24-Jul-16	23-Sep-16	7.99	8.27	8.19	-3.3	4.1	1.1	146	458	291	
25-Jul-16	31-Jul-16	23-Sep-16	7.04	8.34	8.20	-12.5	3.2	-1.7	206	513	355	
1-Aug-16	7-Aug-16	23-Sep-16	8.04	8.25	8.20	-9.5	3.1	-1.4	385	501	464	
8-Aug-16	14-Aug-16	23-Sep-16	8.12	8.28	8.20	-3.5	2.8	0.2	473	499	492	
15-Aug-16	21-Aug-16	23-Sep-16	8.03	8.28	8.20	-3.5	2.9	0.4	0	503	487	
22-Aug-16	28-Aug-16	23-Sep-16	7.67	8.35	8.20	-6.4	3.0	-0.1	0	489	349	
29-Aug-16	4-Sep-16	23-Sep-16	8.06	8.31	8.20	-4.0	4.2	1.1	0	459	350	
5-Sep-16	11-Sep-16	23-Sep-16	8.05	8.38	8.20	-6.3	3.4	0.9	0	518	276	
12-Sep-16	18-Sep-16	14-Oct-16	8.01	8.32	8.20	-4.0	3.7	1.0	0	642	418	
19-Sep-16	25-Sep-16	14-Oct-16	8.00	8.27	8.20	-4.6	0.7	-1.7	400	435	416	
26-Sep-16	2-Oct-16	14-Oct-16	8.08	8.43	8.20	-6.8	0.4	-2.5	359	418	394	
3-Oct-16	9-Oct-16	14-Nov-16	8.07	8.36	8.20	-8.6	3.5	-1.0	0	607	453	
10-Oct-16	16-Oct-16	14-Nov-16	8.09	8.31	8.20	-7.2	4.9	0.1	0	579	536	
17-Oct-16	23-Oct-16	14-Nov-16	7.71	8.35	8.20	-11.2	2.7	-0.5	164	785	453	
24-Oct-16	30-Oct-16	14-Nov-16	8.01	8.39	8.20	-11.3	5.0	-0.6	0	831	638	
31-Oct-16	6-Nov-16	14-Nov-16	6.71	8.28	8.20	-1.7	3.3	1.6	0	749	702	

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
			Limit/s	Minimum	6.5	Limit/s	90 th Percentile	3°C > background	Limit/s	Not Prescribed		
Date Start	Date Finish	Date Published	Minimum Reading	Maximum Reading	Mean of Readings	Minimum Temp Diff	Maximum Temp Diff	Mean Temp Diff	Minimum Daily Discharge	Maximum Daily Discharge	Mean Daily Discharge	
7-Nov-16	13-Nov-16	13-Dec-16	8.11	8.35	8.20	-5.4	4.7	1.2	0	727	648	
14-Nov-16	20-Nov-16	13-Dec-16	7.34	8.46	8.20	-4.5	3.4	-1.3	12	684	622	
21-Nov-16	27-Nov-16	13-Dec-16	7.85	8.31	8.20	-11.0	5.6	-1.5	0	671	550	Temperature differential reading of >5 was for 50 seconds and the result of probe heating up in pipe when valve was shut.
28-Nov-16	4-Dec-16	23-Jan-17	8.10	8.46	8.22	-7.6	7.8	-0.2	48	622	576	Temperature differential exceeded for 1 min 40s on 29/11/16, apart from this +4.6C was highest temperature differential in this period.
5-Dec-16	11-Dec-16	23-Jan-17	7.00	8.28	8.20	-3.3	2.7	0.5	47	601	549	
12-Dec-16	18-Dec-16	23-Jan-17	7.90	8.26	8.20	-4.1	1.4	-1.1	142	561	505	
19-Dec-16	25-Dec-16	23-Jan-17	7.87	8.40	8.21	-8.8	3.0	-1.3	6	530	492	
26-Dec-16	1-Jan-17	23-Jan-17	8.05	8.28	8.20	-9.5	7.3	0.0	0	1032	477	Temperature differential exceeded for 2 minutes on 27/12/16, apart from this +5C was highest temperature differential recorded in this period.
2-Jan-17	8-Jan-17	23-Jan-17	8.06	8.33	8.20	-9.7	3.2	0.5	339	484	461	
9-Jan-17	15-Jan-17	10-Feb-17	7.49	8.31	8.19	-10.1	4.9	1.7	0	494	398	
16-Jan-17	22-Jan-17	10-Feb-17	7.30	8.34	8.20	-7.8	4.7	0.7	0	516	387	
23-Jan-17	29-Jan-17	10-Feb-17	8.10	8.32	8.20	-2.8	3.0	1.8	358	488	433	
30-Jan-17	5-Feb-17	10-Feb-17	6.96	8.30	8.20	-7.1	5.0	1.6	0	484	442	
6-Feb-17	12-Feb-17	10-Mar-17	8.15	8.38	8.21	-6.3	3.1	1.4	308	435	377	
13-Feb-17	19-Feb-17	10-Mar-17	5.49	8.36	7.95	-12.1	3.5	-1.9	41	771	415	pH was <6.5 for 9 hours 41 minutes and 20 seconds., appears to have been error with control system.
20-Feb-17	26-Feb-17	10-Mar-17	8.06	8.31	8.20	-10.3	3.0	-2.1	0	750	615	
27-Feb-17	5-Mar-17	10-Mar-17	7.70	8.22	8.11	-13.0	-9.9	-11.7	19	946	327	Shut 26/02/17 - 17/03/2017
6-Mar-17	12-Mar-17	13-Apr-17	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Shut 26/02/17 - 17/03/2017
13-Mar-17	19-Mar-17	13-Apr-17	8.09	8.24	8.20	-2.6	6.5	1.3	0	491	343	Was >5C differential for 1 minute.
20-Mar-17	26-Mar-17	13-Apr-17	8.09	8.27	8.20	-3.7	5.3	2.7	0	715	367	Was >5C differential for 6 minutes 50 seconds.

Sampling Point: Monitoring Point 9 - Cogeneration Cooling Water Discharge

Licence 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
			Limit/s	Minimum	6.5	Limit/s	90 th Percentile	3°C > background	Limit/s	Not Prescribed		
Date Start	Date Finish	Date Published	Minimum Reading	Maximum Reading	Mean of Readings	Minimum Temp Diff	Maximum Temp Diff	Mean Temp Diff	Minimum Daily Discharge	Maximum Daily Discharge	Mean Daily Discharge	
27-Mar-17	2-Apr-17	13-Apr-17	8.00	8.42	8.20	-1.2	11.4	3.2	0	775	288	Various intervals were temperature differential was >5C, the longest being 8 minutes and 10 seconds.
3-Apr-17	9-Apr-17	15-May-17	7.98	8.29	8.16	-9.1	0.2	-2.4	0	446	297	
10-Apr-17	16-Apr-17	15-May-17	8.07	8.26	8.20	-3.3	3.8	1.4	3	451	353	
17-Apr-17	23-Apr-17	15-May-17	8.04	8.25	8.20	-4.1	3.7	2.0	0	450	370	
24-Apr-17	30-Apr-17	15-May-17	8.12	8.33	8.20	-3.2	3.2	1.2	7	425	339	
1-May-17	7-May-17	19-Jun-17	8.09	8.40	8.21	-6.9	4.0	1.2	0	645	342	
8-May-17	14-May-17	19-Jun-17	6.73	8.25	8.20	-1.4	1.6	0.5	0	562	379	
15-May-17	21-May-17	19-Jun-17	8.04	8.26	8.20	-0.7	3.0	1.3	0	719	394	
22-May-17	28-May-17	19-Jun-17	8.03	8.31	8.20	-7.2	3.9	1.8	0	543	363	
29-May-17	4-Jun-17	31-Jul-17	8.05	8.34	8.20	-9.1	2.6	-0.4	0	543	244	
5-Jun-17	11-Jun-17	31-Jul-17	8.01	8.32	8.19	-10.1	4.1	0.8	0	542	301	
12-Jun-17	18-Jun-17	31-Jul-17	8.04	8.32	8.19	-4.2	4.8	2.2	0	533	113	
19-Jun-17	25-Jun-17	31-Jul-17	5.13	8.22	7.76	1.6	10.5	3.7	0	415	4	pH at lows for less than a minute (24/06/17). High temp difference a result of pump maintenance <10 minutes (25/06/17).
26-Jun-17	2-Jul-17	31-Jul-17	7.76	8.38	8.18	-3.7	9.4	3.1	0	754	272	Continuing pump issues 26/06/17 <10 minutes
3-Jul-17	9-Jul-17	31-Jul-17	8.11	8.27	8.20	-1.4	4.9	2.4	0	752	368	
10-Jul-17	16-Jul-17	31-Jul-17	8.09	8.35	8.19	-3.1	3.4	0.9	0	643	222	
17-Jul-17	23-Jul-17	31-Jul-17	3.74	8.41	8.20	-13.1	4.4	0.9	0	540	297	Low pH 18/07/17 due to calibration
24-Jul-17	30-Jul-17	31-Jul-17	7.94	8.32	8.20	-9.2	3.2	0.8	0	536	392	
31-Jul-17	6-Aug-17	12-Sep-17	8.01	8.36	8.20	-6.0	4.0	0.8	0	525	347	
7-Aug-17	13-Aug-17	12-Sep-17	8.00	8.36	8.20	-4.7	4.6	1.4	0	537	464	
14-Aug-17	20-Aug-17	12-Sep-17	7.88	8.27	8.20	-1.2	4.6	2.2	0	723	420	
21-Aug-17	27-Aug-17	12-Sep-17	8.01	8.34	8.20	-2.5	7.4	2.3	0	808	415	River temperature change was not communicated with control room temperature exceeded on 22/08/17
28-Aug-17	3-Sep-17	13-Oct-17	6.97	8.28	8.20	-3.9	4.2	1.6	0	474	453	
4-Sep-17	10-Sep-17	13-Oct-17	8.05	8.29	8.20	-2.7	5.0	1.8	0	456	409	

Sampling Point: Monitoring Point 9 - Cogeneration Cooling Water Discharge

Licence 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
			Limit/s	Minimum	6.5	Limit/s	90 th Percentile	3°C > background	Limit/s	Not Prescribed		
Date Start	Date Finish	Date Published	Minimum Reading	Maximum Reading	Mean of Readings	Minimum Temp Diff	Maximum Temp Diff	Mean Temp Diff	Minimum Daily Discharge	Maximum Daily Discharge	Mean Daily Discharge	
11-Sep-17	17-Sep-17	13-Oct-17	8.05	8.29	8.20	-2.7	6.7	1.8	0	456	409	Temperature was exceeded on 13/09/17 due to instrumentation fault
18-Sep-17	24-Sep-17	13-Oct-17	7.88	10.85	8.23	-4.7	4.6	1.3	0	619	341	pH was high on 19-09-2017 for <40 seconds and corrected by operators immediately.
25-Sep-17	1-Oct-17	13-Nov-17	8.04	8.40	8.20	-8.5	7.1	0.0	0	732	343	Temperature was exceeded for 30 minutes on the 28/09/17 at a low flow due to instrumentation fault
2-Oct-17	8-Oct-17	13-Nov-17	7.02	8.36	8.20	-2.1	8.5	2.4	0	30	16	Temperature was exceeded on 2 occasions on the 04/10/17 for 21 minutes and 20 minutes. Flow rate was shut off but a level of discharge was still recorded due to instrumentation fault
9-Oct-17	15-Oct-17	13-Nov-17	7.96	8.29	8.13	-8.4	5.7	0.6	0	689	322	Temperature was exceeded for 1 hour and 19 minutes on the 10/10/17, discharge rate slows but no 0 value average exist due to instrumentation fault
16-Oct-17	22-Oct-17	13-Nov-17	7.91	8.16	8.10	-5.8	5.0	1.0	0	694	222	
23-Oct-17	29-Oct-17	13-Nov-17	7.63	8.42	8.12	-6.3	5.0	3.6	0	690	242	
30-Oct-17	5-Nov-17	13-Nov-17	8.02	8.18	8.10	-4.8	4.0	2.4	0	690	418	
6-Nov-17	12-Nov-17	13-Nov-17	7.99	8.19	8.11	-7.8	4.0	0.2	0	657	480	
13-Nov-17	19-Nov-17	15-Dec-17	8.00	8.18	8.10	-3.7	3.7	0.6	0	659	355	
20-Nov-17	26-Nov-17	15-Dec-17	7.95	8.24	8.10	-8.9	3.7	0.3	0	681	213	
27-Nov-17	3-Dec-17	15-Dec-17	7.83	8.20	8.10	-0.4	4.1	2.3	0	679	314	
4-Dec-17	10-Dec-17	10-Jan-18	7.99	8.25	8.10	-6.6	4.0	1.1	0	642	12	
11-Dec-17	17-Dec-17	11-Jan-18	8.03	8.26	8.10	-4.1	5.1	2.3	0	628	383	Temperature was exceeded for <30 seconds
18-Dec-17	24-Dec-17	12-Jan-18	7.57	8.14	8.09	-5.7	6.3	1.2	0	689	121	Temperature was exceeded for <10 minutes
25-Dec-17	31-Dec-17	13-Jan-18	8.03	8.40	8.11	-0.6	7.1	3.5	0	641	442	Temperature was exceeded for < 1 minute

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
				100	100	7.0	70	0.5	
18-Jun-14	02-Jul-14	12-Aug-14		5.4	4.8	0.28	17.3	0.28	
25-Jun-14	07-Jul-14	12-Aug-14		4.8	1.6	0.08	10.7	0.03	
02-Jul-14	14-Jul-14	12-Aug-14		4.8	1.8	0.14	13.2	0.06	
09-Jul-14	22-Jul-14	12-Aug-14		10.0	2.0	0.23	14.9	0.05	
16-Jul-14	28-Jul-14	12-Aug-14		6.0	1.6	0.21	13.7	0.02	
23-Jul-14	05-Aug-14	12-Aug-14		2.4	1.2	0.26	16.2	0.01	
30-Jul-14	05-Aug-14	12-Aug-14		7.5	2.6	0.28	11.9	0.06	
06-Aug-14	18-Aug-14	21-Aug-14		9.6	4.4	0.28	16.9	0.02	
13-Aug-14	26-Aug-14	15-Sep-14		4.5	2.6	0.28	15.5	0.03	
20-Aug-14	02-Sep-14	15-Sep-14		5.1	3.8	0.29	12.4	0.02	
03-Sep-14	15-Sep-14	08-Oct-14		16.0	6.0	0.31	18.1	0.01	
17-Sep-14	01-Oct-14	08-Oct-14		6.9	3.3	0.26	16.6	0.03	
24-Sep-14	08-Oct-14	08-Oct-14		4.8	4.3	0.30	18.5	0.02	
01-Oct-14	15-Oct-14	04-Nov-14		7.8	3.2	0.13	16.0	0.02	
08-Oct-14	22-Oct-14	04-Nov-14		6.3	6.8	0.16	18.6	0.00	
15-Oct-14	29-Oct-14	04-Nov-14		1.8	8.6	0.19	13.1	0.04	
22-Oct-14	04-Nov-14	24-Nov-14		3.9	6.4	0.14	11.1	0.02	
29-Oct-14	10-Nov-14	24-Nov-14		13.0	18.0	0.23	13.8	0.02	
05-Nov-14	12-Nov-14	24-Nov-14		1.5	11.0	0.13	17.2	0.01	
12-Nov-14	27-Nov-14	19-Dec-14		3.9	6.4	0.13	12.4	0.00	percentile discharge limits reduced 11/11/14
19-Nov-14	02-Dec-14	19-Dec-14		3.6	7.2	0.09	14.9	0.02	
26-Nov-14	11-Dec-14	19-Dec-14		6.0	17.0	0.10	21.5	0.03	
03-Dec-14	18-Dec-14	19-Dec-14		10.0	7.2	0.08	25.0	0.04	

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
				100	100	7.0	70	0.5	
10-Dec-14	18-Dec-14	19-Dec-14		9.3	26.0	0.16	20.1	0.00	
15-Dec-14	05-Jan-15	06-Feb-15		3.6	18.0	0.18	19.2	0.05	
23-Jan-15	04-Feb-15	06-Feb-15		4.5	5.8	0.14	22.5	0.15	
11-Feb-15	24-Feb-15	09-Mar-15		4.2	5.8	0.19	23.4	0.01	
18-Feb-15	03-Mar-15	09-Mar-15		2.2	5.2	0.13	27.7	0.08	
25-Feb-15	10-Mar-15	08-Apr-15		2.7	6.2	0.29	31.0	0.28	
04-Mar-15	18-Mar-15	08-Apr-15		2.2	5.6	0.13	26.9	0.05	
12-Mar-15	25-Mar-15	08-Apr-15		2.7	10.0	0.15	29.8	0.08	
18-Mar-15	30-Mar-15	08-Apr-15		2.4	6.9	0.19	30.8	0.03	
17-Jun-15	01-Jul-15	07-Jul-15		7.5	4.8	0.15	21.8	0.02	Boiler Shutdown
24-Jun-15	07-Jul-15	07-Jul-15		6.6	2.3	0.16	12.1	0.00	
08-Jul-15	21-Jul-15	10-Aug-15		3.8	3.2	0.09	15.8	0.00	
15-Jul-15	21-Jul-15	10-Aug-15		10.0	4.6	0.08	11.7	0.02	
22-Jul-15	28-Jul-15	10-Aug-15		3.8	3.0	0.10	14.8	0.06	
29-Jul-15	05-Aug-15	10-Aug-15		6.6	3.8	0.09	14.3	0.00	
05-Aug-15	11-Aug-15	08-Sep-15		7.2	6.2	0.11	13.0	0.08	
12-Aug-15	18-Aug-15	08-Sep-15		5.7	6.6	0.13	9.1	0.01	
19-Aug-15	26-Aug-15	08-Sep-15		11.0	5.5	0.17	8.0	0.03	
26-Aug-15	02-Sep-15	08-Sep-15		11.0	6.2	0.21	9.6	0.00	
02-Sep-15	09-Sep-15	12-Oct-15		7.5	6.5	0.22	13.6	0.01	
09-Sep-15	15-Sep-15	12-Oct-15		9.0	16.0	0.41	24.0	0.01	
16-Sep-15	23-Sep-15	12-Oct-15		6.0	8.4	0.26	12.1	0.01	
23-Sep-15	30-Sep-15	12-Oct-15		5.1	6.0	0.21	10.3	0.02	
30-Sep-15	07-Oct-15	12-Oct-15		2.4	5.8	0.21	8.3	0.03	
07-Oct-15	14-Oct-15	13-Nov-15		3.9	13.0	0.34	9.5	0.01	
14-Oct-15	19-Oct-15	13-Nov-15		4.8	22.0	0.36	8.0	0.00	
21-Oct-15	28-Oct-15	13-Nov-15		3.0	4.4	0.18	5.6	0.01	

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
				100	100	7.0	70	0.5	
28-Oct-15	04-Nov-15	13-Nov-15		5.4	17.0	0.35	5.7	0.01	
04-Nov-15	10-Nov-15	13-Nov-15		4.3	14.0	0.19	7.4	0.22	
18-Nov-15	25-Nov-15	15-Dec-15		7.5	14.0	0.36	15.9	0.02	
25-Nov-15	02-Dec-15	15-Dec-15		4.8	32.0	0.33	11.9	0.03	
02-Dec-15	11-Dec-15	20-Jan-16		4.8	16.0	0.20	15.6	0.01	
09-Dec-15	23-Dec-15	20-Jan-16		4.2	14.0	0.26	20.7	0.01	
13-Jan-16	21-Jan-16	23-Feb-16		3.9	32.0	0.34	30.2	0.04	
20-Jan-16	03-Feb-16	23-Feb-16		2.4	14.0	0.16	20.9	0.03	
27-Jan-16	10-Jan-16	23-Feb-16		2.1	8.7	0.16	19.1	0.06	
03-Feb-16	16-Feb-16	23-Feb-16		3.9	16.0	0.18	22.8	0.00	
10-Feb-16	19-Feb-16	23-Feb-16		3.3	6.0	0.14	24.8	0.01	
17-Feb-16	23-Feb-16	23-Feb-16		2.1	6.7	0.16	22.6	0.00	
25-Feb-16	08-Mar-16	31-Mar-16		3.6	5.0	0.16	25.3	0.00	
24-Mar-16	06-Apr-16	29-Apr-16		3.0	10.0	0.44	23.9	0.00	
27-Apr-16	04-May-16	10-Jun-16		2.4	11.0	0.27	25.4	0.06	
04-May-16	17-May-16	10-Jun-16		4.5	7.0	0.33	36.3	0.00	
11-May-16	19-May-16	10-Jun-16		2.7	10.0	0.24	27.0	0.04	
18-May-16	26-May-16	10-Jun-16		2.7	4.3	0.14	20.1	0.00	
26-May-16	07-Jun-16	10-Jun-16		3.3	14.0	0.35	19.2	0.00	
02-Jun-16	14-Jun-16	25-Jul-16		7.8	6.7	0.26	21.8	0.02	
09-Jun-16	21-Jun-16	25-Jul-16		4.8	7.2	0.38	15.6	0.00	
17-Jun-16	28-Jun-16	25-Jul-16		4.8	6.0	0.42	23.2	0.01	
22-Jun-16	05-Jul-16	25-Jul-16		1.8	6.4	0.32	19.9	0.00	

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	90 Percentile Limit	BOD ₅	TSS	Phosphorus	Nitrogen	Total Residual Chlorine	Notes
				(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
			Maximum Limit	30	40	2.5	45	0.3	
				100	100	7.0	70	0.5	
30-Jun-16	12-Jul-16	25-Jul-16		3.3	5.2	0.30	23.2	0.00	
n/a	n/a	19-Aug-16		n/a	n/a	n/a	n/a	n/a	Could not get sample as blow down valve shut because pH of cooling water was too high due to problems with the sulphuric acid dosing pump.
14-Jul-16	27-Jul-16	19-Aug-16		8.4	14.0	0.45	54.9	0.00	
20-Jul-16	27-Jul-16	19-Aug-16		3.9	6.7	0.17	20.5	0.00	
29-Jul-16	11-Aug-16	19-Aug-16		11.0	3.3	0.20	24.5	0.00	
03-Aug-16	11-Aug-16	19-Aug-16		3.6	5.2	0.14	7.3	0.00	
10-Aug-16	17-Aug-16	23-Sep-16		1.5	4.2	0.17	9.6	0.01	
17-Aug-16	24-Aug-16	23-Sep-16		2.7	6.7	0.19	10.3	0.00	
24-Aug-16	31-Aug-16	23-Sep-16		3.9	8.0	0.17	14.8	0.00	
01-Sep-16	14-Sep-16	23-Sep-16		1.8	6.8	0.23	15.7	0.02	
07-Sep-16	20-Aug-16	23-Sep-16		<1	8.7	0.19	17.8	0.00	
15-Sep-16	27-Sep-16	14-Oct-16		4.2	14.0	0.15	11.4	0.00	
22-Sep-16	04-Oct-16	14-Oct-16		4.2	4.0	0.14	15.9	0.00	
29-Sep-16	12-Oct-16	14-Oct-16		3.0	8.6	0.18	16.8	0.00	
06-Oct-16	12-Oct-16	14-Oct-16		7.8	37.0	0.35	10.6	0.00	
13-Oct-16	20-Oct-16	14-Nov-16		3.0	14.0	0.15	18.6	0.00	
20-Oct-16	02-Nov-16	14-Nov-16		2.7	12.0	0.14	8.4	0.00	
27-Oct-16	08-Nov-16	14-Nov-16		3.3	26.0	0.15	8.4	0.00	
02-Nov-16	16-Nov-16	13-Dec-16		3.3	19.0	0.10	11.1	0.00	
09-Nov-16	22-Nov-16	13-Dec-16		4.8	16.0	0.17	12.3	0.03	
16-Nov-16	23-Nov-16	13-Dec-16		5.4	16.0	0.15	6.6	0.03	
23-Nov-16	05-Dec-16	13-Dec-16		2.4	15.0	0.18	5.2	0.00	
30-Nov-16	07-Dec-16	13-Dec-16		1.5	16.0	0.76	6.5	0.04	
08-Dec-16	20-Dec-16	23-Jan-17		2.4	14.0	0.29	6.3	0.00	
14-Dec-16	22-Dec-16	23-Jan-17		2.1	16.0	0.34	5.6	0.00	
22-Dec-16	11-Jan-17	23-Jan-17		1.8	16.0	0.34	12.2	0.00	
28-Dec-16	11-Jan-17	23-Jan-17		6.3	22.0	0.28	11.0	0.00	
04-Jan-17	18-Jan-17	23-Jan-17		2.4	11.0	0.32	14.6	0.00	

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
				100	100	7.0	70	0.5	
12-Jan-17	24-Jan-17	10-Feb-17		5.7	16.0	0.52	13.5	0.40	
20-Jan-17	01-Feb-17	10-Feb-17		6.9	14.0	0.72	19.8	0.00	
25-Jan-17	01-Feb-17	10-Feb-17		2.1	20.0	0.34	23.7	0.10	
02-Feb-17	14-Feb-17	10-Mar-17		2.4	16.0	0.34	22.5	0.00	
09-Feb-17	21-Feb-17	10-Mar-17		2.7	17.0	0.29	21.8	0.02	
15-Feb-17	23-Feb-17	10-Mar-17		2.7	13.0	0.24	16.9	0.00	
23-Feb-17	07-Mar-17	10-Mar-17		1.8	12.0	0.24	22.2	0.01	
01-Mar-17	09-Mar-17	10-Mar-17		<1	8.3	0.21	16.9	0.01	Shut 26/02/17 - 17/03/2017
23-Mar-17	04-Apr-17	13-Apr-17		3.3	9.0	0.41	17.5	0.00	
30-Mar-17	n/a	15-May-17		n/a	n/a	n/a	n/a	n/a	Sample could not be collected and analysed due to flood.
05-Apr-17	19-Apr-17	15-May-17		2.4	28.0	0.36	22.4	0.00	
12-Apr-17	26-Apr-17	15-May-17		6.9	8.5	0.33	25.1	0.00	
20-Apr-17	03-May-17	15-May-17		2.4	6.7	0.17	29.0	0.00	
26-Apr-17	16-May-17	19-Jun-17		4.0	7.0	0.14	25.9	0.02	
04-May-17	18-May-17	19-Jun-17		1.8	12.0	0.29	19.1	0.00	
11-May-17	23-May-17	19-Jun-17		2.7	4.0	0.17	23.4	0.00	
18-May-17	25-May-17	19-Jun-17		1.8	2.5	0.15	19.6	0.00	
24-May-17	30-May-17	19-Jun-17		1.2	3.3	0.22	22.1	0.00	
31-May-17	n/a	12-Sep-17		1.4	5.0	0.16	20.9	0.01	
07-Jun-17	14-Jun-17	12-Sep-17		1.5	7.0	0.17	24.8	0.00	
28-Jun-17	12-Jul-17	12-Sep-17		2.1	20.0	0.32	25.6	0.01	
07-Jul-17	25-Jul-17	12-Sep-17		3.0	5.2	0.12	15.3	0.00	

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	90 Percentile Limit	BOD ₅	TSS	Phosphorus	Nitrogen	Total Residual Chlorine	Notes
				(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
			Maximum Limit	30	40	2.5	45	0.3	
				100	100	7.0	70	0.5	
13-Jul-17	26-Jul-17	12-Sep-17		3.0	5.4	0.23	13.0	0.00	
20-Jul-17	01-Aug-17	12-Sep-17		1.8	10.0	0.12	15.0	0.00	
26-Jul-17	08-Aug-17	12-Sep-17		1.0	1.0	0.11	17.6	0.01	
31-Jul-17	10-Aug-17	12-Sep-17		1.0	5.8	0.13	13.8	0.00	
07-Aug-17	22-Aug-17	12-Sep-17		3.0	7.0	0.10	6.8	0.00	
14-Aug-17	22-Aug-17	12-Sep-17		3.0	8.5	0.13	12.0	0.00	
21-Aug-17	05-Sep-17	12-Sep-17		2.0	5.8	0.14	14.4	0.40	
28-Aug-17	07-Sep-17	12-Sep-17		2.4	4.7	0.14	11.1	0.20	
06-Sep-17	14-Sep-17	12-Oct-17		1.8	8.8	0.12	14.8	0.08	
12-Sep-17	20-Sep-17	12-Oct-17		3.0	6.8	0.14	22.6	0.07	
18-Sep-17	28-Sep-17	12-Oct-17		2.7	17.0	0.13	21.6	0.07	
25-Sep-17	05-Oct-17	12-Oct-17		4.2	34.0	0.19	28.5	0.50	Operators notified
									Stopped immediately.
									Problem with SMBS pump
									was resolved before turning
									bck on.
04-Oct-17	12-Oct-17	12-Oct-17		<1.0	6.3	0.24	25.1	1.41	
10-Oct-17	20-Oct-17	16-Nov-17		3.6	9.2	0.42	26.4	0.11	
16-Oct-17	25-Oct-17	16-Nov-17		2.1	16.0	0.40	8.0	0.06	
23-Oct-17	02-Nov-17	16-Nov-17		1.5	11.0	0.60	24.5	0.21	
30-Oct-17	06-Nov-17	16-Nov-17		3.0	11.0	1.48	18.2	0.02	
08-Nov-17	14-Nov-17	16-Nov-17		3.6	7.0	0.13	3.9	0.02	
13-Nov-17	22-Nov-18	15-Dec-17		<1.0	4.2	0.37	14.2	0.04	
23-Nov-17	01-Dec-17	15-Dec-17		4.2	7.2	0.35	18.1	0.00	
28-Nov-17	05-Dec-17	15-Dec-17		3.0	17.0	0.43	17.2	0.14	
04-Dec-17	14-Dec-18	15-Dec-17		3.0	15.0	0.82	15.3	0.00	
15-Dec-17	22-Dec-18	10-Jan-18		2.4	12.0	0.32	9.9	0.00	
									Plant Shut 18/12/17 -
									22/12/17
27-Dec-17	09-Jan-18	10-Jan-18		2.7	14.0	0.30	19.8	0.05	

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)
Saturday, 19 September 2015	9:01am	Sunday, 20 September 2015	9:00am	1.8	0.2
Sunday, 20 September 2015	9:01am	Monday, 21 September 2015	9:00am	18.4	0.4
Wednesday, 23 September 2015	9:01am	Thursday, 24 September 2015	9:00am	3.2	0.2
Friday, 25 September 2015	9:01am	Saturday, 26 September 2015	9:00am	0.2	0.2
Sunday, 27 September 2015	9:01am	Monday, 28 September 2015	9:00am	0.6	0.2
Tuesday, 29 September 2015	9:01am	Wednesday, 30 September 2015	9:00am	0.2	0.2
Wednesday, 30 September 2015	9:01am	Thursday, 1 October 2015	9:00am	0.2	0.2
Thursday, 1 October 2015	9:01am	Friday, 2 October 2015	9:00am	0.2	0.2
Thursday, 8 October 2015	9:01am	Friday, 9 October 2015	9:00am	16.2	0.2
Friday, 9 October 2015	9:01am	Saturday, 10 October 2015	9:00am	0.2	0.2
Tuesday, 13 October 2015	9:01am	Wednesday, 14 October 2015	9:00am	8.6	0.2
Thursday, 22 October 2015	9:01am	Friday, 23 October 2015	9:00am	7.2	0.8
Monday, 26 October 2015	9:01am	Tuesday, 27 October 2015	9:00am	32.4	2.0
Tuesday, 27 October 2015	9:01am	Wednesday, 28 October 2015	9:00am	2.0	0.2
Wednesday, 28 October 2015	9:01am	Thursday, 29 October 2015	9:00am	7.8	0.2
Thursday, 29 October 2015	9:01am	Friday, 30 October 2015	9:00am	0.2	0.2
Tuesday, 3 November 2015	9:01am	Wednesday, 4 November 2015	9:00am	12.2	0.6
Wednesday, 4 November 2015	9:01am	Thursday, 5 November 2015	9:00am	33.8	0.6
Thursday, 5 November 2015	9:01am	Friday, 6 November 2015	9:00am	7.8	0.2
Sunday, 8 November 2015	9:01am	Monday, 9 November 2015	9:00am	30.4	2.0
Monday, 9 November 2015	9:01am	Tuesday, 10 November 2015	9:00am	1.0	0.2
Saturday, 14 November 2015	9:01am	Sunday, 15 November 2015	9:00am	15.4	1.0
Sunday, 15 November 2015	9:01am	Monday, 16 November 2015	9:00am	1.2	0.4
Saturday, 28 November 2015	9:01am	Sunday, 29 November 2015	9:00am	1.0	0.2
Sunday, 29 November 2015	9:01am	Monday, 30 November 2015	9:00am	35.8	1.4
Tuesday, 1 December 2015	9:01am	Wednesday, 2 December 2015	9:00am	2.8	0.4
Wednesday, 2 December 2015	9:01am	Thursday, 3 December 2015	9:00am	6.8	0.2
Monday, 7 December 2015	9:01am	Tuesday, 8 December 2015	9:00am	0.2	0.2
Wednesday, 9 December 2015	9:01am	Thursday, 10 December 2015	9:00am	16.0	1.2
Thursday, 10 December 2015	9:01am	Friday, 11 December 2015	9:00am	6.0	0.4
Friday, 11 December 2015	9:01am	Saturday, 12 December 2015	9:00am	12.0	0.6
Saturday, 12 December 2015	9:01am	Sunday, 13 December 2015	9:00am	73.0	2.2
Tuesday, 15 December 2015	9:01am	Wednesday, 16 December 2015	9:00am	0.2	0.2
Wednesday, 16 December 2015	9:01am	Thursday, 17 December 2015	9:00am	6.0	0.4
Thursday, 17 December 2015	9:01am	Friday, 18 December 2015	9:00am	2.0	0.4
Thursday, 24 December 2015	9:01am	Friday, 25 December 2015	9:00am	11.0	0.6
Friday, 25 December 2015	9:01am	Saturday, 26 December 2015	9:00am	1.8	0.2
Saturday, 26 December 2015	9:01am	Sunday, 27 December 2015	9:00am	17.0	0.4
Sunday, 27 December 2015	9:01am	Monday, 28 December 2015	9:00am	22.4	1.2
Monday, 28 December 2015	9:01am	Tuesday, 29 December 2015	9:00am	0.6	0.2
Tuesday, 29 December 2015	9:01am	Wednesday, 30 December 2015	9:00am	0.4	0.2
Sunday, 3 January 2016	9:01am	Monday, 4 January 2016	9:00am	32.2	0.4
Monday, 4 January 2016	9:01am	Tuesday, 5 January 2016	9:00am	19.6	0.4
Tuesday, 5 January 2016	9:01am	Wednesday, 6 January 2016	9:00am	9.2	0.2
Friday, 15 January 2016	9:01am	Saturday, 16 January 2016	9:00am	5.0	0.2
Saturday, 16 January 2016	9:01am	Sunday, 17 January 2016	9:00am	1.2	0.2
Sunday, 17 January 2016	9:01am	Monday, 18 January 2016	9:00am	1.2	0.2
Saturday, 23 January 2016	9:01am	Sunday, 24 January 2016	9:00am	6.6	0.8
Tuesday, 26 January 2016	9:01am	Wednesday, 27 January 2016	9:00am	3.2	0.4
Wednesday, 27 January 2016	9:01am	Thursday, 28 January 2016	9:00am	3.0	0.4
Thursday, 28 January 2016	9:01am	Friday, 29 January 2016	9:00am	0.4	0.2
Friday, 29 January 2016	9:01am	Saturday, 30 January 2016	9:00am	44.4	1.4
Saturday, 30 January 2016	9:01am	Sunday, 31 January 2016	9:00am	4.4	0.2
Sunday, 31 January 2016	9:01am	Monday, 1 February 2016	9:00am	5.0	1.0
Tuesday, 2 February 2016	9:01am	Wednesday, 3 February 2016	9:00am	0.4	0.2
Wednesday, 3 February 2016	9:01am	Thursday, 4 February 2016	9:00am	1.8	0.2
Thursday, 4 February 2016	9:01am	Friday, 5 February 2016	9:00am	2.6	0.2
Friday, 5 February 2016	9:01am	Saturday, 6 February 2016	9:00am	11.8	0.4
Saturday, 6 February 2016	9:01am	Sunday, 7 February 2016	9:00am	13.4	0.4
Sunday, 7 February 2016	9:01am	Monday, 8 February 2016	9:00am	1.0	0.2
Wednesday, 10 February 2016	9:01am	Thursday, 11 February 2016	9:00am	1.0	0.2
Thursday, 11 February 2016	9:01am	Friday, 12 February 2016	9:00am	0.6	0.2
Friday, 12 February 2016	9:01am	Saturday, 13 February 2016	9:00am	0.2	0.2
Saturday, 13 February 2016	9:01am	Sunday, 14 February 2016	9:00am	5.2	0.4
Friday, 19 February 2016	9:01am	Saturday, 20 February 2016	9:00am	0.2	0.2
Saturday, 20 February 2016	9:01am	Sunday, 21 February 2016	9:00am	0.2	0.2
Saturday, 27 February 2016	9:01am	Sunday, 28 February 2016	9:00am	7.6	0.2
Sunday, 28 February 2016	9:01am	Monday, 29 February 2016	9:00am	1.0	0.2
Monday, 29 February 2016	9:01am	Tuesday, 1 March 2016	9:00am	76.8	1.2
Tuesday, 1 March 2016	9:01am	Wednesday, 2 March 2016	9:00am	107.4	1.0
Wednesday, 2 March 2016	9:01am	Thursday, 3 March 2016	9:00am	7.0	0.4
Thursday, 3 March 2016	9:01am	Friday, 4 March 2016	9:00am	4.2	0.2

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 GAUGE CONTINUOUS RAINFALL MONITORING

Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Friday, 4 March 2016	9:01am	Saturday, 5 March 2016	9:00am	0.2	0.2
Sunday, 6 March 2016	9:01am	Monday, 7 March 2016	9:00am	6.8	0.4
Monday, 7 March 2016	9:01am	Tuesday, 8 March 2016	9:00am	3.6	0.4
Tuesday, 8 March 2016	9:01am	Wednesday, 9 March 2016	9:00am	6.8	0.2
Wednesday, 9 March 2016	9:01am	Thursday, 10 March 2016	9:00am	0.2	0.2
Thursday, 10 March 2016	9:01am	Friday, 11 March 2016	9:00am	2.4	0.2
Friday, 11 March 2016	9:01am	Saturday, 12 March 2016	9:00am	0.2	0.2
Saturday, 12 March 2016	9:01am	Sunday, 13 March 2016	9:00am	9.6	0.6
Sunday, 13 March 2016	9:01am	Monday, 14 March 2016	9:00am	78.4	1.2
Monday, 14 March 2016	9:01am	Tuesday, 15 March 2016	9:00am	0.2	0.2
Tuesday, 15 March 2016	9:01am	Wednesday, 16 March 2016	9:00am	16.6	0.6
Wednesday, 16 March 2016	9:01am	Thursday, 17 March 2016	9:00am	18.6	0.4
Thursday, 17 March 2016	9:01am	Friday, 18 March 2016	9:00am	1.8	0.2
Friday, 18 March 2016	9:01am	Saturday, 19 March 2016	9:00am	18.0	1.2
Saturday, 19 March 2016	9:01am	Sunday, 20 March 2016	9:00am	0.2	0.2
Sunday, 20 March 2016	9:01am	Monday, 21 March 2016	9:00am	2.0	0.2
Saturday, 26 March 2016	9:01am	Sunday, 27 March 2016	9:00am	10.4	0.4
Sunday, 27 March 2016	9:01am	Monday, 28 March 2016	9:00am	0.6	0.2
Wednesday, 30 March 2016	9:01am	Thursday, 31 March 2016	9:00am	18.2	1.6
Monday, 11 April 2016	9:01am	Tuesday, 12 April 2016	9:00am	0.4	0.2
Tuesday, 12 April 2016	9:01am	Wednesday, 13 April 2016	9:00am	1.8	0.2
Wednesday, 13 April 2016	9:01am	Thursday, 14 April 2016	9:00am	7.6	0.4
Thursday, 14 April 2016	9:01am	Friday, 15 April 2016	9:00am	3.0	0.4
Friday, 15 April 2016	9:01am	Saturday, 16 April 2016	9:00am	6.4	0.6
Wednesday, 20 April 2016	9:01am	Thursday, 21 April 2016	9:00am	0.4	0.2
Saturday, 23 April 2016	9:01am	Sunday, 24 April 2016	9:00am	0.4	0.2
Sunday, 24 April 2016	9:01am	Monday, 25 April 2016	9:00am	0.6	0.2
Monday, 25 April 2016	9:01am	Tuesday, 26 April 2016	9:00am	2.2	0.2
Tuesday, 26 April 2016	9:01am	Wednesday, 27 April 2016	9:00am	6.6	0.6
Wednesday, 27 April 2016	9:01am	Thursday, 28 April 2016	9:00am	4.4	0.2
Friday, 29 April 2016	9:01am	Saturday, 30 April 2016	9:00am	1.8	0.2
Saturday, 30 April 2016	9:01am	Sunday, 1 May 2016	9:00am	6.2	0.4
Sunday, 1 May 2016	9:01am	Monday, 2 May 2016	9:00am	0.0	0.0
Monday, 2 May 2016	9:01am	Tuesday, 3 May 2016	9:00am	7.6	0.2
Tuesday, 3 May 2016	9:01am	Wednesday, 4 May 2016	9:00am	0.0	0.0
Wednesday, 4 May 2016	9:01am	Thursday, 5 May 2016	9:00am	0.0	0.0
Thursday, 5 May 2016	9:01am	Friday, 6 May 2016	9:00am	0.2	0.2
Friday, 6 May 2016	9:01am	Saturday, 7 May 2016	9:00am	0.0	0.0
Saturday, 7 May 2016	9:01am	Sunday, 8 May 2016	9:00am	0.0	0.0
Sunday, 8 May 2016	9:01am	Monday, 9 May 2016	9:00am	0.0	0.0
Monday, 9 May 2016	9:01am	Tuesday, 10 May 2016	9:00am	0.0	0.0
Tuesday, 10 May 2016	9:01am	Wednesday, 11 May 2016	9:00am	0.0	0.0
Wednesday, 11 May 2016	9:01am	Thursday, 12 May 2016	9:00am	0.2	0.2
Thursday, 12 May 2016	9:01am	Friday, 13 May 2016	9:00am	0.0	0.0
Friday, 13 May 2016	9:01am	Saturday, 14 May 2016	9:00am	0.0	0.0
Saturday, 14 May 2016	9:01am	Sunday, 15 May 2016	9:00am	0.2	0.2
Sunday, 15 May 2016	9:01am	Monday, 16 May 2016	9:00am	0.0	0.0
Monday, 16 May 2016	9:01am	Tuesday, 17 May 2016	9:00am	0.0	0.0
Tuesday, 17 May 2016	9:01am	Wednesday, 18 May 2016	9:00am	0.0	0.0
Wednesday, 18 May 2016	9:01am	Thursday, 19 May 2016	9:00am	0.2	0.2
Thursday, 19 May 2016	9:01am	Friday, 20 May 2016	9:00am	0.2	0.2
Friday, 20 May 2016	9:01am	Saturday, 21 May 2016	9:00am	0.0	0.0
Saturday, 21 May 2016	9:01am	Sunday, 22 May 2016	9:00am	0.0	0.0
Sunday, 22 May 2016	9:01am	Monday, 23 May 2016	9:00am	0.0	0.0
Monday, 23 May 2016	9:01am	Tuesday, 24 May 2016	9:00am	0.0	0.0
Tuesday, 24 May 2016	9:01am	Wednesday, 25 May 2016	9:00am	0.0	0.0
Wednesday, 25 May 2016	9:01am	Thursday, 26 May 2016	9:00am	0.0	0.0
Thursday, 26 May 2016	9:01am	Friday, 27 May 2016	9:00am	0.4	0.2
Friday, 27 May 2016	9:01am	Saturday, 28 May 2016	9:00am	0.0	0.0
Saturday, 28 May 2016	9:01am	Sunday, 29 May 2016	9:00am	0.0	0.0
Sunday, 29 May 2016	9:01am	Monday, 30 May 2016	9:00am	0.0	0.0
Monday, 30 May 2016	9:01am	Tuesday, 31 May 2016	9:00am	0.0	0.0
Tuesday, 31 May 2016	9:01am	Wednesday, 1 June 2016	9:00am	0.0	0.0
Wednesday, 1 June 2016	9:01am	Thursday, 2 June 2016	9:00am	1.4	0.2
Thursday, 2 June 2016	9:01am	Friday, 3 June 2016	9:00am	2.8	0.2
Friday, 3 June 2016	9:01am	Saturday, 4 June 2016	9:00am	101.4	0.4
Saturday, 4 June 2016	9:01am	Sunday, 5 June 2016	9:00am	272.0	1.4
Sunday, 5 June 2016	9:01am	Monday, 6 June 2016	9:00am	0.0	0.0
Monday, 6 June 2016	9:01am	Tuesday, 7 June 2016	9:00am	0.0	0.0
Sunday, 5 June 2016	9:01am	Monday, 6 June 2016	9:00am	0.0	0.0
Monday, 6 June 2016	9:01am	Tuesday, 7 June 2016	9:00am	0.0	0.0
Tuesday, 7 June 2016	9:01am	Wednesday, 8 June 2016	9:00am	0.0	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 GAUGE CONTINUOUS RAINFALL MONITORING

Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Wednesday, 8 June 2016	9:01am	Thursday, 9 June 2016	9:00am	0.0	0.0
Thursday, 9 June 2016	9:01am	Friday, 10 June 2016	9:00am	0.0	0.0
Friday, 10 June 2016	9:01am	Saturday, 11 June 2016	9:00am	0.0	0.0
Saturday, 11 June 2016	9:01am	Sunday, 12 June 2016	9:00am	0.0	0.0
Sunday, 12 June 2016	9:01am	Monday, 13 June 2016	9:00am	2.2	0.2
Monday, 13 June 2016	9:01am	Tuesday, 14 June 2016	9:00am	17.0	0.4
Tuesday, 14 June 2016	9:01am	Wednesday, 15 June 2016	9:00am	3.2	0.2
Wednesday, 15 June 2016	9:01am	Thursday, 16 June 2016	9:00am	0.0	0.0
Thursday, 16 June 2016	9:01am	Friday, 17 June 2016	9:00am	0.0	0.0
Friday, 17 June 2016	9:01am	Saturday, 18 June 2016	9:00am	0.0	0.0
Saturday, 18 June 2016	9:01am	Sunday, 19 June 2016	9:00am	9.0	0.2
Sunday, 19 June 2016	9:01am	Monday, 20 June 2016	9:00am	92.6	1.6
Monday, 20 June 2016	9:01am	Tuesday, 21 June 2016	9:00am	0.0	0.0
Tuesday, 21 June 2016	9:01am	Wednesday, 22 June 2016	9:00am	0.0	0.0
Wednesday, 22 June 2016	9:01am	Thursday, 23 June 2016	9:00am	0.0	0.0
Thursday, 23 June 2016	9:01am	Friday, 24 June 2016	9:00am	0.0	0.0
Friday, 24 June 2016	9:01am	Saturday, 25 June 2016	9:00am	0.0	0.0
Saturday, 25 June 2016	9:01am	Sunday, 26 June 2016	9:00am	0.0	0.0
Sunday, 26 June 2016	9:01am	Monday, 27 June 2016	9:00am	0.0	0.0
Monday, 27 June 2016	9:01am	Tuesday, 28 June 2016	9:00am	0.0	0.0
Tuesday, 28 June 2016	9:01am	Wednesday, 29 June 2016	9:00am	0.0	0.0
Wednesday, 29 June 2016	9:01am	Thursday, 30 June 2016	9:00am	0.0	0.0
Thursday, 30 June 2016	9:01am	Friday, 1 July 2016	9:00am	0.0	0.0
Friday, 1 July 2016	9:01am	Saturday, 2 July 2016	9:00am	0.0	0.0
Saturday, 2 July 2016	9:01am	Sunday, 3 July 2016	9:00am	0.0	0.0
Sunday, 3 July 2016	9:01am	Monday, 4 July 2016	9:00am	0.0	0.0
Monday, 4 July 2016	9:01am	Tuesday, 5 July 2016	9:00am	3.4	0.2
Tuesday, 5 July 2016	9:01am	Wednesday, 6 July 2016	9:00am	5.2	0.2
Wednesday, 6 July 2016	9:01am	Thursday, 7 July 2016	9:00am	0.0	0.0
Thursday, 7 July 2016	9:01am	Friday, 8 July 2016	9:00am	0.0	0.0
Friday, 8 July 2016	9:01am	Saturday, 9 July 2016	9:00am	0.0	0.0
Saturday, 9 July 2016	9:01am	Sunday, 10 July 2016	9:00am	0.0	0.0
Sunday, 10 July 2016	9:01am	Monday, 11 July 2016	9:00am	0.0	0.0
Monday, 11 July 2016	9:01am	Tuesday, 12 July 2016	9:00am	0.0	0.0
Tuesday, 12 July 2016	9:01am	Wednesday, 13 July 2016	9:00am	0.0	0.0
Wednesday, 13 July 2016	9:01am	Thursday, 14 July 2016	9:00am	0.0	0.0
Thursday, 14 July 2016	9:01am	Friday, 15 July 2016	9:00am	0.4	0.2
Friday, 15 July 2016	9:01am	Saturday, 16 July 2016	9:00am	0.0	0.0
Saturday, 16 July 2016	9:01am	Sunday, 17 July 2016	9:00am	3.8	0.2
Sunday, 17 July 2016	9:01am	Monday, 18 July 2016	9:00am	0.6	0.2
Monday, 18 July 2016	9:01am	Tuesday, 19 July 2016	9:00am	0.4	0.2
Tuesday, 19 July 2016	9:01am	Wednesday, 20 July 2016	9:00am	0.0	0.0
Wednesday, 20 July 2016	9:01am	Thursday, 21 July 2016	9:00am	0.0	0.0
Thursday, 21 July 2016	9:01am	Friday, 22 July 2016	9:00am	0.0	0.0
Friday, 22 July 2016	9:01am	Saturday, 23 July 2016	9:00am	0.0	0.0
Saturday, 23 July 2016	9:01am	Sunday, 24 July 2016	9:00am	0.0	0.0
Sunday, 24 July 2016	9:01am	Monday, 25 July 2016	9:00am	0.0	0.0
Monday, 25 July 2016	9:01am	Tuesday, 26 July 2016	9:00am	0.0	0.0
Tuesday, 26 July 2016	9:01am	Wednesday, 27 July 2016	9:00am	0.0	0.0
Wednesday, 27 July 2016	9:01am	Thursday, 28 July 2016	9:00am	0.0	0.0
Thursday, 28 July 2016	9:01am	Friday, 29 July 2016	9:00am	0.0	0.0
Friday, 29 July 2016	9:01am	Saturday, 30 July 2016	9:00am	0.0	0.0
Saturday, 30 July 2016	9:01am	Sunday, 31 July 2016	9:00am	0.0	0.0
Sunday, 31 July 2016	9:01am	Monday, 1 August 2016	9:00am	0.0	0.0
Monday, 1 August 2016	9:01am	Tuesday, 2 August 2016	9:00am	0.0	0.0
Tuesday, 2 August 2016	9:01am	Wednesday, 3 August 2016	9:00am	4.4	0.4
Wednesday, 3 August 2016	9:01am	Thursday, 4 August 2016	9:00am	56.0	0.8
Thursday, 4 August 2016	9:01am	Friday, 5 August 2016	9:00am	2.6	0.2
Friday, 5 August 2016	9:01am	Saturday, 6 August 2016	9:00am	0.4	0.2
Saturday, 6 August 2016	9:01am	Sunday, 7 August 2016	9:00am	0.4	0.2
Sunday, 7 August 2016	9:01am	Monday, 8 August 2016	9:00am	0.2	0.2
Monday, 8 August 2016	9:01am	Tuesday, 9 August 2016	9:00am	0.0	0.0
Tuesday, 9 August 2016	9:01am	Wednesday, 10 August 2016	9:00am	0.0	0.0
Wednesday, 10 August 2016	9:01am	Thursday, 11 August 2016	9:00am	0.0	0.0
Thursday, 11 August 2016	9:01am	Friday, 12 August 2016	9:00am	5.6	0.2
Friday, 12 August 2016	9:01am	Saturday, 13 August 2016	9:00am	0.2	0.2
Saturday, 13 August 2016	9:01am	Sunday, 14 August 2016	9:00am	0.0	0.0
Sunday, 14 August 2016	9:01am	Monday, 15 August 2016	9:00am	0.0	0.0
Monday, 15 August 2016	9:01am	Tuesday, 16 August 2016	9:00am	0.0	0.0
Tuesday, 16 August 2016	9:01am	Wednesday, 17 August 2016	9:00am	0.0	0.0
Wednesday, 17 August 2016	9:01am	Thursday, 18 August 2016	9:00am	0.0	0.0
Thursday, 18 August 2016	9:01am	Friday, 19 August 2016	9:00am	0.0	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 GAUGE CONTINUOUS RAINFALL MONITORING

Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Friday, 19 August 2016	9:01am	Saturday, 20 August 2016	9:00am	0.0	0.0
Saturday, 20 August 2016	9:01am	Sunday, 21 August 2016	9:00am	0.0	0.0
Sunday, 21 August 2016	9:01am	Monday, 22 August 2016	9:00am	0.0	0.0
Monday, 22 August 2016	9:01am	Tuesday, 23 August 2016	9:00am	3.6	0.4
Tuesday, 23 August 2016	9:01am	Wednesday, 24 August 2016	9:00am	42.6	0.4
Wednesday, 24 August 2016	9:01am	Thursday, 25 August 2016	9:00am	65.4	0.4
Thursday, 25 August 2016	9:01am	Friday, 26 August 2016	9:00am	0.0	0.0
Friday, 26 August 2016	9:01am	Saturday, 27 August 2016	9:00am	0.0	0.0
Saturday, 27 August 2016	9:01am	Sunday, 28 August 2016	9:00am	0.0	0.0
Sunday, 28 August 2016	9:01am	Monday, 29 August 2016	9:00am	0.0	0.0
Monday, 29 August 2016	9:01am	Tuesday, 30 August 2016	9:00am	0.0	0.0
Tuesday, 30 August 2016	9:01am	Wednesday, 31 August 2016	9:00am	0.0	0.0
Wednesday, 31 August 2016	9:01am	Thursday, 1 September 2016	9:00am	0.0	0.0
Thursday, 1 September 2016	9:01am	Friday, 2 September 2016	9:00am	0.8	0.2
Friday, 2 September 2016	9:01am	Saturday, 3 September 2016	9:00am	0.6	0.2
Saturday, 3 September 2016	9:01am	Sunday, 4 September 2016	9:00am	0.0	0.0
Sunday, 4 September 2016	9:01am	Monday, 5 September 2016	9:00am	0.0	0.0
Monday, 5 September 2016	9:01am	Tuesday, 6 September 2016	9:00am	0.0	0.0
Tuesday, 6 September 2016	9:01am	Wednesday, 7 September 2016	9:00am	0.0	0.0
Wednesday, 7 September 2016	9:01am	Thursday, 8 September 2016	9:00am	0.0	0.0
Thursday, 8 September 2016	9:01am	Friday, 9 September 2016	9:00am	0.0	0.0
Friday, 9 September 2016	9:01am	Saturday, 10 September 2016	9:00am	10.2	0.2
Saturday, 10 September 2016	9:01am	Sunday, 11 September 2016	9:00am	14.4	0.2
Sunday, 11 September 2016	9:01am	Monday, 12 September 2016	9:00am	0.0	0.0
Monday, 12 September 2016	9:01am	Tuesday, 13 September 2016	9:00am	0.0	0.0
Tuesday, 13 September 2016	9:01am	Wednesday, 14 September 2016	9:00am	0.6	0.2
Wednesday, 14 September 2016	9:01am	Thursday, 15 September 2016	9:00am	4.0	0.2
Thursday, 15 September 2016	9:01am	Friday, 16 September 2016	9:00am	5.2	0.2
Friday, 16 September 2016	9:01am	Saturday, 17 September 2016	9:00am	0.0	0.0
Saturday, 17 September 2016	9:01am	Sunday, 18 September 2016	9:00am	4.6	0.6
Sunday, 18 September 2016	9:01am	Monday, 19 September 2016	9:00am	6.8	0.2
Monday, 19 September 2016	9:01am	Tuesday, 20 September 2016	9:00am	0.0	0.0
Tuesday, 20 September 2016	9:01am	Wednesday, 21 September 2016	9:00am	0.0	0.0
Wednesday, 21 September 2016	9:01am	Thursday, 22 September 2016	9:00am	1.6	0.2
Thursday, 22 September 2016	9:01am	Friday, 23 September 2016	9:00am	0.0	0.0
Friday, 23 September 2016	9:01am	Saturday, 24 September 2016	9:00am	0.0	0.0
Saturday, 24 September 2016	9:01am	Sunday, 25 September 2016	9:00am	0.0	0.0
Sunday, 25 September 2016	9:01am	Monday, 26 September 2016	9:00am	0.0	0.0
Monday, 26 September 2016	9:01am	Tuesday, 27 September 2016	9:00am	0.0	0.0
Tuesday, 27 September 2016	9:01am	Wednesday, 28 September 2016	9:00am	0.0	0.0
Wednesday, 28 September 2016	9:01am	Thursday, 29 September 2016	9:00am	0.0	0.0
Thursday, 29 September 2016	9:01am	Friday, 30 September 2016	9:00am	0.0	0.0
Friday, 30 September 2016	9:01am	Saturday, 1 October 2016	9:00am	0.0	0.0
Saturday, 1 October 2016	9:01am	Sunday, 2 October 2016	9:00am	0.0	0.0
Sunday, 2 October 2016	9:01am	Monday, 3 October 2016	9:00am	0.0	0.0
Monday, 3 October 2016	9:01am	Tuesday, 4 October 2016	9:00am	6.0	0.4
Tuesday, 4 October 2016	9:01am	Wednesday, 5 October 2016	9:00am	0.0	0.0
Wednesday, 5 October 2016	9:01am	Thursday, 6 October 2016	9:00am	0.0	0.0
Thursday, 6 October 2016	9:01am	Friday, 7 October 2016	9:00am	0.0	0.0
Friday, 7 October 2016	9:01am	Saturday, 8 October 2016	9:00am	0.0	0.0
Saturday, 8 October 2016	9:01am	Sunday, 9 October 2016	9:00am	0.0	0.0
Sunday, 9 October 2016	9:01am	Monday, 10 October 2016	9:00am	0.0	0.0
Monday, 10 October 2016	9:01am	Tuesday, 11 October 2016	9:00am	0.0	0.0
Tuesday, 11 October 2016	9:01am	Wednesday, 12 October 2016	9:00am	0.0	0.0
Wednesday, 12 October 2016	9:01am	Thursday, 13 October 2016	9:00am	1.2	0.2
Thursday, 13 October 2016	9:01am	Friday, 14 October 2016	9:00am	0.8	0.2
Friday, 14 October 2016	9:01am	Saturday, 15 October 2016	9:00am	0.0	0.0
Saturday, 15 October 2016	9:01am	Sunday, 16 October 2016	9:00am	0.0	0.0
Sunday, 16 October 2016	9:01am	Monday, 17 October 2016	9:00am	0.0	0.0
Monday, 17 October 2016	9:01am	Tuesday, 18 October 2016	9:00am	7.8	0.4
Tuesday, 18 October 2016	9:01am	Wednesday, 19 October 2016	9:00am	0.0	0.0
Wednesday, 19 October 2016	9:01am	Thursday, 20 October 2016	9:00am	0.0	0.0
Thursday, 20 October 2016	9:01am	Friday, 21 October 2016	9:00am	0.0	0.0
Friday, 21 October 2016	9:01am	Saturday, 22 October 2016	9:00am	0.0	0.0
Saturday, 22 October 2016	9:01am	Sunday, 23 October 2016	9:00am	3.6	0.2
Sunday, 23 October 2016	9:01am	Monday, 24 October 2016	9:00am	0.0	0.0
Monday, 24 October 2016	9:01am	Tuesday, 25 October 2016	9:00am	0.0	0.0
Tuesday, 25 October 2016	9:01am	Wednesday, 26 October 2016	9:00am	0.0	0.0
Wednesday, 26 October 2016	9:01am	Thursday, 27 October 2016	9:00am	0.0	0.0
Thursday, 27 October 2016	9:01am	Friday, 28 October 2016	9:00am	0.0	0.0
Friday, 28 October 2016	9:01am	Saturday, 29 October 2016	9:00am	0.6	0.2
Saturday, 29 October 2016	9:01am	Sunday, 30 October 2016	9:00am	0.0	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 GAUGE CONTINUOUS RAINFALL MONITORING

Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Sunday, 30 October 2016	9:01am	Monday, 31 October 2016	9:00am	0.0	0.0
Monday, 31 October 2016	9:01am	Tuesday, 1 November 2016	9:00am	0.0	0.0
Tuesday, 1 November 2016	9:01am	Wednesday, 2 November 2016	9:00am	0.0	0.0
Wednesday, 2 November 2016	9:01am	Thursday, 3 November 2016	9:00am	0.0	0.0
Thursday, 3 November 2016	9:01am	Friday, 4 November 2016	9:00am	0.0	0.0
Friday, 4 November 2016	9:01am	Saturday, 5 November 2016	9:00am	0.0	0.0
Saturday, 5 November 2016	9:01am	Sunday, 6 November 2016	9:00am	0.0	0.0
Sunday, 6 November 2016	9:01am	Monday, 7 November 2016	9:00am	0.0	0.0
Monday, 7 November 2016	9:01am	Tuesday, 8 November 2016	9:00am	0.0	0.0
Tuesday, 8 November 2016	9:01am	Wednesday, 9 November 2016	9:00am	0.0	0.0
Wednesday, 9 November 2016	9:01am	Thursday, 10 November 2016	9:00am	19.4	0.6
Thursday, 10 November 2016	9:01am	Friday, 11 November 2016	9:00am	28.8	1.0
Friday, 11 November 2016	9:01am	Saturday, 12 November 2016	9:00am	0.2	0.2
Saturday, 12 November 2016	9:01am	Sunday, 13 November 2016	9:00am	21.0	0.6
Sunday, 13 November 2016	9:01am	Monday, 14 November 2016	9:00am	0.0	0.0
Monday, 14 November 2016	9:01am	Tuesday, 15 November 2016	9:00am	0.0	0.0
Tuesday, 15 November 2016	9:01am	Wednesday, 16 November 2016	9:00am	0.0	0.0
Wednesday, 16 November 2016	9:01am	Thursday, 17 November 2016	9:00am	0.0	0.0
Thursday, 17 November 2016	9:01am	Friday, 18 November 2016	9:00am	1.0	0.2
Friday, 18 November 2016	9:01am	Saturday, 19 November 2016	9:00am	0.0	0.0
Saturday, 19 November 2016	9:01am	Sunday, 20 November 2016	9:00am	0.0	0.0
Sunday, 20 November 2016	9:01am	Monday, 21 November 2016	9:00am	0.0	0.0
Monday, 21 November 2016	9:01am	Tuesday, 22 November 2016	9:00am	0.0	0.0
Tuesday, 22 November 2016	9:01am	Wednesday, 23 November 2016	9:00am	0.0	0.0
Wednesday, 23 November 2016	9:01am	Thursday, 24 November 2016	9:00am	0.0	0.0
Thursday, 24 November 2016	9:01am	Friday, 25 November 2016	9:00am	0.0	0.0
Friday, 25 November 2016	9:01am	Saturday, 26 November 2016	9:00am	0.0	0.0
Saturday, 26 November 2016	9:01am	Sunday, 27 November 2016	9:00am	0.0	0.0
Sunday, 27 November 2016	9:01am	Monday, 28 November 2016	9:00am	0.0	0.0
Monday, 28 November 2016	9:01am	Tuesday, 29 November 2016	9:00am	3.8	0.2
Tuesday, 29 November 2016	9:01am	Wednesday, 30 November 2016	9:00am	0.0	0.0
Wednesday, 30 November 2016	9:01am	Thursday, 1 December 2016	9:00am	1.0	0.2
Thursday, 1 December 2016	9:01am	Friday, 2 December 2016	9:00am	2.8	0.2
Friday, 2 December 2016	9:01am	Saturday, 3 December 2016	9:00am	0.0	0.0
Saturday, 3 December 2016	9:01am	Sunday, 4 December 2016	9:00am	6.0	0.4
Sunday, 4 December 2016	9:01am	Monday, 5 December 2016	9:00am	0.0	0.0
Monday, 5 December 2016	9:01am	Tuesday, 6 December 2016	9:00am	23.0	0.6
Tuesday, 6 December 2016	9:01am	Wednesday, 7 December 2016	9:00am	18.8	1.0
Wednesday, 7 December 2016	9:01am	Thursday, 8 December 2016	9:00am	7.4	0.2
Thursday, 8 December 2016	9:01am	Friday, 9 December 2016	9:00am	0.0	0.0
Friday, 9 December 2016	9:01am	Saturday, 10 December 2016	9:00am	0.0	0.0
Saturday, 10 December 2016	9:01am	Sunday, 11 December 2016	9:00am	0.0	0.0
Sunday, 11 December 2016	9:01am	Monday, 12 December 2016	9:00am	0.0	0.0
Monday, 12 December 2016	9:01am	Tuesday, 13 December 2016	9:00am	0.0	0.0
Tuesday, 13 December 2016	9:01am	Wednesday, 14 December 2016	9:00am	0.0	0.0
Wednesday, 14 December 2016	9:01am	Thursday, 15 December 2016	9:00am	0.0	0.0
Thursday, 15 December 2016	9:01am	Friday, 16 December 2016	9:00am	0.0	0.0
Friday, 16 December 2016	9:01am	Saturday, 17 December 2016	9:00am	0.0	0.0
Saturday, 17 December 2016	9:01am	Sunday, 18 December 2016	9:00am	16.4	0.4
Sunday, 18 December 2016	9:01am	Monday, 19 December 2016	9:00am	0.0	0.0
Monday, 19 December 2016	9:01am	Tuesday, 20 December 2016	9:00am	0.0	0.0
Tuesday, 20 December 2016	9:01am	Wednesday, 21 December 2016	9:00am	0.0	0.0
Wednesday, 21 December 2016	9:01am	Thursday, 22 December 2016	9:00am	0.0	0.0
Thursday, 22 December 2016	9:01am	Friday, 23 December 2016	9:00am	0.0	0.0
Friday, 23 December 2016	9:01am	Saturday, 24 December 2016	9:00am	0.0	0.0
Saturday, 24 December 2016	9:01am	Sunday, 25 December 2016	9:00am	0.0	0.0
Sunday, 25 December 2016	9:01am	Monday, 26 December 2016	9:00am	5.2	0.2
Monday, 26 December 2016	9:01am	Tuesday, 27 December 2016	9:00am	5.4	0.2
Tuesday, 27 December 2016	9:01am	Wednesday, 28 December 2016	9:00am	0.4	0.2
Wednesday, 28 December 2016	9:01am	Thursday, 29 December 2016	9:00am	0.0	0.0
Thursday, 29 December 2016	9:01am	Friday, 30 December 2016	9:00am	0.0	0.0
Friday, 30 December 2016	9:01am	Saturday, 31 December 2016	9:00am	0.0	0.0
Saturday, 31 December 2016	9:01am	Sunday, 1 January 2017	9:00am	0.0	0.0
Sunday, 1 January 2017	9:01am	Monday, 2 January 2017	9:00am	0.0	0.0
Monday, 2 January 2017	9:01am	Tuesday, 3 January 2017	9:00am	45.2	0.4
Tuesday, 3 January 2017	9:01am	Wednesday, 4 January 2017	9:00am	1.2	0.2
Wednesday, 4 January 2017	9:01am	Thursday, 5 January 2017	9:00am	0.4	0.2
Thursday, 5 January 2017	9:01am	Friday, 6 January 2017	9:00am	3.8	0.2
Friday, 6 January 2017	9:01am	Saturday, 7 January 2017	9:00am	19.8	0.2
Saturday, 7 January 2017	9:01am	Sunday, 8 January 2017	9:00am	1.4	0.2
Sunday, 8 January 2017	9:01am	Monday, 9 January 2017	9:00am	0.0	0.0
Monday, 9 January 2017	9:01am	Tuesday, 10 January 2017	9:00am	0.0	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 GAUGE CONTINUOUS RAINFALL MONITORING

Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Tuesday, 10 January 2017	9:01am	Wednesday, 11 January 2017	9:00am	0.0	0.0
Wednesday, 11 January 2017	9:01am	Thursday, 12 January 2017	9:00am	0.0	0.0
Thursday, 12 January 2017	9:01am	Friday, 13 January 2017	9:00am	0.8	0.2
Friday, 13 January 2017	9:01am	Saturday, 14 January 2017	9:00am	0.0	0.0
Saturday, 14 January 2017	9:01am	Sunday, 15 January 2017	9:00am	42.4	1.0
Sunday, 15 January 2017	9:01am	Monday, 16 January 2017	9:00am	2.0	0.2
Monday, 16 January 2017	9:01am	Tuesday, 17 January 2017	9:00am	0.0	0.0
Tuesday, 17 January 2017	9:01am	Wednesday, 18 January 2017	9:00am	0.0	0.0
Wednesday, 18 January 2017	9:01am	Thursday, 19 January 2017	9:00am	0.0	0.0
Thursday, 19 January 2017	9:01am	Friday, 20 January 2017	9:00am	0.0	0.0
Friday, 20 January 2017	9:01am	Saturday, 21 January 2017	9:00am	10.8	0.2
Saturday, 21 January 2017	9:01am	Sunday, 22 January 2017	9:00am	0.0	0.0
Sunday, 22 January 2017	9:01am	Monday, 23 January 2017	9:00am	0.0	0.0
Monday, 23 January 2017	9:01am	Tuesday, 24 January 2017	9:00am	0.0	0.0
Tuesday, 24 January 2017	9:01am	Wednesday, 25 January 2017	9:00am	0.0	0.0
Wednesday, 25 January 2017	9:01am	Thursday, 26 January 2017	9:00am	0.0	0.0
Thursday, 26 January 2017	9:01am	Friday, 27 January 2017	9:00am	14.6	0.4
Friday, 27 January 2017	9:01am	Saturday, 28 January 2017	9:00am	35.6	0.6
Saturday, 28 January 2017	9:01am	Sunday, 29 January 2017	9:00am	2.0	0.2
Sunday, 29 January 2017	9:01am	Monday, 30 January 2017	9:00am	0.2	0.2
Monday, 30 January 2017	9:01am	Tuesday, 31 January 2017	9:00am	0.0	0.0
Tuesday, 31 January 2017	9:01am	Wednesday, 1 February 2017	9:00am	0.0	0.0
Wednesday, 1 February 2017	9:01am	Thursday, 2 February 2017	9:00am	0.0	0.0
Thursday, 2 February 2017	9:01am	Friday, 3 February 2017	9:00am	0.0	0.0
Friday, 3 February 2017	9:01am	Saturday, 4 February 2017	9:00am	0.0	0.0
Saturday, 4 February 2017	9:01am	Sunday, 5 February 2017	9:00am	0.0	0.0
Sunday, 5 February 2017	9:01am	Monday, 6 February 2017	9:00am	0.0	0.0
Monday, 6 February 2017	9:01am	Tuesday, 7 February 2017	9:00am	0.0	0.0
Tuesday, 7 February 2017	9:01am	Wednesday, 8 February 2017	9:00am	1.8	0.2
Wednesday, 8 February 2017	9:01am	Thursday, 9 February 2017	9:00am	9.2	0.2
Thursday, 9 February 2017	9:01am	Friday, 10 February 2017	9:00am	3.0	0.2
Friday, 10 February 2017	9:01am	Saturday, 11 February 2017	9:00am	0.0	0.0
Saturday, 11 February 2017	9:01am	Sunday, 12 February 2017	9:00am	0.0	0.0
Sunday, 12 February 2017	9:01am	Monday, 13 February 2017	9:00am	0.0	0.0
Monday, 13 February 2017	9:01am	Tuesday, 14 February 2017	9:00am	11.6	0.4
Tuesday, 14 February 2017	9:01am	Wednesday, 15 February 2017	9:00am	0.0	0.0
Wednesday, 15 February 2017	9:01am	Thursday, 16 February 2017	9:00am	0.0	0.0
Thursday, 16 February 2017	9:01am	Friday, 17 February 2017	9:00am	0.0	0.0
Friday, 17 February 2017	9:01am	Saturday, 18 February 2017	9:00am	0.0	0.0
Saturday, 18 February 2017	9:01am	Sunday, 19 February 2017	9:00am	0.0	0.0
Sunday, 19 February 2017	9:01am	Monday, 20 February 2017	9:00am	3.0	0.2
Monday, 20 February 2017	9:01am	Tuesday, 21 February 2017	9:00am	0.0	0.0
Tuesday, 21 February 2017	9:01am	Wednesday, 22 February 2017	9:00am	0.4	0.2
Wednesday, 22 February 2017	9:01am	Thursday, 23 February 2017	9:00am	0.0	0.0
Thursday, 23 February 2017	9:01am	Friday, 24 February 2017	9:00am	0.0	0.0
Friday, 24 February 2017	9:01am	Saturday, 25 February 2017	9:00am	0.0	0.0
Saturday, 25 February 2017	9:01am	Sunday, 26 February 2017	9:00am	0.0	0.0
Sunday, 26 February 2017	9:01am	Monday, 27 February 2017	9:00am	4.6	0.2
Monday, 27 February 2017	9:01am	Tuesday, 28 February 2017	9:00am	19.0	0.2
Tuesday, 28 February 2017	9:01am	Wednesday, 1 March 2017	9:00am	1.8	0.2
Wednesday, 1 March 2017	9:01am	Thursday, 2 March 2017	9:00am	1.4	0.2
Thursday, 2 March 2017	9:01am	Friday, 3 March 2017	9:00am	0.2	0.2
Friday, 3 March 2017	9:01am	Saturday, 4 March 2017	9:00am	1.0	0.2
Saturday, 4 March 2017	9:01am	Sunday, 5 March 2017	9:00am	1.6	0.2
Sunday, 5 March 2017	9:01am	Monday, 6 March 2017	9:00am	10.2	0.4
Monday, 6 March 2017	9:01am	Tuesday, 7 March 2017	9:00am	0.0	0.0
Tuesday, 7 March 2017	9:01am	Wednesday, 8 March 2017	9:00am	0.0	0.0
Wednesday, 8 March 2017	9:01am	Thursday, 9 March 2017	9:00am	0.0	0.0
Thursday, 9 March 2017	9:01am	Friday, 10 March 2017	9:00am	0.0	0.0
Friday, 10 March 2017	9:01am	Saturday, 11 March 2017	9:00am	0.0	0.0
Saturday, 11 March 2017	9:01am	Sunday, 12 March 2017	9:00am	0.0	0.0
Sunday, 12 March 2017	9:01am	Monday, 13 March 2017	9:00am	0.0	0.0
Monday, 13 March 2017	9:01am	Tuesday, 14 March 2017	9:00am	12.6	0.2
Tuesday, 14 March 2017	9:01am	Wednesday, 15 March 2017	9:00am	104.2	1.4
Wednesday, 15 March 2017	9:01am	Thursday, 16 March 2017	9:00am	126.0	1.0
Thursday, 16 March 2017	9:01am	Friday, 17 March 2017	9:00am	0.0	0.0
Friday, 17 March 2017	9:01am	Saturday, 18 March 2017	9:00am	4.8	0.2
Saturday, 18 March 2017	9:01am	Sunday, 19 March 2017	9:00am	28.2	0.4
Sunday, 19 March 2017	9:01am	Monday, 20 March 2017	9:00am	37.8	0.4
Monday, 20 March 2017	9:01am	Tuesday, 21 March 2017	9:00am	34.0	0.2
Tuesday, 21 March 2017	9:01am	Wednesday, 22 March 2017	9:00am	11.2	0.4
Wednesday, 22 March 2017	9:01am	Thursday, 23 March 2017	9:00am	4.8	0.2

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 GAUGE CONTINUOUS RAINFALL MONITORING

Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Thursday, 23 March 2017	9:01am	Friday, 24 March 2017	9:00am	18.0	0.4
Friday, 24 March 2017	9:01am	Saturday, 25 March 2017	9:00am	3.6	0.2
Saturday, 25 March 2017	9:01am	Sunday, 26 March 2017	9:00am	0.0	0.0
Sunday, 26 March 2017	9:01am	Monday, 27 March 2017	9:00am	0.0	0.0
Monday, 27 March 2017	9:01am	Tuesday, 28 March 2017	9:00am	0.0	0.0
Tuesday, 28 March 2017	9:01am	Wednesday, 29 March 2017	9:00am	0.0	0.0
Wednesday, 29 March 2017	9:01am	Thursday, 30 March 2017	9:00am	106.0	0.8
Thursday, 30 March 2017	9:01am	Friday, 31 March 2017	9:00am	346.8	1.2
Friday, 31 March 2017	9:01am	Saturday, 1 April 2017	9:00am	0.0	0.0
Saturday, 1 April 2017	9:01am	Sunday, 2 April 2017	9:00am	0.0	0.0
Sunday, 2 April 2017	9:01am	Monday, 3 April 2017	9:00am	0.0	0.0
Monday, 3 April 2017	9:01am	Tuesday, 4 April 2017	9:00am	1.6	0.2
Tuesday, 4 April 2017	9:01am	Wednesday, 5 April 2017	9:00am	2.8	0.2
Wednesday, 5 April 2017	9:01am	Thursday, 6 April 2017	9:00am	5.0	0.2
Thursday, 6 April 2017	9:01am	Friday, 7 April 2017	9:00am	10.4	0.4
Friday, 7 April 2017	9:01am	Saturday, 8 April 2017	9:00am	2.2	0.2
Saturday, 8 April 2017	9:01am	Sunday, 9 April 2017	9:00am	0.2	0.2
Sunday, 9 April 2017	9:01am	Monday, 10 April 2017	9:00am	0.2	0.2
Monday, 10 April 2017	9:01am	Tuesday, 11 April 2017	9:00am	0.0	0.0
Tuesday, 11 April 2017	9:01am	Wednesday, 12 April 2017	9:00am	0.0	0.0
Wednesday, 12 April 2017	9:01am	Thursday, 13 April 2017	9:00am	0.4	0.2
Thursday, 13 April 2017	9:01am	Friday, 14 April 2017	9:00am	0.0	0.0
Friday, 14 April 2017	9:01am	Saturday, 15 April 2017	9:00am	0.0	0.0
Saturday, 15 April 2017	9:01am	Sunday, 16 April 2017	9:00am	0.0	0.0
Sunday, 16 April 2017	9:01am	Monday, 17 April 2017	9:00am	0.0	0.0
Monday, 17 April 2017	9:01am	Tuesday, 18 April 2017	9:00am	0.0	0.0
Tuesday, 18 April 2017	9:01am	Wednesday, 19 April 2017	9:00am	0.0	0.0
Wednesday, 19 April 2017	9:01am	Thursday, 20 April 2017	9:00am	0.6	0.2
Thursday, 20 April 2017	9:01am	Friday, 21 April 2017	9:00am	0.6	0.2
Friday, 21 April 2017	9:01am	Saturday, 22 April 2017	9:00am	6.0	0.2
Saturday, 22 April 2017	9:01am	Sunday, 23 April 2017	9:00am	0.0	0.0
Sunday, 23 April 2017	9:01am	Monday, 24 April 2017	9:00am	0.0	0.0
Monday, 24 April 2017	9:01am	Tuesday, 25 April 2017	9:00am	0.2	0.2
Tuesday, 25 April 2017	9:01am	Wednesday, 26 April 2017	9:00am	0.0	0.0
Wednesday, 26 April 2017	9:01am	Thursday, 27 April 2017	9:00am	0.2	0.2
Thursday, 27 April 2017	9:01am	Friday, 28 April 2017	9:00am	0.0	0.0
Friday, 28 April 2017	9:01am	Saturday, 29 April 2017	9:00am	0.6	0.2
Saturday, 29 April 2017	9:01am	Sunday, 30 April 2017	9:00am	0.0	0.0
Sunday, 30 April 2017	9:01am	Monday, 1 May 2017	9:00am	0.0	0.0
Monday, 1 May 2017	9:01am	Tuesday, 2 May 2017	9:00am	0.0	0.0
Tuesday, 2 May 2017	9:01am	Wednesday, 3 May 2017	9:00am	0.0	0.0
Wednesday, 3 May 2017	9:01am	Thursday, 4 May 2017	9:00am	1.2	0.2
Thursday, 4 May 2017	9:01am	Friday, 5 May 2017	9:00am	0.6	0.2
Friday, 5 May 2017	9:01am	Saturday, 6 May 2017	9:00am	1.4	0.2
Saturday, 6 May 2017	9:01am	Sunday, 7 May 2017	9:00am	0.0	0.0
Sunday, 7 May 2017	9:01am	Monday, 8 May 2017	9:00am	1.2	0.2
Monday, 8 May 2017	9:01am	Tuesday, 9 May 2017	9:00am	14.0	0.4
Tuesday, 9 May 2017	9:01am	Wednesday, 10 May 2017	9:00am	0.0	0.0
Wednesday, 10 May 2017	9:01am	Thursday, 11 May 2017	9:00am	0.2	0.2
Thursday, 11 May 2017	9:01am	Friday, 12 May 2017	9:00am	0.0	0.0
Friday, 12 May 2017	9:01am	Saturday, 13 May 2017	9:00am	1.6	0.2
Saturday, 13 May 2017	9:01am	Sunday, 14 May 2017	9:00am	6.6	0.2
Sunday, 14 May 2017	9:01am	Monday, 15 May 2017	9:00am	2.6	0.2
Monday, 15 May 2017	9:01am	Tuesday, 16 May 2017	9:00am	0.2	0.2
Tuesday, 16 May 2017	9:01am	Wednesday, 17 May 2017	9:00am	0.0	0.0
Wednesday, 17 May 2017	9:01am	Thursday, 18 May 2017	9:00am	0.0	0.0
Thursday, 18 May 2017	9:01am	Friday, 19 May 2017	9:00am	17.4	0.4
Friday, 19 May 2017	9:01am	Saturday, 20 May 2017	9:00am	8.2	0.2
Saturday, 20 May 2017	9:01am	Sunday, 21 May 2017	9:00am	0.0	0.0
Sunday, 21 May 2017	9:01am	Monday, 22 May 2017	9:00am	0.2	0.2
Monday, 22 May 2017	9:01am	Tuesday, 23 May 2017	9:00am	0.0	0.0
Tuesday, 23 May 2017	9:01am	Wednesday, 24 May 2017	9:00am	0.0	0.0
Wednesday, 24 May 2017	9:01am	Thursday, 25 May 2017	9:00am	0.2	0.2
Thursday, 25 May 2017	9:01am	Friday, 26 May 2017	9:00am	0.0	0.0
Friday, 26 May 2017	9:01am	Saturday, 27 May 2017	9:00am	0.0	0.0
Saturday, 27 May 2017	9:01am	Sunday, 28 May 2017	9:00am	0.2	0.2
Sunday, 28 May 2017	9:01am	Monday, 29 May 2017	9:00am	0.0	0.0
Monday, 29 May 2017	9:01am	Tuesday, 30 May 2017	9:00am	0.0	0.0
Tuesday, 30 May 2017	9:01am	Wednesday, 31 May 2017	9:00am	0.0	0.0
Wednesday, 31 May 2017	9:01am	Thursday, 1 June 2017	9:00am	0.0	0.0
Thursday, 1 June 2017	9:01am	Friday, 2 June 2017	9:00am	0.0	0.0
Friday, 2 June 2017	9:01am	Saturday, 3 June 2017	9:00am	0.0	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 GAUGE CONTINUOUS RAINFALL MONITORING

Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Saturday, 3 June 2017	9:01am	Sunday, 4 June 2017	9:00am	0.0	0.0
Sunday, 4 June 2017	9:01am	Monday, 5 June 2017	9:00am	0.0	0.0
Monday, 5 June 2017	9:01am	Tuesday, 6 June 2017	9:00am	0.0	0.0
Tuesday, 6 June 2017	9:01am	Wednesday, 7 June 2017	9:00am	0.0	0.0
Wednesday, 7 June 2017	9:01am	Thursday, 8 June 2017	9:00am	0.0	0.0
Thursday, 8 June 2017	9:01am	Friday, 9 June 2017	9:00am	0.0	0.0
Friday, 9 June 2017	9:01am	Saturday, 10 June 2017	9:00am	0.0	0.0
Saturday, 10 June 2017	9:01am	Sunday, 11 June 2017	9:00am	11.2	0.2
Sunday, 11 June 2017	9:01am	Monday, 12 June 2017	9:00am	57.2	0.2
Monday, 12 June 2017	9:01am	Tuesday, 13 June 2017	9:00am	12.6	0.2
Tuesday, 13 June 2017	9:01am	Wednesday, 14 June 2017	9:00am	48.2	0.2
Wednesday, 14 June 2017	9:01am	Thursday, 15 June 2017	9:00am	6.6	0.2
Thursday, 15 June 2017	9:01am	Friday, 16 June 2017	9:00am	3.6	0.2
Friday, 16 June 2017	9:01am	Saturday, 17 June 2017	9:00am	2.8	0.2
Saturday, 17 June 2017	9:01am	Sunday, 18 June 2017	9:00am	3.4	0.2
Sunday, 18 June 2017	9:01am	Monday, 19 June 2017	9:00am	3.0	0.2
Monday, 19 June 2017	9:01am	Tuesday, 20 June 2017	9:00am	1.8	0.2
Tuesday, 20 June 2017	9:01am	Wednesday, 21 June 2017	9:00am	0.0	0.0
Wednesday, 21 June 2017	9:01am	Thursday, 22 June 2017	9:00am	0.0	0.0
Thursday, 22 June 2017	9:01am	Friday, 23 June 2017	9:00am	0.0	0.0
Friday, 23 June 2017	9:01am	Saturday, 24 June 2017	9:00am	0.0	0.0
Saturday, 24 June 2017	9:01am	Sunday, 25 June 2017	9:00am	0.0	0.0
Sunday, 25 June 2017	9:01am	Monday, 26 June 2017	9:00am	0.0	0.0
Monday, 26 June 2017	9:01am	Tuesday, 27 June 2017	9:00am	0.0	0.0
Tuesday, 27 June 2017	9:01am	Wednesday, 28 June 2017	9:00am	0.0	0.0
Wednesday, 28 June 2017	9:01am	Thursday, 29 June 2017	9:00am	0.0	0.0
Thursday, 29 June 2017	9:01am	Friday, 30 June 2017	9:00am	20.8	0.4
Friday, 30 June 2017	9:01am	Saturday, 1 July 2017	9:00am	0.0	0.0
Saturday, 1 July 2017	9:01am	Sunday, 2 July 2017	9:00am	0.0	0.0
Sunday, 2 July 2017	9:01am	Monday, 3 July 2017	9:00am	0.0	0.0
Monday, 3 July 2017	9:01am	Tuesday, 4 July 2017	9:00am	0.0	0.0
Tuesday, 4 July 2017	9:01am	Wednesday, 5 July 2017	9:00am	0.0	0.0
Wednesday, 5 July 2017	9:01am	Thursday, 6 July 2017	9:00am	0.0	0.0
Thursday, 6 July 2017	9:01am	Friday, 7 July 2017	9:00am	2.6	0.2
Friday, 7 July 2017	9:01am	Saturday, 8 July 2017	9:00am	2.4	0.2
Saturday, 8 July 2017	9:01am	Sunday, 9 July 2017	9:00am	0.0	0.0
Sunday, 9 July 2017	9:01am	Monday, 10 July 2017	9:00am	0.0	0.0
Monday, 10 July 2017	9:01am	Tuesday, 11 July 2017	9:00am	0.2	0.2
Tuesday, 11 July 2017	9:01am	Wednesday, 12 July 2017	9:00am	0.0	0.0
Wednesday, 12 July 2017	9:01am	Thursday, 13 July 2017	9:00am	0.0	0.0
Thursday, 13 July 2017	9:01am	Friday, 14 July 2017	9:00am	0.0	0.0
Friday, 14 July 2017	9:01am	Saturday, 15 July 2017	9:00am	0.8	0.8
Saturday, 15 July 2017	9:01am	Sunday, 16 July 2017	9:00am	8.6	0.4
Sunday, 16 July 2017	9:01am	Monday, 17 July 2017	9:00am	0.2	0.2
Monday, 17 July 2017	9:01am	Tuesday, 18 July 2017	9:00am	0.0	0.0
Tuesday, 18 July 2017	9:01am	Wednesday, 19 July 2017	9:00am	8.8	0.4
Wednesday, 19 July 2017	9:01am	Thursday, 20 July 2017	9:00am	0.2	0.2
Thursday, 20 July 2017	9:01am	Friday, 21 July 2017	9:00am	0.0	0.0
Friday, 21 July 2017	9:01am	Saturday, 22 July 2017	9:00am	0.0	0.0
Saturday, 22 July 2017	9:01am	Sunday, 23 July 2017	9:00am	0.0	0.0
Sunday, 23 July 2017	9:01am	Monday, 24 July 2017	9:00am	0.0	0.0
Monday, 24 July 2017	9:01am	Tuesday, 25 July 2017	9:00am	0.0	0.0
Tuesday, 25 July 2017	9:01am	Wednesday, 26 July 2017	9:00am	0.0	0.0
Wednesday, 26 July 2017	9:01am	Thursday, 27 July 2017	9:00am	0.0	0.0
Thursday, 27 July 2017	9:01am	Friday, 28 July 2017	9:00am	0.0	0.0
Friday, 28 July 2017	9:01am	Saturday, 29 July 2017	9:00am	0.0	0.0
Saturday, 29 July 2017	9:01am	Sunday, 30 July 2017	9:00am	0.0	0.0
Sunday, 30 July 2017	9:01am	Monday, 31 July 2017	9:00am	0.0	0.0
Monday, 31 July 2017	9:01am	Tuesday, 1 August 2017	9:00am	0.0	0.0
Tuesday, 1 August 2017	9:01am	Wednesday, 2 August 2017	9:00am	0.0	0.0
Wednesday, 2 August 2017	9:01am	Thursday, 3 August 2017	9:00am	0.0	0.0
Thursday, 3 August 2017	9:01am	Friday, 4 August 2017	9:00am	0.0	0.0
Friday, 4 August 2017	9:01am	Saturday, 5 August 2017	9:00am	0.0	0.0
Saturday, 5 August 2017	9:01am	Sunday, 6 August 2017	9:00am	0.0	0.0
Sunday, 6 August 2017	9:01am	Monday, 7 August 2017	9:00am	0.0	0.0
Monday, 7 August 2017	9:01am	Tuesday, 8 August 2017	9:00am	0.0	0.0
Tuesday, 8 August 2017	9:01am	Wednesday, 9 August 2017	9:00am	0.0	0.0
Wednesday, 9 August 2017	9:01am	Thursday, 10 August 2017	9:00am	0.0	0.0
Thursday, 10 August 2017	9:01am	Friday, 11 August 2017	9:00am	0.0	0.0
Friday, 11 August 2017	9:01am	Saturday, 12 August 2017	9:00am	0.0	0.0
Saturday, 12 August 2017	9:01am	Sunday, 13 August 2017	9:00am	0.0	0.0
Sunday, 13 August 2017	9:01am	Monday, 14 August 2017	9:00am	0.0	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 GAUGE CONTINUOUS RAINFALL MONITORING**

Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Monday, 14 August 2017	9:01am	Tuesday, 15 August 2017	9:00am	0.0	0.0
Tuesday, 15 August 2017	9:01am	Wednesday, 16 August 2017	9:00am	0.0	0.0
Wednesday, 16 August 2017	9:01am	Thursday, 17 August 2017	9:00am	0.0	0.0
Thursday, 17 August 2017	9:01am	Friday, 18 August 2017	9:00am	0.0	0.0
Friday, 18 August 2017	9:01am	Saturday, 19 August 2017	9:00am	0.0	0.0
Saturday, 19 August 2017	9:01am	Sunday, 20 August 2017	9:00am	0.0	0.0
Sunday, 20 August 2017	9:01am	Monday, 21 August 2017	9:00am	0.0	0.0
Monday, 21 August 2017	9:01am	Tuesday, 22 August 2017	9:00am	0.0	0.0
Tuesday, 22 August 2017	9:01am	Wednesday, 23 August 2017	9:00am	0.0	0.0
Wednesday, 23 August 2017	9:01am	Thursday, 24 August 2017	9:00am	0.0	0.0
Thursday, 24 August 2017	9:01am	Friday, 25 August 2017	9:00am	7.4	0.4
Friday, 25 August 2017	9:01am	Saturday, 26 August 2017	9:00am	0.0	0.0
Saturday, 26 August 2017	9:01am	Sunday, 27 August 2017	9:00am	0.0	0.0
Sunday, 27 August 2017	9:01am	Monday, 28 August 2017	9:00am	0.0	0.0
Monday, 28 August 2017	9:01am	Tuesday, 29 August 2017	9:00am	0.0	0.0
Tuesday, 29 August 2017	9:01am	Wednesday, 30 August 2017	9:00am	0.0	0.0
Wednesday, 30 August 2017	9:01am	Thursday, 31 August 2017	9:00am	0.0	0.0
Thursday, 31 August 2017	9:01am	Friday, 1 September 2017	9:00am	0.0	0.0
Friday, 1 September 2017	9:01am	Saturday, 2 September 2017	9:00am	0.0	0.0
Saturday, 2 September 2017	9:01am	Sunday, 3 September 2017	9:00am	0.0	0.0
Sunday, 3 September 2017	9:01am	Monday, 4 September 2017	9:00am	0.0	0.0
Monday, 4 September 2017	9:01am	Tuesday, 5 September 2017	9:00am	0.0	0.0
Tuesday, 5 September 2017	9:01am	Wednesday, 6 September 2017	9:00am	0.0	0.0
Wednesday, 6 September 2017	9:01am	Thursday, 7 September 2017	9:00am	0.0	0.0
Thursday, 7 September 2017	9:01am	Friday, 8 September 2017	9:00am	0.0	0.0
Friday, 8 September 2017	9:01am	Saturday, 9 September 2017	9:00am	0.0	0.0
Saturday, 9 September 2017	9:01am	Sunday, 10 September 2017	9:00am	0.0	0.0
Sunday, 10 September 2017	9:01am	Monday, 11 September 2017	9:00am	0.0	0.0
Monday, 11 September 2017	9:01am	Tuesday, 12 September 2017	9:00am	0.0	0.0
Tuesday, 12 September 2017	9:01am	Wednesday, 13 September 2017	9:00am	0.0	0.0
Wednesday, 13 September 2017	9:01am	Thursday, 14 September 2017	9:00am	0.0	0.0
Thursday, 14 September 2017	9:01am	Friday, 15 September 2017	9:00am	0.0	0.0
Friday, 15 September 2017	9:01am	Saturday, 16 September 2017	9:00am	0.0	0.0
Saturday, 16 September 2017	9:01am	Sunday, 17 September 2017	9:00am	0.0	0.0
Sunday, 17 September 2017	9:01am	Monday, 18 September 2017	9:00am	0.0	0.0
Monday, 18 September 2017	9:01am	Tuesday, 19 September 2017	9:00am	0.0	0.0
Tuesday, 19 September 2017	9:01am	Wednesday, 20 September 2017	9:00am	0.0	0.0
Wednesday, 20 September 2017	9:01am	Thursday, 21 September 2017	9:00am	0.0	0.0
Thursday, 21 September 2017	9:01am	Friday, 22 September 2017	9:00am	0.2	0.0
Friday, 22 September 2017	9:01am	Saturday, 23 September 2017	9:00am	0.0	0.0
Saturday, 23 September 2017	9:01am	Sunday, 24 September 2017	9:00am	0.0	0.0
Sunday, 24 September 2017	9:01am	Monday, 25 September 2017	9:00am	0.0	0.0
Monday, 25 September 2017	9:01am	Tuesday, 26 September 2017	9:00am	0.0	0.0
Tuesday, 26 September 2017	9:01am	Wednesday, 27 September 2017	9:00am	0.0	0.0
Wednesday, 27 September 2017	9:01am	Thursday, 28 September 2017	9:00am	0.0	0.0
Thursday, 28 September 2017	9:01am	Friday, 29 September 2017	9:00am	0.0	0.0
Friday, 29 September 2017	9:01am	Saturday, 30 September 2017	9:00am	0.0	0.0
Saturday, 30 September 2017	9:01am	Sunday, 1 October 2017	9:00am	0.0	0.0
Sunday, 1 October 2017	9:01am	Monday, 2 October 2017	9:00am	8.2	0.2
Monday, 2 October 2017	9:01am	Tuesday, 3 October 2017	9:00am	49.2	0.6
Tuesday, 3 October 2017	9:01am	Wednesday, 4 October 2017	9:00am	0.4	0.2
Wednesday, 4 October 2017	9:01am	Thursday, 5 October 2017	9:00am	0.0	0.0
Thursday, 5 October 2017	9:01am	Friday, 6 October 2017	9:00am	0.0	0.0
Friday, 6 October 2017	9:01am	Saturday, 7 October 2017	9:00am	0.0	0.0
Saturday, 7 October 2017	9:01am	Sunday, 8 October 2017	9:00am	0.4	0.2
Sunday, 8 October 2017	9:01am	Monday, 9 October 2017	9:00am	0.6	0.2
Monday, 9 October 2017	9:01am	Tuesday, 10 October 2017	9:00am	0.0	0.0
Tuesday, 10 October 2017	9:01am	Wednesday, 11 October 2017	9:00am	0.0	0.0
Wednesday, 11 October 2017	9:01am	Thursday, 12 October 2017	9:00am	0.0	0.0
Thursday, 12 October 2017	9:01am	Friday, 13 October 2017	9:00am	1.4	0.2
Friday, 13 October 2017	9:01am	Saturday, 14 October 2017	9:00am	0.0	0.0
Saturday, 14 October 2017	9:01am	Sunday, 15 October 2017	9:00am	47.4	1.8
Sunday, 15 October 2017	9:01am	Monday, 16 October 2017	9:00am	62.8	1.4
Monday, 16 October 2017	9:01am	Tuesday, 17 October 2017	9:00am	16.4	1.0
Tuesday, 17 October 2017	9:01am	Wednesday, 18 October 2017	9:00am	3.4	0.2
Wednesday, 18 October 2017	9:01am	Thursday, 19 October 2017	9:00am	0.6	0.2
Thursday, 19 October 2017	9:01am	Friday, 20 October 2017	9:00am	0.2	0.2
Friday, 20 October 2017	9:01am	Saturday, 21 October 2017	9:00am	9.0	0.2
Saturday, 21 October 2017	9:01am	Sunday, 22 October 2017	9:00am	0.0	0.0
Sunday, 22 October 2017	9:01am	Monday, 23 October 2017	9:00am	0.2	0.2
Monday, 23 October 2017	9:01am	Tuesday, 24 October 2017	9:00am	14.6	0.6
Tuesday, 24 October 2017	9:01am	Wednesday, 25 October 2017	9:00am	0.0	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)
Wednesday, 25 October 2017	9:01am	Thursday, 26 October 2017	9:00am	0.0	0.0
Thursday, 26 October 2017	9:01am	Friday, 27 October 2017	9:00am	5.8	0.4
Friday, 27 October 2017	9:01am	Saturday, 28 October 2017	9:00am	0.0	0.0
Saturday, 28 October 2017	9:01am	Sunday, 29 October 2017	9:00am	0.0	0.0
Sunday, 29 October 2017	9:01am	Monday, 30 October 2017	9:00am	0.0	0.0
Monday, 30 October 2017	9:01am	Tuesday, 31 October 2017	9:00am	0.2	0.2
Tuesday, 31 October 2017	9:01am	Wednesday, 1 November 2017	9:00am	0.0	0.0
Wednesday, 1 November 2017	9:01am	Thursday, 2 November 2017	9:00am	0.0	0.0
Thursday, 2 November 2017	9:01am	Friday, 3 November 2017	9:00am	0.0	0.0
Friday, 3 November 2017	9:01am	Saturday, 4 November 2017	9:00am	0.0	0.0
Saturday, 4 November 2017	9:01am	Sunday, 5 November 2017	9:00am	0.0	0.0
Sunday, 5 November 2017	9:01am	Monday, 6 November 2017	9:00am	9.0	1.2
Monday, 6 November 2017	9:01am	Tuesday, 7 November 2017	9:00am	7.0	1.0
Tuesday, 7 November 2017	9:01am	Wednesday, 8 November 2017	9:00am	16.4	1.4
Wednesday, 8 November 2017	9:01am	Thursday, 9 November 2017	9:00am	0.0	0.0
Thursday, 9 November 2017	9:01am	Friday, 10 November 2017	9:00am	1.8	0.2
Friday, 10 November 2017	9:01am	Saturday, 11 November 2017	9:00am	16.4	0.8
Saturday, 11 November 2017	9:01am	Sunday, 12 November 2017	9:00am	3.0	0.2
Sunday, 12 November 2017	9:01am	Monday, 13 November 2017	9:00am	0.0	0.0
Monday, 13 November 2017	9:01am	Tuesday, 14 November 2017	9:00am	0.0	0.0
Tuesday, 14 November 2017	9:01am	Wednesday, 15 November 2017	9:00am	0.8	0.2
Wednesday, November 15 2017	9:01am	Thursday, 16 November 2017	9:00am	0.0	0.0
Thursday, 16 November 2017	9:01am	Friday, 17 November 2017	9:00am	0.0	0.0
Friday, 17 November 2017	9:01am	Saturday, 18 November 2017	9:00am	16.2	0.6
Saturday, 18 November 2017	9:01am	Sunday, 19 November 2017	9:00am	20.2	1.0
Sunday, 19 November 2017	9:01am	Monday, 20 November 2017	9:00am	17.6	0.8
Monday, 20 November 2017	9:01am	Tuesday, 21 November 2017	9:00am	3.8	0.6
Tuesday, 21 November 2017	9:01am	Wednesday, 22 November 2017	9:00am	3.6	0.2
Wednesday, November 22, 2017	9:01am	Thursday, 23 November 2017	9:00am	4.8	1.0
Thursday, 23 November 2017	9:01am	Friday, 24 November 2017	9:00am	1.8	0.4
Friday, 24 November 2017	9:01am	Saturday, 25 November 2017	9:00am	0.0	0.0
Saturday, 25 November 2017	9:01am	Sunday, 26 November 2017	9:00am	0.0	0.0
Sunday, 26 November 2017	9:01am	Monday, 27 November 2017	9:00am	0.8	0.2
Monday, 27 November 2017	9:01am	Tuesday, 28 November 2017	9:00am	0.2	0.2
Tuesday, 28 November 2017	9:01am	Wednesday, 29 November 2017	9:00am	2.2	0.6
Wednesday, November 29, 2017	9:01am	Thursday, 30 November 2017	9:00am	10.8	0.6
Thursday, 30 November 2017	9:01am	Friday, 1 December 2017	9:00am	27.0	1.2
Friday, 1 December 2017	9:01am	Saturday, 2 December 2017	9:00am	2.4	0.4
Saturday, 2 December 2017	9:01am	Sunday, 3 December 2017	9:00am	3.2	0.4
Sunday, 3 December 2017	9:01am	Monday, 4 December 2017	9:00am	6.2	1.0
Monday, 4 December 2017	9:01am	Tuesday, 5 December 2017	9:00am	20.6	0.8
Tuesday, 5 December 2017	9:01am	Wednesday, 6 December 2017	9:00am	5.4	0.6
Wednesday, 6 December 2017	9:01am	Thursday, 7 December 2017	9:00am	0.0	0.0
Thursday, 7 December 2017	9:01am	Friday, 8 December 2017	9:00am	0.0	0.0
Friday, 8 December 2017	9:01am	Saturday, 9 December 2017	9:00am	0.4	0.2
Saturday, 9 December 2017	9:01am	Sunday, 10 December 2017	9:00am	5.2	0.4
Sunday, 10 December 2017	9:01am	Monday, 11 December 2017	9:00am	0.0	5.2
Monday, 11 December 2017	9:01am	Tuesday, 12 December 2017	9:00am	0.0	0.0
Tuesday, 12 December 2017	9:01am	Wednesday, 13 December 2017	9:00am	0.0	0.0
Wednesday, 13 December 2017	9:01am	Thursday, 14 December 2017	9:00am	0.0	0.0
Thursday, 14 December 2017	9:01am	Friday, 15 December 2017	9:00am	0.0	0.0
Friday, 15 December 2017	9:01am	Saturday, 16 December 2017	9:00am	0.0	0.0
Saturday, 16 December 2017	9:01am	Sunday, 17 December 2017	9:00am	0.0	0.0
Sunday, 17 December 2017	9:01am	Monday, 18 December 2017	9:00am	0.0	0.0
Monday, 18 December 2017	9:01am	Tuesday, 19 December 2017	9:00am	0.4	0.2
Tuesday, 19 December 2017	9:01am	Wednesday, 20 December 2017	9:00am	0.0	0.0
Wednesday, 20 December 2017	9:01am	Thursday, 21 December 2017	9:00am	0.4	0.2
Thursday, 21 December 2017	9:01am	Friday, 22 December 2017	9:00am	0.4	0.0
Friday, 22 December 2017	9:01am	Saturday, 23 December 2017	9:00am	2.0	0.0
Saturday, 23 December 2017	9:01am	Sunday, 24 December 2017	9:00am	0.0	0.0
Sunday, 24 December 2017	9:01am	Monday, 25 December 2017	9:00am	0.0	0.0
Monday, 25 December 2017	9:01am	Tuesday, 26 December 2017	9:00am	18.2	0.0
Tuesday, 26 December 2017	9:01am	Wednesday, 27 December 2017	9:00am	0.4	0.0
Wednesday, 27 December 2017	9:01am	Thursday, 28 December 2017	9:00am	2.2	0.0
Thursday, 28 December 2017	9:01am	Friday, 29 December 2017	9:00am	3.2	0.0
Friday, 29 December 2017	9:01am	Saturday, 30 December 2017	9:00am	0.2	0.0
Saturday, 30 December 2017	9:01am	Sunday, 31 December 2017	9:00am	2.8	0.0
Sunday, 31 December 2017	9:01am	Monday, 1 January 2018	9:00am	0.0	0.0

Licencee
Location
EPL No

Cape Byron Management Pty Ltd
Condong Power Plant
20424



MONITORING REPORT CORRECTIONS LOG

Date / Period	Monitoring Point	Pollutant/Parameter	Original Data	Corrected Data	Date Corrected	Date Originally Published	Reason
15/12/14-18/12/14	Point 9	Maximum Temperature	14.40	2.84	12-Mar-15	06-Feb-15	Non representative data out of DCS incorrectly used in original report
20/1/15-24/1/15	Point 9	Maximum pH	8.60	8.44	12-Mar-15	06-Feb-15	Non representative data out of DCS incorrectly used in original report
16/2/15-1/3/15	Point 9	Maximum pH	8.60	8.45	12-Mar-15	09-Mar-15	Non representative data out of DCS incorrectly used in original report
25/7/16-31/7/16	Point 9	Minimum pH	-0.06	7.04	23-Sep-16	19-Aug-16	Probe was replaced and calibrated on 27 July resulting in 2 hours of incorrect readings, this was not representative of pH of cooling tower.
10/6/16-10/10/16	Points 2, 4 & 5	Dust	various	various	14-Nov-16	various	Used incorrect value on lab results sheet.
22/8/16-28/8/16	Point 7	Temperature Differential	-10.6, 5.3, -0.86	-6.4, 3, -0.11	14-Nov-16	23-Sep-16	Temperature differential values originally recorded when blow down valve was not open.
5/9/16-11/9/16	Point 7	Temperature Differential	-6, 5.1, 1.15	-6.3, 3.4, 0.89	14-Nov-16	23-Sep-16	
	Point 9	Minimum pH	0.61	7.71	06-Jun-17	14-Nov-16	Reading corrected to 15 minute average
	Point 9	Minimum pH	0.83	7.87	06-Jun-17	23-Jan-17	Reading corrected to 15 minute average
02/10/17- 08/10/18	Point 9	Minimum pH	1.10	7.02	06-Jun-18	13-Nov-18	Reading was due to calibration methods of
16/04/18 - 22/04/18	Point 9	Maximum pH	8.64	8.24	07-Jun-18	25-May-18	Reading was due to calibration methods of
14/08/17 - 20/08/17	Point 9	Temperature Differential	7.30	4.60	12-Sep-17	08-Jul-18	incorrect data template used