



## **Environmental Monitoring Report V2**

### **Condong Biomass Power Plant 153 McLeod Street Condong NSW**

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

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

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

**Monitoring Point 1 - No 1 Boiler Stack Emissions**  
 Cape Byron Management Pty Ltd  
 Condong Cogeneration Power Plant  
 20424 [www.environment.nsw.gov.au](http://www.environment.nsw.gov.au)  
 see individual parameters in table  
 Annually in accordance with EPA procedure  
 see individual parameters in table



**Results Table**

Test Number	AE 14321	AE 14454	AE14632	AE14632	AE14761	AE14992	AE15185
Sampling Date	11/05/2022	7/09/2022	14/11/2022	14/12/2022	7/02/2023	18/05/2023	14/09/2023
Date Received	7/06/2022	3/11/2022	25/11/2022	11/01/2023	21/03/2023	2/06/2023	4/10/2023
Date Published	29/06/2022	16/11/2022	30/11/2022	25/01/2023	22/03/2023	14/06/2023	1/11/2023

Measured Parameters dry @ STP and corrected to 7% O <sub>2</sub>	Units	Concentration Limit	AE 14321	AE 14454	AE14632	AE14632	AE14761	AE14992	AE15185
Average stack gas temperature	°C	Not Applicable	68.00	70.10	61.70	57.00	59.80	59.60	59.80
Average velocity at sampling plane	m/s	Not Applicable	13.90	16.00	15.80	15.80	15.40	15.40	24.00
Dry Gas Volumetric Flowrate	m <sup>3</sup> /sec	Not Applicable	59.30	68.20	67.60	69.75	67.33	61.11	106.60
Dry Gas Density	kg/m <sup>3</sup>	Not Applicable	1.33	1.34	1.34	1.34	1.33	1.31	1.34
Molecular Weight of Stack Gases	g/g mole	Not Applicable	29.80	30.00	30.00	29.80	29.60	29.30	30.00
Moisture content	%	Not Applicable	16.30	15.40	16.80	16.80	17.1	11.5	15.4
Concentration of carbon dioxide	%	Not Applicable	7.88	9.54	9.85	8.03	5.88	4.27	9.88
Total Solid Particles	mg/m <sup>3</sup>	100.00	17.40	22.60	99.40	98.00	29.40	90.00	58.90
Sulphuric Acid Mist & Sulphur Trioxide as SO <sub>3</sub>	mg/m <sup>3</sup>	30.00	12.50	11.30	6.30	5.33	2.29	2.60	16.30
Nitrogen Oxides (NO <sub>x</sub> )	mg/m <sup>3</sup>	500.00	209.00	231.00	191.00	211.00	156.00	261.00	277.00

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



Date Sample Collected	Date Received	Date Published	Results (g/m <sup>2</sup> /month)	Notes
06-Jan-21	25-Jan-21	29-Jan-21	0.78	35 day sample. Bottles stuck in transit (0.67g/m2/month)
05-Feb-21	12-Feb-21	26-Feb-21	0.77	
04-Mar-21	12-Mar-21	08-Apr-21	3.51	
06-Apr-21	16-Apr-21	22-Apr-21	1.06	
04-May-21	18-May-21	20-May-21	2.16	
04-Jun-21	18-Jun-21	02-Jul-21	1.83	
05-Jul-21	09-Jul-21	16-Jul-21	6.97	Fine org. matter, brown
03-Aug-21	11-Aug-21	13-Aug-21	1.43	Fine org. matter
06-Sep-21	10-Sep-21	23-Sep-21	3.56	Fine org. matter
05-Oct-21	14-Oct-21	22-Oct-21	3.31	Fine org. matter
03-Nov-21	05-Nov-21	15-Dec-21	0.50	
06-Dec-21	15-Dec-21	15-Dec-21	2.07	
04-Jan-22	21-Jan-22	28-Jan-22	7.79	
01-Feb-22	NA	22-Apr-22	NA	Flood damage to plant operations
01-Mar-22	NA	22-Apr-22	NA	Bottles flood damaged and not serviceable, new bottles set 08/04/2022, plant not operational
05-May-22	09-May-22	18-May-22	4.52	Fine org. matter
06-Jun-22	17-Jun-22	29-Jun-22	0.56	Organic matter
04-Jul-22	08-Aug-22	10-Aug-22	3.03	Cloudy
08-Aug-22	NA	NA	NA	Bottle smashed at EAL
06-Sep-22	12-Sep-22	21-Sep-22	2.16	Organic matter
06-Oct-22	13-Oct-22	19-Oct-22	1.93	
02-Nov-22	04-Nov-22	16-Nov-22	0.90	
07-Dec-22	20-Dec-22	25-Jan-23	2.03	Fine org. matter
11-Jan-23	12-Jan-23	25-Jan-23	2.64	dead beetle
03-Feb-23	10-Feb-23	22-Feb-23	0.73	
08-Mar-23	15-Mar-23	22-Mar-23	4.91	bugs, fine org. matter
03-Apr-23	14-Apr-23	19-Apr-23	3.40	fine org. matter
04-Apr-23	11-May-23	17-May-23	3.88	small spider, fine org. matter
02-Jun-23	07-Jun-23	28-Jun-23	2.75	Fine Organic Matter
03-Jul-23	10-Jul-23	12-Jul-23	6.36	Fine org. matter, cloudy
07-Aug-23	10-Aug-23	23-Aug-23	4.62	Fine org. matter, cloudy
04-Aug-23	19-Sep-23	20-Sep-23	5.08	Ash, fine org. matter, cloudy, brown
03-Oct-23	11-Oct-23	19-Oct-23	4.87	Fine org. matter
02-Nov-23	08-Nov-23	16-Nov-23	2.87	Org. matter, cloudy, brown

**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 6 days when operating at stockpile  
 Limits Not Applicable  
 Comments



Date Sample Collected	Date Received	Date Published	Results (ug/m <sup>3</sup> )	Notes
07-Jul-22	19-Jul-22	27-Jul-22	24.8	
13-Jul-22	17-Aug-22	24-Aug-22	12.1	
19-Jul-22	17-Aug-22	24-Aug-22	25.2	
25-Jul-22	17-Aug-22	24-Aug-22	24.1	
31-Jul-22	01-Aug-22	21-Sep-22	19.1	
06-Aug-22	08-Aug-22	21-Sep-22	29.1	
12-Aug-22	12-Aug-22	21-Sep-22	23.5	
18-Aug-22	18-Aug-22	21-Sep-22	30.3	
24-Aug-22	24-Aug-22	21-Sep-22	19.2	
30-Aug-22	30-Aug-22	02-Nov-22	7.1	
05-Sep-22	05-Sep-22	02-Nov-22	11.8	
11-Sep-22	12-Sep-22	02-Nov-22	14.8	
17-Sep-22	19-Sep-22	02-Nov-22	7.7	
23-Sep-22	26-Sep-22	02-Nov-22	14.8	
29-Sep-22	30-Sep-22	16-Nov-22	18.1	
06-Oct-22	05-Oct-22	16-Nov-22	10.6	
11-Oct-22	13-Oct-22	16-Nov-22	13.8	
17-Oct-22	19-Oct-22	16-Nov-22	14.4	
23-Oct-22	31-Oct-22	16-Nov-22	16.0	
29-Oct-22	07-Nov-22	14-Dec-22	21.9	
04-Nov-22	10-Nov-22	14-Dec-22	13.2	
10-Nov-22	17-Nov-22	14-Dec-22	22.3	
16-Nov-22	22-Nov-22	14-Dec-22	41.6	
22-Nov-22	29-Nov-22	14-Dec-22	19.8	
28-Nov-22	19-Jan-23	25-Jan-23	NA	Paper damaged on retrieval due to wind gust
04-Dec-22	19-Jan-23	25-Jan-23	8.9	
10-Dec-22	19-Jan-23	25-Jan-23	26.2	
16-Dec-22	19-Jan-23	25-Jan-23	29.6	
22-Dec-22	19-Jan-23	25-Jan-23	21.6	
28-Dec-22	19-Jan-23	25-Jan-23	6.0	
03-Jan-23	19-Jan-23	25-Jan-23	12.2	
09-Jan-23	01-Mar-23	08-Mar-23	9.3	
15-Jan-23	01-Mar-23	08-Mar-23	6.2	
21-Jan-23	01-Mar-23	08-Mar-23	11.4	
27-Jan-23	01-Mar-23	08-Mar-23	15.4	
02-Feb-23	01-Mar-23	08-Mar-23	12.4	
08-Feb-23	20-Mar-23	22-Mar-23	48.4	
14-Feb-23	20-Mar-23	22-Mar-23	25.2	
20-Feb-23	20-Mar-23	22-Mar-23	9.0	
26-Feb-23	20-Mar-23	22-Mar-23	11.0	
04-Mar-23	20-Mar-23	22-Mar-23	26.2	
10-Mar-23	14-Apr-23	19-Apr-23	41.1	
16-Mar-23	14-Apr-23	19-Apr-23	28.6	
22-Mar-23	14-Apr-23	19-Apr-23	14.0	
28-Mar-23	14-Apr-23	19-Apr-23	16.3	
03-Apr-23	14-Apr-23	19-Apr-23	9.2	
09-Apr-23	20-Jun-23	28-Jun-23	11.1	
15-Apr-23	20-Jun-23	28-Jun-23	40.6	
21-Apr-23	20-Jun-23	28-Jun-23	47.4	
27-Apr-23	20-Jun-23	28-Jun-23	9.1	
03-May-23	20-Jun-23	28-Jun-23	50.4	
09-May-23	20-Jun-23	28-Jun-23	59.4	
15-May-23	20-Jun-23	28-Jun-23	7.3	
21-May-23	20-Jun-23	28-Jun-23	14.3	
27-May-23	20-Jun-23	28-Jun-23	23.7	
02-Jun-23	20-Jun-23	28-Jun-23	44.9	
08-Jun-23	14-Jul-23	26-Jul-23	18.4	
14-Jun-23	14-Jul-23	26-Jul-23	21.9	
20-Jun-23	14-Jul-23	26-Jul-23	40.8	
26-Jun-23	14-Jul-23	26-Jul-23	12.4	
02-Jul-23	14-Jul-23	26-Jul-23	30.3	
08-Jul-23	21-Aug-23	23-Aug-23	16.3	
14-Jul-23	21-Aug-23	23-Aug-23	31.2	
20-Jul-23	21-Aug-23	23-Aug-23	14.6	
26-Jul-23	21-Aug-23	23-Aug-23	26.7	
01-Aug-23	21-Aug-23	23-Aug-23	37.1	
07-Aug-23	21-Aug-23	23-Aug-23	8.1	
13-Aug-23	18-Sep-23	20-Sep-23	29.2	
19-Aug-23	18-Sep-23	20-Sep-23	25.0	
25-Aug-23	18-Sep-23	20-Sep-23	36.0	
31-Aug-23	18-Sep-23	20-Sep-23	15.3	
06-Sep-23	18-Sep-23	20-Sep-23	15.8	
12-Sep-23	18-Sep-23	20-Sep-23	39.3	
18-Sep-23	18-Sep-23	20-Sep-23	11.5	
24-Sep-23	18-Sep-23	20-Sep-23	24.6	
30-Sep-23	18-Sep-23	20-Sep-23	13.6	

**Sampling Point:** Monitoring Point 4 - Ambient Air Monitoring North of Bowling Club  
 Licence 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 <sup>2</sup> /month)	Notes
06-Jan-21	25-Jan-21	29-Jan-21	1.59	35 day sample. Bottles stuck in transit (1.36g/m2/month)
05-Feb-21	12-Feb-21	26-Feb-21	0.32	
04-Mar-21	12-Feb-21	08-Apr-21	1.65	
06-Apr-21		22-Apr-21	N/A	Sample was void
04-May-21	18-May-21	20-May-21	1.50	
04-Jun-21	18-Jun-21	02-Jul-21	0.60	
05-Jul-21	09-Jul-21	16-Jul-21	1.33	Fine org. matter
03-Aug-21	11-Aug-21	13-Aug-21	1.15	Fine org. matter
06-Sep-21	10-Sep-21	23-Sep-21	1.94	Large org. matter, cloudy
05-Oct-21	14-Oct-21	22-Oct-21	3.31	ants, fine org. matter
03-Nov-21	05-Nov-21	23-Nov-21	0.50	Leaf, fine org. matter
06-Dec-21	15-Dec-21	15-Dec-21	0.56	Spider, large org. matter
04-Jan-22	21-Jan-22	28-Jan-22	3.42	Fine org. matter
01-Feb-22	NA	22-Apr-22	NA	Flood damage to plant operations
				Bottles flood damaged and not serviceable, new bottles set 08/04/2022
01-Mar-22	NA	22-Apr-22	NA	
05-May-22	09-May-22	18-May-22	1.06	Fine org. matter
06-Jun-22	17-Jun-22	29-Jun-22	0.88	Organic matter
04-Jul-22	08-Aug-22	10-Aug-22	2.86	Bugs, grass Fine Org. Matter
				Dead worm. Fine Org. Matter, Large Org. Matter
08-Aug-22	12-Aug-22	24-Aug-22	1.22	
06-Sep-22	12-Sep-22	21-Sep-22	2.27	Org. Matter
06-Oct-22	13-Oct-22	19-Oct-22	3.92	Fine Org. Matter
02-Nov-22	04-Nov-22	16-Nov-22	1.43	
07-Dec-22	20-Dec-22	25-Jan-23	3.70	Dead bugs, fine Org. matter
11-Jan-23	12-Jan-23	25-Jan-23	4.55	Fine org. matter
03-Feb-23	10-Feb-23	22-Feb-23	0.18	Org. Matter
08-Mar-23	15-Mar-23	22-Mar-23	0.58	Org. Matter
03-Apr-23	04-Apr-23	19-Apr-23	0.26	Org. Matter
04-Apr-23	11-May-23	17-May-23	5.40	fine org. matter, cloudy
02-Jun-23	07-Jun-23	28-Jun-23	0.91	dead wasp, fine organic matter
03-Jul-23	10-Jul-23	12-Jul-23	1.80	Bugs, org. matter
03-Jul-23	10-Jul-23	12-Jul-23	2.80	Bugs, org. matter
07-Aug-23	10-Aug-23	23-Aug-23	0.60	Fine org. matter, cloudy
04-Aug-23	19-Sep-23	20-Sep-23	1.70	Spider, algae, fine org. matter
03-Oct-23	11-Oct-23	19-Oct-23	4.09	Spider, algae, fine org. matter
				Fine org. matter, algae, seeds, ants, cloudy, yellow
02-Nov-23	08-Nov-23	16-Nov-23	10.89	

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

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

Parameters Monitored [Particulates - Deposited Matter](#)

Monitoring Frequency Continuous with sample results extrapolated from sample period of 30 ± 2 days



Limits Not Applicable

Comments Laboratory Analysis

Date Sample Collected	Date Received	Date Published	Results (g/m <sup>2</sup> /month)	Notes
06-Jan-21	25-Jan-21	29-Jan-21	2.73	35 day sample. Bottles stuck in transit (2.34g/m2/month)
05-Feb-21	12-Feb-21	26-Feb-21	0.83	
04-Mar-21	12-Mar-21	08-Apr-21	2.53	Ants
06-Apr-21	16-Apr-21	22-Apr-21	4.30	
04-May-21	18-May-21	20-May-21	1.94	
04-Jun-21	18-Jun-21	02-Jul-21	1.88	
05-Jul-21	09-Jul-21	16-Jul-21	2.72	Fine org. matter
03-Aug-21	11-Aug-21	13-Aug-21	3.25	Fine org. matter, cloudy
06-Sep-21	10-Sep-21	23-Sep-21	3.43	Large org. matter, cloudy
05-Oct-21	14-Oct-21	22-Oct-21	6.57	Fine org. matter, cloudy
03-Nov-21	05-Nov-21	23-Nov-21	2.29	Fine org. matter
06-Dec-21	15-Dec-21	15-Dec-21	6.12	Dirt, fine org. matter
04-Jan-22	21-Jan-22	28-Jan-22	5.07	Fine org. matter
NA	01-Feb-22	22-Apr-22	NA	Flood damage to plant operations
NA			NA	Bottles flood damaged and not serviceable, new bottles set 08/04/2021
NA	01-Mar-22	22-Apr-22	NA	
05-May-22	09-May-22	18-May-22	0.92	Fine org. matter
06-Jun-22	17-Jun-22	29-Jun-22	1.61	Organic matter & algae
04-Jul-22	08-Aug-22	10-Aug-22	2.52	Grasshopper, spider, Org.Matter, Cloudy
08-Aug-22	12-Aug-22	24-Aug-22	1.46	Fine Org. Matter
06-Sep-22	12-Aug-22	21-Sep-22	5.06	Yellow, Cloudy
06-Oct-22	13-Oct-22	19-Oct-22	5.45	Fine Org. Matter
02-Nov-22	04-Nov-22	16-Nov-22	4.02	bugs Org. Matter
07-Dec-02	20-Dec-02	25-Jan-23	1.51	Org. Matter
11-Jan-23	21-Jan-23	25-Jan-23	4.85	Fine org. matter
03-Feb-23	10-Feb-23	22-Feb-23	0.96	small seeds, org. matter
08-Mar-23	15-Mar-23	22-Mar-23	0.73	dead bugs, seeds, fine org. matter, yellow
03-Apr-23	04-Apr-23	22-Mar-23	2.43	Fine Org. Matter
04-Apr-23	11-May-23	17-May-23	1.23	fine org. matter
02-Jun-23	07-Jun-23	28-Jun-23	6.31	Fine org. matter, large org. matter
03-Jul-23	10-Jul-23	12-Jul-23	2.24	Seeds, fine org. matter
07-Aug-23	10-Aug-23	23-Aug-23	2.79	Bark/ spider, fine org. matter, cloudy
04-Aug-23	19-Sep-23	20-Sep-23	3.79	Ash, bugs, fine org. matter, cloudy, brown
03-Oct-23	11-Oct-23	19-Oct-23	4.61	Org. matter, cloudy
02-Nov-23	08-Nov-23	16-Nov-23	5.00	Fine org. matter, grass

Sampling Point: Monitoring Point 6 - O<sub>2</sub> Boiler Prior to Primary Air Heater  
 License: Case Environmental Pty Ltd  
 Location: Cadmore Concentration Power Plant  
 EPA No: 20043  
 Parameters Monitored: Oxygen  
 Frequency & Method: Continuous On-line 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	
28-Sep-21	30-Sep-21	01-Oct-21	na	na	Boiler Offline
4-Oct-21	10-Oct-21	05-Oct-21	na	na	Boiler Offline
11-Oct-21	17-Oct-21	12-Oct-21	2.56	10.21	Boiler Offline
18-Oct-21	24-Oct-21	19-Oct-21	4.77	20.35	8.42
25-Oct-21	31-Oct-21	26-Oct-21	4.81	20.55	10.61
1-Feb-21	7-Feb-21	16-Feb-21	4.88	20.57	10.79
14-Feb-21	21-Feb-21	28-Feb-21	4.81	20.51	9.27
21-Feb-21	27-Feb-21	28-Feb-21	4.88	18.39	8.60
28-Feb-21	28-Feb-21	13-Mar-21	4.75	20.53	9.88
1-Mar-21	7-Mar-21	12-Mar-21	4.82	20.53	11.83
8-Mar-21	14-Mar-21	8-Apr-21	4.79	20.43	13.27
15-Mar-21	21-Mar-21	8-Apr-21	4.58	20.15	12.79
22-Mar-21	28-Mar-21	8-Apr-21	5.05	20.48	14.58
29-Mar-21	4-Apr-21	8-Apr-21	6.81	20.37	17.84
5-Apr-21	11-Apr-21	22-Apr-21	NA	NA	Offline 20/03/21 and 20/03/21
12-Apr-21	18-Apr-21	22-Apr-21	NA	NA	Boiler offline
19-Apr-21	25-Apr-21	22-Apr-21	NA	NA	Boiler offline
26-Apr-21	2-May-21	6-May-21	3.14	19.77	11.18
3-May-21	9-May-21	23-May-21	4.20	21.19	9.81
16-May-21	22-May-21	23-May-21	4.20	19.80	14.30
23-May-21	29-May-21	3-Jun-21	2.56	20.59	7.87
30-May-21	5-Jun-21	2-Jun-21	3.04	20.82	11.72
6-Jun-21	12-Jun-21	13-Jun-21	3.61	20.84	12.25
13-Jun-21	19-Jun-21	17-Jun-21	3.88	20.83	12.65
20-Jun-21	26-Jun-21	23-Jun-21	3.85	20.75	12.81
27-Jun-21	3-Jul-21	2-Jul-21	0.51	12.48	4.49
4-Jul-21	10-Jul-21	10-Jul-21	1.58	20.78	10.21
11-Jul-21	17-Jul-21	16-Jul-21	1.58	20.38	10.87
18-Jul-21	24-Jul-21	16-Jul-21	1.58	20.59	5.27
25-Jul-21	31-Jul-21	30-Jul-21	0.50	20.54	4.85
1-Aug-21	7-Aug-21	13-Aug-21	0.88	12.93	4.85
8-Aug-21	14-Aug-21	28-Aug-21	0.51	20.54	5.27
15-Aug-21	21-Aug-21	28-Aug-21	0.34	20.54	4.71
22-Aug-21	28-Aug-21	28-Aug-21	0.51	20.54	5.27
29-Aug-21	4-Sep-21	8-Sep-21	0.51	12.51	5.50
6-Sep-21	12-Sep-21	8-Sep-21	0.51	12.51	5.50
13-Sep-21	19-Sep-21	23-Sep-21	0.51	13.77	4.21
20-Sep-21	26-Sep-21	23-Sep-21	0.51	12.42	4.91
27-Sep-21	3-Oct-21	8-Oct-21	0.08	20.60	6.57
4-Oct-21	10-Oct-21	17-Oct-21	0.51	17.56	4.81
11-Oct-21	17-Oct-21	22-Oct-21	1.32	20.74	11.02
18-Oct-21	24-Oct-21	23-Oct-21	0.51	20.84	12.25
25-Oct-21	31-Oct-21	5-Nov-21	0.40	12.39	4.18
1-Nov-21	7-Nov-21	23-Nov-21	0.51	20.84	12.25
8-Nov-21	14-Nov-21	23-Nov-21	0.49	20.88	6.23
15-Nov-21	21-Nov-21	23-Nov-21	0.51	20.84	12.25
22-Nov-21	28-Nov-21	15-Dec-21	1.19	20.48	8.20
29-Nov-21	5-Dec-21	15-Dec-21	2.91	20.71	11.78
6-Dec-21	12-Dec-21	15-Dec-21	3.91	20.42	13.08
13-Dec-21	19-Dec-21	23-Dec-21	NA	NA	Boiler Shutdown 11/12/21
20-Dec-21	26-Dec-21	14-Jan-22	4.47	20.12	17.07
27-Dec-21	3-Jan-22	14-Jan-22	NA	NA	Boiler offline
3-Jan-22	9-Jan-22	14-Jan-22	NA	NA	Boiler offline 23/12/21 to 28/12/21
16-Jan-22	22-Jan-22	14-Jan-22	4.51	19.85	18.67
23-Jan-22	29-Jan-22	25-Jan-22	0.51	19.89	19.54
30-Jan-22	5-Feb-22	11-Feb-22	1.10	20.54	7.51
6-Feb-22	12-Feb-22	11-Feb-22	2.10	20.14	18.44
13-Feb-22	19-Feb-22	17-Feb-22	3.58	20.54	12.81
20-Feb-22	26-Feb-22	25-Feb-22	1.37	20.28	13.45
27-Feb-22	5-Mar-22	22-Apr-22	2.88	19.87	13.17
28-Feb-22	6-Mar-22	22-Apr-22	NA	NA	Boiler off see 24/02/22, 28/02/22
7-Mar-22	13-Mar-22	22-Apr-22	NA	NA	Boiler off see 28/02/22, 19/03/22, 10/03/22
14-Mar-22	20-Mar-22	22-Apr-22	NA	NA	Boiler off see 28/02/22, 19/03/22, 10/03/22
21-Mar-22	27-Mar-22	22-Apr-22	NA	NA	Boiler off see 28/02/22, 19/03/22, 10/03/22
28-Mar-22	4-Apr-22	22-Apr-22	NA	NA	Boiler off see 28/02/22, 19/03/22, 10/03/22
4-Apr-22	10-Apr-22	6-May-22	2.18	20.38	9.64
11-Apr-22	17-Apr-22	6-May-22	2.18	20.38	9.64
18-Apr-22	24-Apr-22	6-May-22	2.18	20.38	9.64
25-Apr-22	1-May-22	18-May-22	-0.77	20.18	8.88
2-May-22	8-May-22	18-May-22	2.47	20.52	9.75
9-May-22	15-May-22	18-May-22	2.17	20.52	9.75
16-May-22	22-May-22	31-May-22	2.17	20.24	10.59
23-May-22	29-May-22	31-May-22	0.51	20.84	12.25
30-May-22	5-Jun-22	17-Jun-22	1.37	20.14	7.97
6-Jun-22	12-Jun-22	17-Jun-22	1.37	20.14	7.97
13-Jun-22	19-Jun-22	25-Jun-22	0.51	20.84	12.25
20-Jun-22	26-Jun-22	25-Jun-22	0.00	19.87	6.50
27-Jun-22	3-Jul-22	25-Jun-22	0.00	19.87	6.50
4-Jul-22	10-Jul-22	15-Jul-22	2.30	20.11	8.78
11-Jul-22	17-Jul-22	15-Jul-22	0.00	20.34	6.82
18-Jul-22	24-Jul-22	21-Jul-22	0.00	20.38	7.51
25-Jul-22	31-Jul-22	21-Jul-22	0.00	20.38	7.51
1-Aug-22	7-Aug-22	10-Aug-22	0.00	18.81	2.98
8-Aug-22	14-Aug-22	10-Aug-22	0.00	18.81	2.98
15-Aug-22	21-Aug-22	24-Aug-22	0.00	20.12	3.63
22-Aug-22	28-Aug-22	13-Sep-22	0.00	1.98	2.82
29-Aug-22	4-Sep-22	7-Sep-22	0.00	20.15	6.42
5-Sep-22	11-Sep-22	21-Sep-22	0.02	20.72	8.43
12-Sep-22	18-Sep-22	21-Sep-22	0.00	11.39	4.17
19-Sep-22	25-Sep-22	5-Oct-22	0.08	20.07	7.90
26-Sep-22	2-Oct-22	5-Oct-22	0.00	20.16	7.40
3-Oct-22	9-Oct-22	19-Oct-22	0.00	20.51	7.40
16-Oct-22	22-Oct-22	19-Oct-22	0.09	19.84	5.91
23-Oct-22	29-Oct-22	2-Nov-22	0.08	20.15	11.48
30-Oct-22	5-Nov-22	2-Nov-22	0.73	20.62	10.91
6-Nov-22	12-Nov-22	16-Nov-22	0.03	20.24	6.30
13-Nov-22	19-Nov-22	16-Nov-22	0.00	18.40	2.58
20-Nov-22	26-Nov-22	30-Nov-22	0.00	19.77	2.70
27-Nov-22	3-Dec-22	30-Nov-22	0.00	14.27	2.41
4-Dec-22	10-Dec-22	14-Dec-22	0.24	20.28	13.08
11-Dec-22	17-Dec-22	14-Dec-22	1.37	20.51	10.48
18-Dec-22	24-Dec-22	25-Dec-22	1.28	20.15	7.51
25-Dec-22	31-Dec-22	25-Jan-23	0.88	20.10	11.31
1-Jan-23	7-Jan-23	25-Jan-23	26.01	20.17	20.10
8-Jan-23	14-Jan-23	25-Jan-23	2.03	20.38	12.41
15-Jan-23	21-Jan-23	25-Jan-23	1.43	20.28	14.48
22-Jan-23	28-Jan-23	25-Jan-23	0.59	20.18	15.18
29-Jan-23	4-Feb-23	8-Feb-23	1.93	20.00	16.90
5-Feb-23	11-Feb-23	8-Feb-23	2.48	19.99	14.02
12-Feb-23	19-Feb-23	22-Feb-23	2.48	20.03	11.00
19-Feb-23	26-Feb-23	22-Feb-23	-0.77	20.33	14.88
26-Feb-23	4-Mar-23	8-Mar-23	1.73	20.12	11.65
5-Mar-23	11-Mar-23	8-Mar-23	0.33	20.14	9.52
12-Mar-23	19-Mar-23	22-Mar-23	NA	NA	Factory shut down 06/03/2023-19/03/2023 for annual shut down
19-Mar-23	26-Mar-23	22-Mar-23	NA	NA	Factory shut down 06/03/2023-19/03/2023 for annual shut down
26-Mar-23	2-Mar-23	5-Apr-23	0.88	20.00	8.44
2-Mar-23	9-Apr-23	5-Apr-23	0.88	20.22	8.01
16-Apr-23	23-Apr-23	19-Apr-23	1.60	19.89	10.74
23-Apr-23	30-Apr-23	19-Apr-23	2.38	20.54	11.73
30-Apr-23	7-May-23	3-May-23	1.49	19.62	10.06
7-May-23	14-May-23	3-May-23	1.00	20.21	12.48
14-May-23	21-May-23	17-May-23	1.81	20.48	11.11
21-May-23	28-May-23	17-May-23	1.92	20.51	11.13
28-May-23	4-Jun-23	31-May-23	2.92	20.37	17.92
4-Jun-23	11-Jun-23	31-May-23	1.83	20.41	12.48
11-Jun-23	18-Jun-23	14-Jun-23	2.80	20.42	11.02
18-Jun-23	25-Jun-23	14-Jun-23	2.32	19.98	10.81
25-Jun-23	2-Jul-23	28-Jun-23	-0.77	21.07	15.00
2-Jul-23	7-Jul-23	28-Jun-23	1.57	20.62	10.88
7-Jul-23	14-Jul-23	12-Jul-23	-0.02	20.35	11.39
14-Jul-23	21-Jul-23	12-Jul-23	0.00	20.27	6.61
21-Jul-23	28-Jul-23	26-Jul-23	0.00	18.86	1.94
28-Jul-23	4-Aug-23	26-Jul-23	0.00	18.86	2.30
4-Aug-23	11-Aug-23	30-Aug-23	0.00	20.30	1.80
11-Aug-23	18-Aug-23	30-Aug-23	-1.17	20.38	3.80
18-Aug-23	25-Aug-23	23-Aug-23	0.00	18.89	2.04
25-Aug-23	1-Sep-23	23-Aug-23	0.00	17.11	1.80
1-Sep-23	8-Sep-23	23-Aug-23	0.00	17.11	1.80
8-Sep-23	15-Sep-23	20-Sep-23	-0.77	20.71	10.07
15-Sep-23	22-Sep-23	20-Sep-23	0.00	17.79	2.57
22-Sep-23	29-Sep-23	5-Oct-23	0.00	19.26	3.28
29-Sep-23	6-Oct-23	5-Oct-23	0.01	18.81	2.86
6-Oct-23	13-Oct-23	18-Oct-23	0.00	18.70	3.92
13-Oct-23	20-Oct-23	18-Oct-23	0.00	18.87	3.24
20-Oct-23	27-Oct-23	1-Nov-23	-0.77	20.38	3.94
27-Oct-23	3-Nov-23	1-Nov-23	0.00	20.18	5.10
3-Nov-23	10-Nov-23	18-Nov-23	0.51	19.96	7.90
10-Nov-23	17-Nov-23	18-Nov-23	1.58	20.20	11.30





Samaline Point:  
 License:  
 Location:  
 EPL No:  
 Parameter(s) Monitored:  
 Frequency & Method:

Monitoring Point 11 - Stockpile Stormwater Discharge  
 Cape Byron Management Pty Ltd  
 Conlong Cogeneration Power Plant  
 20424  
 Rainfall  
 Continuous Auto Sampler



TIPPING GIJAGE CONTINUOUS RAINFALL MONITORING					
Period From		Period To		Daily Rain	
Date	Time	Date	Time	Total (mm)	Max Intensity (mm/min)
Friday, 16 June 2023	9:01am	Saturday, 17 June 2023	9:00am	0.0	0.0
Saturday, 17 June 2023	9:01am	Sunday, 18 June 2023	9:00am	0.0	0.0
Sunday, 18 June 2023	9:01am	Monday, 19 June 2023	9:00am	0.0	0.0
Monday, 19 June 2023	9:01am	Tuesday, 20 June 2023	9:00am	0.2	0.2
Tuesday, 20 June 2023	9:01am	Wednesday, 21 June 2023	9:00am	0.0	0.0
Wednesday, 21 June 2023	9:01am	Thursday, 22 June 2023	9:00am	0.0	0.0
Thursday, 22 June 2023	9:01am	Friday, 23 June 2023	9:00am	0.0	0.0
Friday, 23 June 2023	9:01am	Saturday, 24 June 2023	9:00am	0.8	0.2
Saturday, 24 June 2023	9:01am	Sunday, 25 June 2023	9:00am	1.8	0.2
Sunday, 25 June 2023	9:01am	Monday, 26 June 2023	9:00am	0.0	0.0
Monday, 26 June 2023	9:01am	Tuesday, 27 June 2023	9:00am	0.0	0.0
Tuesday, 27 June 2023	9:01am	Wednesday, 28 June 2023	9:00am	0.0	0.0
Wednesday, 28 June 2023	9:01am	Thursday, 29 June 2023	9:00am	0.0	0.0
Thursday, 29 June 2023	9:01am	Friday, 30 June 2023	9:00am	0.0	0.0
Friday, 30 June 2023	9:01am	Saturday, 1 July 2023	9:00am	0.0	0.0
Saturday, 1 July 2023	9:01am	Sunday, 2 July 2023	9:00am	0.0	0.0
Sunday, 2 July 2023	9:01am	Monday, 3 July 2023	9:00am	0.0	0.0
Monday, 3 July 2023	9:01am	Tuesday, 4 July 2023	9:00am	2.6	0.2
Tuesday, 4 July 2023	9:01am	Wednesday, 5 July 2023	9:00am	1.8	0.2
Wednesday, 5 July 2023	9:01am	Thursday, 6 July 2023	9:00am	13.8	0.2
Thursday, 6 July 2023	9:01am	Friday, 7 July 2023	9:00am	0.2	0.2
Friday, 7 July 2023	9:01am	Saturday, 8 July 2023	9:00am	0.0	0.0
Saturday, 8 July 2023	9:01am	Sunday, 9 July 2023	9:00am	0.0	0.0
Sunday, 9 July 2023	9:01am	Monday, 10 July 2023	9:00am	0.0	0.0
Monday, 10 July 2023	9:01am	Tuesday, 11 July 2023	9:00am	0.2	0.2
Tuesday, 11 July 2023	9:01am	Wednesday, 12 July 2023	9:00am	0.0	0.0
Wednesday, 12 July 2023	9:01am	Thursday, 13 July 2023	9:00am	0.0	0.0
Thursday, 13 July 2023	9:01am	Friday, 14 July 2023	9:00am	0.0	0.0
Friday, 14 July 2023	9:01am	Saturday, 15 July 2023	9:00am	0.2	0.2
Saturday, 15 July 2023	9:01am	Sunday, 16 July 2023	9:00am	0.2	0.2
Sunday, 16 July 2023	9:01am	Monday, 17 July 2023	9:00am	0.0	0.0
Monday, 17 July 2023	9:01am	Tuesday, 18 July 2023	9:00am	0.0	0.0
Tuesday, 18 July 2023	9:01am	Wednesday, 19 July 2023	9:00am	1.8	0.2
Wednesday, 19 July 2023	9:01am	Thursday, 20 July 2023	9:00am	4.0	0.4
Thursday, 20 July 2023	9:01am	Friday, 21 July 2023	9:00am	0.0	0.0
Friday, 21 July 2023	9:01am	Saturday, 22 July 2023	9:00am	0.0	0.0
Saturday, 22 July 2023	9:01am	Sunday, 23 July 2023	9:00am	0.0	0.0
Sunday, 23 July 2023	9:01am	Monday, 24 July 2023	9:00am	0.0	0.0
Monday, 24 July 2023	9:01am	Tuesday, 25 July 2023	9:00am	0.0	0.0
Tuesday, 25 July 2023	9:01am	Wednesday, 26 July 2023	9:00am	0.2	0.2
Wednesday, 26 July 2023	9:01am	Thursday, 27 July 2023	9:00am	0.2	0.2
Thursday, 27 July 2023	9:01am	Friday, 28 July 2023	9:00am	0.0	0.0
Friday, 28 July 2023	9:01am	Saturday, 29 July 2023	9:00am	0.0	0.0
Saturday, 29 July 2023	9:01am	Sunday, 30 July 2023	9:00am	0.0	0.0
Sunday, 30 July 2023	9:01am	Monday, 31 July 2023	9:00am	0.0	0.0
Monday, 31 July 2023	9:01am	Tuesday, 1 August 2023	9:00am	0.0	0.0
Tuesday, 1 August 2023	9:01am	Wednesday, 2 August 2023	9:00am	0.0	0.0
Wednesday, 2 August 2023	9:01am	Thursday, 3 August 2023	9:00am	1.0	0.2
Thursday, 3 August 2023	9:01am	Friday, 4 August 2023	9:00am	0.6	0.2
Friday, 4 August 2023	9:01am	Saturday, 5 August 2023	9:00am	1.4	0.2
Saturday, 5 August 2023	9:01am	Sunday, 6 August 2023	9:00am	0.8	0.2
Sunday, 6 August 2023	9:01am	Monday, 7 August 2023	9:00am	0.2	0.2
Monday, 7 August 2023	9:01am	Tuesday, 8 August 2023	9:00am	1.4	0.6
Tuesday, 8 August 2023	9:01am	Wednesday, 9 August 2023	9:00am	1.4	0.4
Wednesday, 9 August 2023	9:01am	Thursday, 10 August 2023	9:00am	0.0	0.0
Thursday, 10 August 2023	9:01am	Friday, 11 August 2023	9:00am	0.0	0.0
Friday, 11 August 2023	9:01am	Saturday, 12 August 2023	9:00am	0.0	0.0
Saturday, 12 August 2023	9:01am	Sunday, 13 August 2023	9:00am	0.0	0.0
Sunday, 13 August 2023	9:01am	Monday, 14 August 2023	9:00am	0.0	0.0
Monday, 14 August 2023	9:01am	Tuesday, 15 August 2023	9:00am	0.0	0.0
Tuesday, 15 August 2023	9:01am	Wednesday, 16 August 2023	9:00am	0.0	0.0
Wednesday, 16 August 2023	9:01am	Thursday, 17 August 2023	9:00am	3.8	0.8
Thursday, 17 August 2023	9:01am	Friday, 18 August 2023	9:00am	0.2	0.2
Friday, 18 August 2023	9:01am	Saturday, 19 August 2023	9:00am	0.0	0.0
Saturday, 19 August 2023	9:01am	Sunday, 20 August 2023	9:00am	0.0	0.0
Sunday, 20 August 2023	9:01am	Monday, 21 August 2023	9:00am	0.0	0.0
Monday, 21 August 2023	9:01am	Tuesday, 22 August 2023	9:00am	0.0	0.0
Tuesday, 22 August 2023	9:01am	Wednesday, 23 August 2023	9:00am	0.0	0.0
Wednesday, 23 August 2023	9:01am	Thursday, 24 August 2023	9:00am	0.0	0.0
Thursday, 24 August 2023	9:01am	Friday, 25 August 2023	9:00am	0.0	0.0
Friday, 25 August 2023	9:01am	Saturday, 26 August 2023	9:00am	0.0	0.0
Saturday, 26 August 2023	9:01am	Sunday, 27 August 2023	9:00am	0.0	0.0
Sunday, 27 August 2023	9:01am	Monday, 28 August 2023	9:00am	0.0	0.0
Monday, 28 August 2023	9:01am	Tuesday, 29 August 2023	9:00am	0.0	0.0
Tuesday, 29 August 2023	9:01am	Wednesday, 30 August 2023	9:00am	0.8	0.2
Wednesday, 30 August 2023	9:01am	Thursday, 31 August 2023	9:00am	12.8	0.6
Thursday, 31 August 2023	9:01am	Friday, 1 September 2023	9:00am	0.0	0.0
Friday, 1 September 2023	9:01am	Saturday, 2 September 2023	9:00am	0.0	0.0
Saturday, 2 September 2023	9:01am	Sunday, 3 September 2023	9:00am	0.0	0.0
Sunday, 3 September 2023	9:01am	Monday, 4 September 2023	9:00am	9.8	0.4
Monday, 4 September 2023	9:01am	Tuesday, 5 September 2023	9:00am	0.0	0.0
Tuesday, 5 September 2023	9:01am	Wednesday, 6 September 2023	9:00am	0.0	0.0
Wednesday, 6 September 2023	9:01am	Thursday, 7 September 2023	9:00am	0.0	0.0
Thursday, 7 September 2023	9:01am	Friday, 8 September 2023	9:00am	0.0	0.0
Friday, 8 September 2023	9:01am	Saturday, 9 September 2023	9:00am	0.0	0.0
Saturday, 9 September 2023	9:01am	Sunday, 10 September 2023	9:00am	0.0	0.0
Sunday, 10 September 2023	9:01am	Monday, 11 September 2023	9:00am	0.0	0.0
Monday, 11 September 2023	9:01am	Tuesday, 12 September 2023	9:00am	0.0	0.0
Tuesday, 12 September 2023	9:01am	Wednesday, 13 September 2023	9:00am	0.0	0.0
Wednesday, 13 September 2023	9:01am	Thursday, 14 September 2023	9:00am	0.0	0.0
Thursday, 14 September 2023	9:01am	Friday, 15 September 2023	9:00am	0.0	0.0
Friday, 15 September 2023	9:01am	Saturday, 16 September 2023	9:00am	0.0	0.0
Saturday, 16 September 2023	9:01am	Sunday, 17 September 2023	9:00am	0.0	0.0
Sunday, 17 September 2023	9:01am	Monday, 18 September 2023	9:00am	0.0	0.0
Monday, 18 September 2023	9:01am	Tuesday, 19 September 2023	9:00am	0.0	0.0
Tuesday, 19 September 2023	9:01am	Wednesday, 20 September 2023	9:00am	0.0	0.0
Wednesday, 20 September 2023	9:01am	Thursday, 21 September 2023	9:00am	0.0	0.0
Thursday, 21 September 2023	9:01am	Friday, 22 September 2023	9:00am	0.0	0.0
Friday, 22 September 2023	9:01am	Saturday, 23 September 2023	9:00am	0.0	0.0
Saturday, 23 September 2023	9:01am	Sunday, 24 September 2023	9:00am	1.4	0.4
Sunday, 24 September 2023	9:01am	Monday, 25 September 2023	9:00am	1.2	0.2
Monday, 25 September 2023	9:01am	Tuesday, 26 September 2023	9:00am	1.6	0.6
Tuesday, 26 September 2023	9:01am	Wednesday, 27 September 2023	9:00am	0.2	0.2
Wednesday, 27 September 2023	9:01am	Thursday, 28 September 2023	9:00am	0.0	0.0
Thursday, 28 September 2023	9:01am	Friday, 29 September 2023	9:00am	0.0	0.0
Friday, 29 September 2023	9:01am	Saturday, 30 September 2023	9:00am	8.0	0.4
Saturday, 30 September 2023	9:01am	Sunday, 1 October 2023	9:00am	0.0	0.0
Sunday, 1 October 2023	9:01am	Monday, 2 October 2023	9:00am	0.0	0.0
Monday, 2 October 2023	9:01am	Tuesday, 3 October 2023	9:00am	0.0	0.0
Tuesday, 3 October 2023	9:01am	Wednesday, 4 October 2023	9:00am	0.0	0.0
Wednesday, 4 October 2023	9:01am	Thursday, 5 October 2023	9:00am	0.0	0.0
Thursday, 5 October 2023	9:01am	Friday, 6 October 2023	9:00am	4.4	0.4
Friday, 6 October 2023	9:01am	Saturday, 7 October 2023	9:00am	0.0	0.0
Saturday, 7 October 2023	9:01am	Sunday, 8 October 2023	9:00am	1.8	0.2
Sunday, 8 October 2023	9:01am	Monday, 9 October 2023	9:00am	2.6	0.2
Monday, 9 October 2023	9:01am	Tuesday, 10 October 2023	9:00am	1.4	0.2
Tuesday, 10 October 2023	9:01am	Wednesday, 11 October 2023	9:00am	0.0	0.0
Wednesday, 11 October 2023	9:01am	Thursday, 12 October 2023	9:00am	0.2	0.2
Thursday, 12 October 2023	9:01am	Friday, 13 October 2023	9:00am	0.0	0.0
Friday, 13 October 2023	9:01am	Saturday, 14 October 2023	9:00am	0.0	0.0
Saturday, 14 October 2023	9:01am	Sunday, 15 October 2023	9:00am	0.0	0.0
Sunday, 15 October 2023	9:01am	Monday, 16 October 2023	9:00am	0.0	0.0
Monday, 16 October 2023	9:01am	Tuesday, 17 October 2023	9:00am	0.0	0.0
Tuesday, 17 October 2023	9:01am	Wednesday, 18 October 2023	9:00am	0.0	0.0
Wednesday, 18 October 2023	9:01am	Thursday, 19 October 2023	9:00am	0.2	0.2
Thursday, 19 October 2023	9:01am	Friday, 20 October 2023	9:00am	0.2	0.2
Friday, 20 October 2023	9:01am	Saturday, 21 October 2023	9:00am	0.0	0.0
Saturday, 21 October 2023	9:01am	Sunday, 22 October 2023	9:00am	0.0	0.0
Sunday, 22 October 2023	9:01am	Monday, 23 October 2023	9:00am	0.0	0.0
Monday, 23 October 2023	9:01am	Tuesday, 24 October 2023	9:00am	0.0	0.0
Tuesday, 24 October 2023	9:01am	Wednesday, 25 October 2023	9:00am	0.0	0.0
Wednesday, 25 October 2023	9:01am	Thursday, 26 October 2023	9:00am	0.0	0.0
Thursday, 26 October 2023	9:01am	Friday, 27 October 2023	9:00am	22.6	1.8
Friday, 27 October 2023	9:01am	Saturday, 28 October 2023	9:00am	13.4	0.4
Saturday, 28 October 2023	9:01am	Sunday, 29 October 2023	9:00am	0.6	0.2
Sunday, 29 October 2023	9:01am	Monday, 30 October 2023	9:00am	0.2	0.2
Monday, 30 October 2023	9:01am	Tuesday, 31 October 2023	9:00am	0.0	0.0
Tuesday, 31 October 2023	9:01am	Wednesday, 1 November 2023	9:00am	0.0	0.0
Wednesday, 1 November 2023	9:01am	Thursday, 2 November 2023	9:00am	0.0	0.0
Thursday, 2 November 2023	9:01am	Friday, 3 November 2023	9:00am	0.0	0.0
Friday, 3 November 2023	9:01am	Saturday, 4 November 2023	9:00am	0.0	0.0
Saturday, 4 November 2023	9:01am	Sunday, 5 November 2023	9:00am	0.0	0.0
Sunday, 5 November 2023	9:01am	Monday, 6 November 2023	9:00am	7.2	0.6
Monday, 6 November 2023	9:01am	Tuesday, 7 November 2023	9:00am	2.0	0.2
Tuesday, 7 November 2023	9:01am	Wednesday, 8 November 2023	9:00am	0.4	0.2
Wednesday, 8 November 2023	9:01am	Thursday, 9 November 2023	9:00am	0.0	0.0
Thursday, 9 November 2023	9:01am	Friday, 10 November 2023	9:00am	0.0	0.0
Friday, 10 November 2023	9:01am	Saturday, 11 November 2023	9:00am	0.0	0.0
Saturday, 11 November 2023	9:01am	Sunday, 12 November 2023	9:00am	22.4	1.4
Sunday, 12 November 2023	9:01am	Monday, 13 November 2023	9:00am	0.8	0.2
Monday, 13 November 2023	9:01am	Tuesday, 14 November 2023	9:00am	0.0	0.0

**Sampling Point:** **Monitoring Point 12 - Stormwater Discharge From Stockpile Catchment Basin**  
 Licence: Cape Byron Management Pty Ltd  
 Location: Condong Cogeneration Power Plant  
 EPL No: 20424  
 Parameter/s Monitored: See Table  
 Frequency & Method: Sampling any discharge, whether controlled or otherwise, which has not occurred from rainfall exceeding 82mm over any consecutive five day period  
 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.



Date Sampled	Date Received	Date Published						Notes	
			90 Percentile Limit	BOD <sub>5</sub> (mg/L)	Nitrogen (mg/L)	pH	Phosphorus (mg/L)		TSS (mg/L)
			Maximum Limit	30	10	6.5 - 8.5	No Limit	50.0	
19-Jan-21	28-Jan-21	29-Jan-21		8.2	1.3	7.88	0.3	32.0	
23-Feb-21	01-Mar-21	12-Mar-21		10.0	2.1	7.17	0.9	37.0	
15-Mar-21	22-Mar-21	08-Apr-21		5.5	1.2	7.47	0.5	44.0	
25-Mar-21	31-Mar-21	08-Apr-21		15.0	0.9	6.99	0.4	38.0	
13-May-21	19-May-21	02-Jun-21		3.7	0.8	7.65	0.2	11.0	
09-Jul-21	14-Jul-21	16-Jul-21		9.7	1.0	6.89	0.2	37.0	
13-Oct-21	20-Oct-21	22-Oct-21		15.0	1.0	7.15	0.2	27.0	
08-Dec-21	15-Dec-21	22-Dec-21		6.6	1.3	7.60	0.4	17.0	
30-Dec-21	05-Jan-22	14-Jan-22		5.2	0.8	7.35	0.2	23.0	
13-May-22	18-May-22	31-May-22		2.8	2.0	7.15	0.3	28.0	
22-Jul-22	27-Jul-22	02-Aug-22		<1.0	1.0	7.27	0.3	40.0	
27-Jul-22	08-Aug-22	10-Aug-22		8.5	0.9	6.80	0.4	44.0	
26-Sep-22	04-Oct-22	05-Oct-22		3.0	0.9	7.18	0.2	38.0	
03-Nov-22	11-Nov-22	16-Nov-22		5.4	1.1	8.50	0.2	30.0	

**Monitoring Point 9 - Cogeneration Cooling Water Discharge**  
 License Case Byram Management Plan Ltd  
 Location Condors Cooseneration Power Plant  
 EPA No 2624  
 Parameters Monitored See Table  
 Frequency & Method Weekly Composite (Laboratory Analysis) samples required during periods that the cooling tower is operational only  
 Limits 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					Notes	
			BOD <sub>5</sub> (mg/L)	TSS (mg/L)	Phosphorus (mg/L)	Nitrogen (mg/L)	Total Residual Chlorine (mg/L)		
			30	40	2.5	45	0.3		
			Maximum Limit	40	50	3.0	50	0.4	
12-Jan-22	20-Jan-22	28-Jan-22	1.0	13.0	0.2	22.5	0.01		
NA	26-Feb-22	22-Apr-22	n/a	n/a	n/a	n/a	n/a	Cooling Tower offline 1/2/22, 12/2/22	
NA	26-Feb-22	22-Apr-22	n/a	n/a	n/a	n/a	n/a	Cooling Tower offline 14/2/22, 15/2/22, 16/2/22, 19/2/22, 20/2/22	
NA	04-Mar-22	22-Apr-22	2.7	7.0	0.2	17.8	0.02	Cooling Tower offline 21/02/22, 28/02/2022	
								Flood damage to plant operations Cooling tower offline 01/03/22 to 12/04/22	
13-Apr-22	20-Apr-22	22-Apr-22	2.7	15.0	0.4	17.8	0.02		
21-Apr-22	03-May-22	08-May-22	27.4	2.0	0.1	27.4	0.02		
28-Apr-22	06-May-22	18-May-22	1.8	3.0	0.2	21.6	0.07		
05-May-22	17-May-22	18-May-22	4.8	3.0	0.2	19.8	0.04		
13-May-22	24-May-22	31-May-22	3.0	2.0	0.2	19.0	0.23		
18-May-22	27-May-22	31-May-22	3.9	4.0	0.2	10.1	0.02		
26-May-22	03-Jun-22	17-Jun-22	< 1.0	6.0	0.2	8.4	0.21		
02-Jun-22	06-Jun-22	17-Jun-22	3.0	4.0	0.3	12.7	0.03		
07-Jun-22	21-Jun-22	17-Jun-22	3.0	2.0	0.2	15.4	0.1		
15-Jun-22	28-Jun-22	17-Jun-22	9.3	2.0	0.2	12.6	0.2		
22-Jun-22	28-Jun-22	29-Jun-22	< 1.0	< 1.0	0.2	14.5	0.0		
30-Jun-22	02-Jul-22	15-Apr-22	< 1.0	2.0	0.2	14.0	0.3		
07-Jul-22	08-Jul-22	27-Jul-22	1.5	2.0	0.17	13.3	0.01		
13-Jul-22	19-Jul-22	27-Jul-22	2.1	4.0	0.22	11.2	0.01		
18-Jul-22	26-Jul-22	09-Aug-22	1.5	2.0	0.21	9.84	0.03		
26-Jul-22	02-Aug-22	09-Aug-22	3.9	2.0	0.2	10.7	0.03		
02-Aug-22	10-Aug-22	24-Aug-22	2.7	4.0	0.22	11.8	0.02		
07-Aug-22	23-Aug-22	24-Aug-22	1.5	4.0	0.22	8.43	0.03		
23-Aug-22	31-Aug-22	07-Sep-22	3.6	4.0	0.23	17.0	0.03		
26-Aug-22	06-Sep-22	07-Sep-22	9.0	4.0	0.12	16.6	0.17		
06-Sep-22	15-Sep-22	21-Sep-22	3.0	5.0	0.15	15.2	0.07		
12-Sep-22	21-Sep-22	05-Oct-22	1.2	8.0	1.3	7.7	0.14		
19-Sep-22	26-Sep-22	05-Oct-22	1.8	3.0	0.3	10.5	0.04		
26-Sep-22	11-Oct-22	19-Oct-22	2.4	4.0	1.2	12.8	0.19		
04-Oct-22	11-Oct-22	19-Oct-22	1.8	2.0	2.0	8.6	0.23		
19-Oct-22	18-Oct-22	19-Oct-22	1.5	4.0	1.46	9.73	0.14		
17-Oct-22	28-Oct-22	02-Nov-22	3.3	4	0.28	9.99	0.08		
27-Oct-22	08-Nov-22	16-Nov-22	1.2	22	0.71	22.2	0.02		
31-Oct-22	08-Nov-22	16-Nov-22	1.8	8	0.35	11.7	0.11		
07-Nov-22	15-Nov-22	16-Nov-22	4.8	7	0.23	9.85	0.07		
14-Nov-22	22-Nov-22	30-Nov-22	5.1	5	0.24	22.4	0.08		
21-Nov-22	29-Nov-22	30-Nov-22	4.5	8	0.13	18.9	0.12		
29-Nov-22	07-Dec-22	15-Dec-22	12	5	0.22	32.5	0.07		
07-Dec-22	14-Dec-22	15-Dec-22	4.2	19	0.48	18.1	0.28		
12-Dec-22	21-Dec-22	25-Jan-23	2.1	12	0.3	16.3	0.1		
18-Dec-22	30/1/2023	25-Jan-23	2.1	7	0.33	16.9	0.15	No sample factory shut down	
02-Jan-23	04-Jan-23	25-Jan-23	3.6	14	0.42	16.3	0.22		
09-Jan-23	23-Jan-23	25-Jan-23	< 1.0	12	0.78	20.9	0.16		
18-Jan-23	31-Jan-23	08-Feb-23	< 1.0	7	0.44	9.8	0.04		
23-Jan-23	01-Feb-23	08-Feb-23	1.8	7	0.41	9.55	0.14		
30-Jan-23	06-Jan-23	08-Feb-23	< 1.0	8	0.33	8.13	0.22		
06-Feb-23	21-Feb-23	22-Feb-23	< 1.0	10	1.11	7.3	0.15		
13-Feb-23	24-Feb-23	08-Mar-23	< 1.0	8	0.35	14.2	0.16		
20-Feb-23	27-Feb-23	08-Mar-23	< 1.0	10	0.45	11.2	0.16		
27-Feb-23	06-Mar-23	08-Mar-23	< 1.0	6	0.3	14.3	0.17	Factory shut down 06/03/2023-19/03/2023 for annual shut down	
06-Mar-23	NA	22-Mar-23	NA	NA	NA	NA	NA		
20-Mar-23	03-Apr-23	05-Apr-23	5.1	24	0.33	14.4	0.1		
27-Mar-23	06-Apr-23	05-Apr-23	< 1.0	5	0.52	15.8	0.03		
03-Apr-23	12-Apr-23	19-Apr-23	2.1	5	0.24	16.2	0.14		
11-Apr-23	18-Apr-23	19-Apr-23	< 1.0	9	0.3	19.3	0.19		
20-Apr-23	28-May-23	03-May-23	1.2	5	0.24	16.7	0.08		
01-May-23	10-May-23	17-May-23	< 1.0	3	0.25	10.5	0.16		
08-May-23	19-May-23	31-May-23	< 0.1	7	0.27	14.1	0.27		
15-May-23	23-May-23	31-May-23	2.1	3	0.25	16.7	0.16		
26-May-23	07-Jun-23	14-Jun-23	2.7	2	0.38	10.4	0.12		
05-Jun-23	13-Jun-23	14-Jun-23	< 1.0	7	0.32	14.5	0.3		
13-Jun-23	22-Jun-23	28-Jun-23	< 1.0	3	0.36	10.6	0.21		
26-Jun-23	03-Jul-23	13-Jul-23	3.8	3	0.21	7.69	0.11		
03-Jul-23	13-Jul-23	26-Jul-23	2.7	3	0.23	7.04	0.01		
10-Jul-23	21-Jul-23	26-Jul-23	3.3	2	0.23	9.5	0.01		
19-Jul-23	27-Jul-23	09-Aug-23	2	2	0.43	14	0.03		
24-Jul-23	31-Jul-23	09-Aug-23	3.9	3	0.35	12.1	0.18		
31-Jul-23	07-Aug-23	09-Aug-23	< 1.0	3	0.36	13.6	0.12		
07-Aug-23	16-Aug-23	23-Aug-23	2.4	1	0.44	10.4	0.11		
16-Aug-23	16-Aug-23	23-Aug-23	1.8	7	0.33	10.1	0.03		
21-Aug-23	24-Aug-23	06-Sep-23	2	19	1.39	10.5	0.05		
28-Aug-23	05-Sep-23	20-Sep-23	2.4	4	1.05	9.21	0.12		
04-Sep-23	13-Sep-23	20-Sep-23	3.3	3	1.21	9.25	0.13		
19-Sep-23	06-Sep-23	05-Oct-23	2.4	9	0.42	9.2	0.08		
26-Sep-23	04-Oct-23	05-Oct-23	2.4	9	0.43	10.7	0.11		
14-Oct-23	10-Oct-23	19-Oct-23	5.1	8	0.87	14.8	0.05		
09-Oct-23	17-Oct-23	19-Oct-23	< 1.0	9	1.78	6.8	0.1		
16-Oct-23	23-Oct-23	01-Nov-23	3	15	1.31	17.1	0.07		
23-Oct-23	30-Oct-23	01-Nov-23	37	4.8	2.22	24.4	0.08		
30-Oct-23	13-Nov-23	16-Nov-23	4.5	19	1.51	13.2	0.04		
06-Nov-23	13-Nov-23	16-Nov-23	4.5	11	2.03	12	0.11		

**Sampling Point:** Monitoring Point 8 - Injection Water Inlet, Background River Water Temperature  
**Licence:** Cape Byron Management Pty Ltd  
**Location:** Condensate Cogeneration Power Plant  
**EPL No:** 20424  
**Parameters Monitored:** Temperature (°C)  
**Frequency & Method:** Fortnightly Representative Sample  
**Limits:** 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
6-Jan-21	20-Jan-21	27.0	
27-Jan-21	29-Jan-21	28.0	
8-Feb-21	10-Feb-21	28.0	
22-Feb-21	26-Feb-21	28.0	
8-Mar-21	12-Mar-21	27.0	
15-Mar-21	08-Apr-21	27.0	
29-Mar-21	08-Apr-21	27.0	
6-Apr-21	08-Apr-21	25.0	
19-Apr-21	22-Apr-21	24.5	
27-Apr-21	06-May-21	25.0	
10-May-21	20-May-21	22.0	
24-May-21	02-Jun-21	20.0	
4-Jun-21	17-Jun-21	20.0	
16-Jun-21	02-Jul-21	20.0	
23-Jun-21	02-Jul-21	20.0	
7-Jul-21	16-Jul-21	19.5	
12-Jul-21	16-Jul-21	20.0	
26-Jul-21	30-Jul-21	19.0	
9-Aug-21	13-Aug-21	19.0	
23-Aug-21	26-Aug-21	19.0	
31-Aug-21	09-Sep-21	19.0	
10-Sep-21	23-Sep-21	19.5	
21-Sep-21	23-Sep-21	22.5	
4-Oct-21	08-Oct-21	22.0	
11-Oct-21	22-Oct-21	24.0	
22-Oct-21	05-Nov-21	24.0	
2-Nov-21	05-Nov-21	24.5	
12-Nov-21	15-Dec-21	24.0	
6-Dec-21	15-Dec-21	24.0	
20-Dec-21	15-Dec-21	25.0	
29-Dec-21	14-Jan-22	24.0	
11-Jan-22	14-Jan-22	26.5	
11-Jan-22	22-Apr-22	26.0	
26-Jan-22	22-Apr-22	25.0	
31-Jan-22	22-Apr-22	28.0	
21-Jan-22	22-Apr-22	30.0	
3-Feb-22	22-Apr-22	24.0	
11-Feb-22	22-Apr-22	24.0	
12-Feb-22	22-Apr-22	24.0	
17-Feb-22	22-Apr-22	25.0	
18-Feb-22	22-Apr-22	29.0	
19-Feb-22	22-Apr-22	24.0	
21-Feb-22	22-Apr-22	24.0	Flood damage to plant operations
11-Apr-22	22-Apr-22	23.1	Flood damage to plant operations
21-Apr-22	22-Apr-22	26.0	
28-Apr-22	06-May-22	25.0	
5-May-22	06-May-22	26.0	
16-May-22	17-May-22	26.5	
23-May-22	31-May-22	26.0	
6-Jun-22	17-Jun-22	25.0	
13-Jun-22	29-Jun-22	24.0	
20-Jun-22	29-Jun-22	24.0	
27-Jun-22	15-Jul-22	24.0	
4-Jul-22	15-Jul-22	24.0	
11-Jul-22	15-Jul-22	24.0	
18-Jul-22	27-Jul-22	24.0	
25-Jul-22	31-Jul-22	24.0	
1-Aug-22	08-Aug-22	24.0	
9-Aug-22	24-Aug-22	24.0	
16-Aug-22	24-Aug-22	24.0	
23-Aug-22	24-Aug-22	24.0	
30-Aug-22	07-Sep-22	24.0	
6-Sep-22	21-Sep-22	24.0	
13-Sep-22	21-Sep-22	24.0	
20-Sep-22	5-Oct-22	22.0	
4-Oct-22	19-Oct-22	22.0	
18-Oct-22	19-Oct-22	22.0	
1-Nov-22	02-Nov-22	22.0	
8-Nov-22	16-Nov-22	22.0	
15-Nov-22	16-Nov-22	24.5	
22-Nov-22	30-Nov-22	27.0	
29-Nov-22	30-Nov-22	26.0	
8-Dec-22	14-Dec-22	27.0	
19-Dec-22	25-Jan-23	26.5	
2-Jan-23	25-Jan-23	28.0	
16-Jan-23	25-Jan-23	28.0	
23-Jan-23	08-Feb-23	28.0	
6-Feb-23	08-Feb-23	28.0	
13-Feb-23	22-Feb-23	28.0	
26-Feb-23	08-Mar-23	28.0	
1-Mar-23	08-Mar-23	30.5	
13-Mar-23	22-Mar-23	30.5	
20-Mar-23	22-Mar-23	30.5	
27-Mar-23	05-Apr-23	30.5	
3-Apr-23	05-Apr-23	30.5	
10-Apr-23	19-Apr-23	30.5	
17-Apr-23	19-Apr-23	30.5	
24-Apr-23	03-May-23	30.5	
1-May-23	03-May-23	30.5	
8-May-23	17-May-23	30.5	
18-May-23	31-May-23	19.0	
4-Jun-23	14-Jun-23	19.0	
7-Jun-23	14-Jun-23	22.5	
12-Jun-23	14-Jun-23	20.0	
14-Jun-23	21-Jun-23	20.0	
21-Jun-23	26-Jun-23	20.0	
26-Jun-23	03-Jul-23	20.0	
3-Jul-23	09-Jul-23	21.5	
10-Jul-23	26-Jul-23	21.5	
17-Jul-23	26-Jul-23	21.5	
24-Jul-23	09-Aug-23	21.5	
30-Jul-23	09-Aug-23	21.5	
14-Aug-23	23-Aug-23	24.5	
20-Aug-23	23-Aug-23	24.5	
4-Sep-23	20-Sep-23	24.5	
16-Sep-23	20-Sep-23	24.5	
21-Sep-23	04-Oct-23	24.5	
14-Oct-23	19-Oct-23	24.5	
24-Oct-23	28-Oct-23	28.0	
30-Oct-23	16-Nov-23	28.0	
5-Nov-23	16-Nov-23	28.0	



Licence  
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
31-Jan-22	9	Oxygen	Min. -0.95 Max. -0.93 Mean -0.93	Min. 2.92 Max. 20.14 Mean 16.44	18-May-22	11-Feb-22	Failed probe identified used back up probe data
7-Feb-22	9	Oxygen	Min. -0.95 Max. -0.93 Mean -0.94	Min. 3.56 Max. 20.54 Mean 12.46	18-May-22	11-Feb-22	Failed probe identified used back up probe data
14-Feb-22	9	Oxygen	Min. -0.95 Max. -0.93 Mean -0.94	Min. 1.97 Max. 20.28 Mean 13.54	18-May-22	25-Feb-22	Failed probe identified used back up probe data
21-Feb-22	9	Oxygen	NA	Min. 1.97 Max. 20.28 Mean 13.54	18-May-22	22-Apr-22	Failed probe identified used back up probe data
11 April - 30 April 22	9	pH Temp O2	None collected	As per sheet	18-Jul-22	01-May-22	Data recoverd from failed hard drive 11-30 April and updated to system on the 18/07/2022