

11 March 2020

Julie Thomas
Environmental Superintendent
Muswellbrook Coal Company Ltd

Dear Julie,

Ambient Air Monitoring - Muscle Creek Rd - February 2020

1.0 Introduction

AECOM Australia Pty Ltd (AECOM) was appointed by Muswellbrook Coal Company Ltd (MCC) to provide static real time atmospheric monitoring for Hydrogen Sulfide (H₂S) and Sulfur Dioxide (SO₂) at one location on Muscle Creek Road, Muswellbrook.

Monitoring is conducted using a GrayWolf Advanced Sense II Probe with Hydrogen Sulfide and Sulfur Dioxide sensors capable of reading in the parts per billion range. Data is recorded as 5 minute average concentrations on an Advanced Sense unit with live data then transmitted to an online account at regular intervals where it can be viewed and downloaded for further analysis by MCC and AECOM staff.

Meteorology data is obtained from the onsite MCC weather station, located approximately 6km to the northwest of the monitoring location. Wind data will be analysed each month with the aim of identifying any trends or relationships between the wind data and monitoring results. Results are reported on a monthly basis with this report presenting results for the period 1 February to 29 February 2020.

2.0 Site Location

The monitoring location on Muscle Creek Rd was chosen due to it being downwind of the mine site during the prevailing north westerly winds. Siting was performed in accordance with AS 3580.1.1 2016.



Figure 1 Muscle Creek Rd Monitoring Location

3.0 Assessment Criteria

The gaseous ambient air quality criteria in **Table 1** and **Table 2** are reproduced from the MCC Development Consent (DA 205/2002, Condition 28).

Table 1 H₂S Assessment Criteria

Analyte Averaging Period	Criteria	Unit
H ₂ S 1 Hour Average	500	ppb
H ₂ S 24 Hour Average	100	ppb

Table 2 SO₂ Assessment Criteria

Analyte Averaging Period	Criteria	Unit
SO ₂ 1 Hour Average	200	ppb
SO ₂ 24 Hour Average	80	ppb

4.0 Methodology

Monitoring is performed by a GrayWolf Advanced Sense II Probe fitted with H₂S and SO₂ sensors. The unit is enclosed in a weatherproof case with the sensor at a height of approximately 1.8m above the ground. While the sensor is designed as a passive sampler, a small fan has been installed to generate airflow past the sensor ensuring adequate air movement to provide a representative atmosphere for gas analysis.

The GrayWolf monitor measures gasses in parts per million (ppm) with the following limits of detection (LOD).

- H₂S: 0.01 ppm; and
- SO₂: 0.01 ppm.

Readings are logged in parts per million (ppm) and are converted to parts per billion (ppb) for reporting purposes, with the LOD's being 10 ppb for both H₂S and SO₂. For the calculation of 1hr and 24hr averages, where the instrument returns a zero reading, half the instrument LOD value is used (5 ppb).

5.0 Results

A summary of the H₂S and SO₂ results for February 2020 is presented in **Table 3**. **Table 4** provides a summary of 24hr (midnight to midnight) averages along with maximum 1hr averages for each day. Data is shown graphically against the relevant criteria in **Figure 2** and **Figure 3** with 1 hour data attached in **Tables 5** and **6**. It should be noted that the plots present 1 hour rolling averages calculated from raw data.

The project Advance Sense display unit is currently with Graywolf in Ireland for assessment and repair following the failure of this unit in December 2019. While GrayWolf provided a replacement unit for the interim period there have been ongoing issues with the setup through February resulting in numerous interruptions to the data logging.

Although GrayWolf has provided software updates which have been installed, these issues continued into early March. In agreement with Muswellbrook Coal, the GrayWolf setup was replaced with an AreaRAE on 9 March 2020 in an effort to achieve a reliable monitoring solution.

Table 3 Gaseous Monitoring Results – February 2020

Parameter	Units	Hydrogen Sulfide (H ₂ S)	Sulfur Dioxide (SO ₂)
Maximum 1 Hour Average	ppb	5.0*	5.4
Maximum 24 Hour Average	ppb	5.0	5.0
Number of Exceedances – 1 Hour	-	0	0
Number of Exceedances – 24 Hour	-	0	0

* All raw data returned less than the instrument limit of detection. Half of the LOD value reported. Refer **Section 4.0**.

There were no exceedances of the applicable criteria for either H₂S or SO₂ for the February 2020 monitoring period. The data capture rates for February 2020 were 44.10% for both H₂S and SO₂.

Table 4 24hr Averages (Midnight to Midnight) and Maximum 1hr Averages – February 2020

Date	Hydrogen Sulfide (H ₂ S) (ppb)		Sulfur Dioxide (SO ₂) (ppb)	
	24hr Average	Maximum 1hr Average	24hr Average	Maximum 1hr Average
1/02/2020	No Data	No Data	No Data	No Data
2/02/2020	No Data	No Data	No Data	No Data
3/02/2020	No Data	No Data	No Data	No Data
4/02/2020	Insufficient Data	5*	Insufficient Data	5*
5/02/2020	5*	5*	5*	5*
6/02/2020	5*	5*	5*	5*
7/02/2020	Insufficient Data	5*	Insufficient Data	5*
8/02/2020	No Data	No Data	No Data	No Data
9/02/2020	No Data	No Data	No Data	No Data
10/02/2020	Insufficient Data	5*	Insufficient Data	5*
11/02/2020	Insufficient Data	5*	Insufficient Data	5*
12/02/2020	No Data	No Data	No Data	No Data
13/02/2020	Insufficient Data	5*	Insufficient Data	5*
14/02/2020	5*	5*	5*	5*
15/02/2020	5*	5*	5*	5*
16/02/2020	5*	5*	5*	5*
17/02/2020	5*	5*	5*	5*
18/02/2020	Insufficient Data	5*	Insufficient Data	5*
19/02/2020	No Data	No Data	No Data	No Data
20/02/2020	Insufficient Data	5*	Insufficient Data	5.4
21/02/2020	5*	5*	5*	5*
22/02/2020	Insufficient Data	5*	Insufficient Data	5*
23/02/2020	No Data	No Data	No Data	No Data
24/02/2020	No Data	No Data	No Data	No Data
25/02/2020	Insufficient Data	5*	Insufficient Data	5*
26/02/2020	5*	5*	5*	5*
27/02/2020	5*	5*	5*	5*
28/02/2020	Insufficient Data	5*	Insufficient Data	5*
29/02/2020	No Data	No Data	No Data	No Data
Criteria	100	500	80	200
Capture Rate	44.10%		44.10%	

* All raw data returned less than the instrument limit of detection. Half of the LOD value reported. Refer **Section 4.0**.

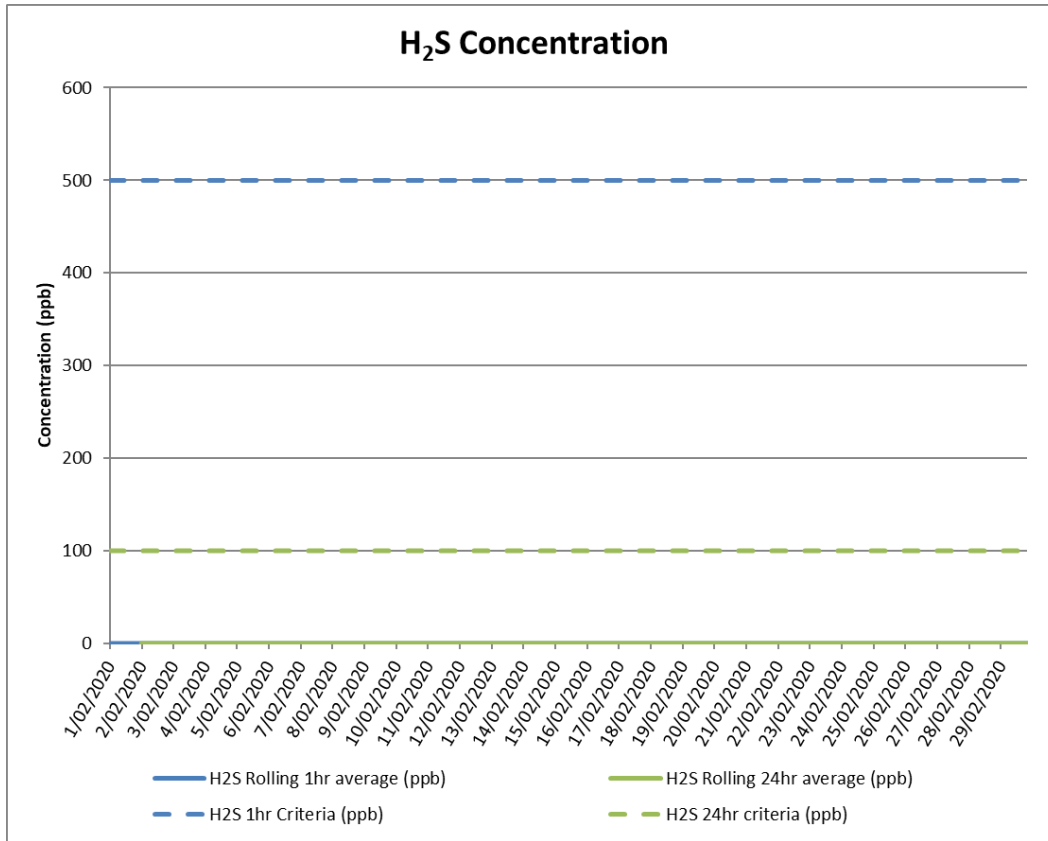


Figure 2 H₂S Concentrations – February 2020

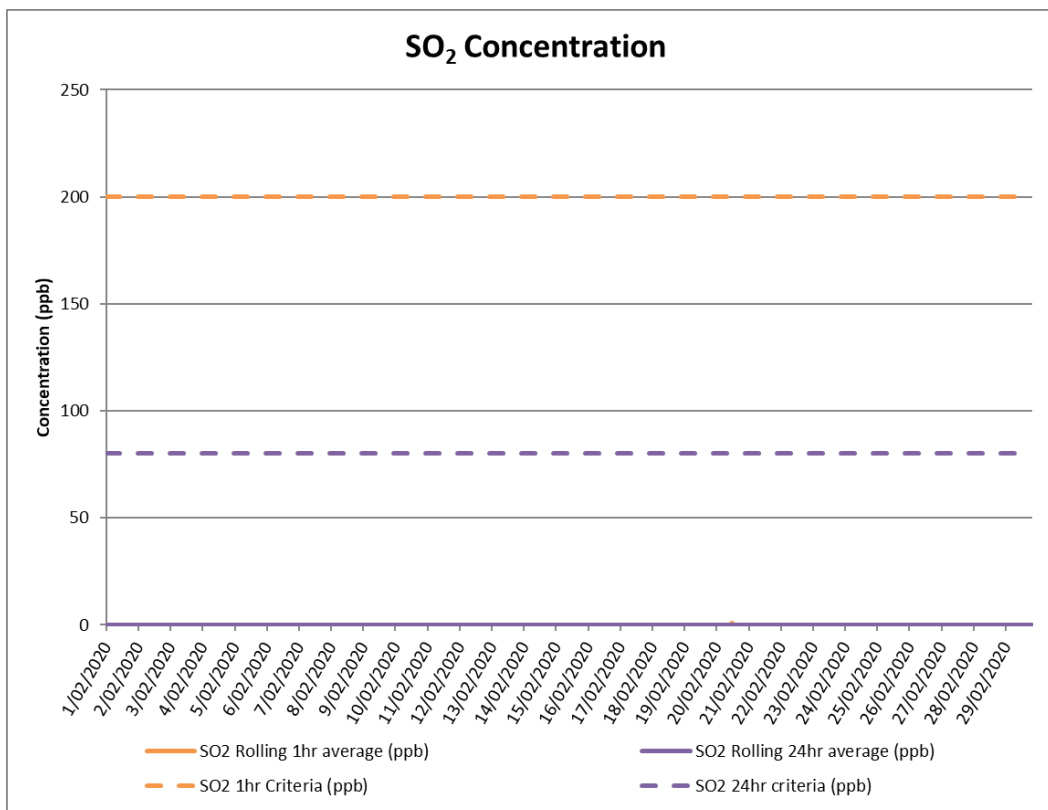


Figure 3 SO₂ Concentrations – February 2020

5.1 Meteorology

Meteorology data sourced from MCC's onsite meteorology station for February indicated winds were predominately from the South East quadrant. The average wind speed for the month was 2.2 m/s.

When winds are from the South East, the monitoring location is generally up wind of the mine site. A wind rose for this monitoring period can be found attached as **Figure 4**.

6.0 Conclusion

AECOM commenced ambient air quality monitoring on Muscle Creek Rd on 26 July 2017. Monitoring results for the period 1 to 29 February 2020 returned no exceedances of either the 1hr or 24hr criteria for H₂S or SO₂.

Both gases recorded data capture rates of 44.10% after the unit failed on a number of occasions throughout February resulting in no data being captured for multiple periods until onsite repairs could be made. As a result, the decision was made in agreement with Muswellbrook Coal to replace the GrayWolf unit with an AreaRAE monitor on 9 March 2020.

Wind data obtained from the MCC meteorology station indicates that winds for this period were predominantly from the South East quadrant placing the monitoring location generally upwind of the mine during February 2020.

Yours faithfully,



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encl: Hourly Monitoring Data, Wind Rose

AECOM in Australia and New Zealand is certified to ISO9001, ISO14001 AS/NZS4801 and OHSAS18001.

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Table 5 H₂S 1hr Data (ppb) – February 2020

Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average
1/02/2020	0	No Data	2/02/2020	0	No Data	3/02/2020	0	No Data	4/02/2020	0	No Data	5/02/2020	0	5
1/02/2020	1	No Data	2/02/2020	1	No Data	3/02/2020	1	No Data	4/02/2020	1	No Data	5/02/2020	1	5
1/02/2020	2	No Data	2/02/2020	2	No Data	3/02/2020	2	No Data	4/02/2020	2	No Data	5/02/2020	2	5
1/02/2020	3	No Data	2/02/2020	3	No Data	3/02/2020	3	No Data	4/02/2020	3	No Data	5/02/2020	3	5
1/02/2020	4	No Data	2/02/2020	4	No Data	3/02/2020	4	No Data	4/02/2020	4	No Data	5/02/2020	4	5
1/02/2020	5	No Data	2/02/2020	5	No Data	3/02/2020	5	No Data	4/02/2020	5	No Data	5/02/2020	5	5
1/02/2020	6	No Data	2/02/2020	6	No Data	3/02/2020	6	No Data	4/02/2020	6	No Data	5/02/2020	6	5
1/02/2020	7	No Data	2/02/2020	7	No Data	3/02/2020	7	No Data	4/02/2020	7	No Data	5/02/2020	7	5
1/02/2020	8	No Data	2/02/2020	8	No Data	3/02/2020	8	No Data	4/02/2020	8	No Data	5/02/2020	8	5
1/02/2020	9	No Data	2/02/2020	9	No Data	3/02/2020	9	No Data	4/02/2020	9	No Data	5/02/2020	9	5
1/02/2020	10	No Data	2/02/2020	10	No Data	3/02/2020	10	No Data	4/02/2020	10	No Data	5/02/2020	10	5
1/02/2020	11	No Data	2/02/2020	11	No Data	3/02/2020	11	No Data	4/02/2020	11	No Data	5/02/2020	11	5
1/02/2020	12	No Data	2/02/2020	12	No Data	3/02/2020	12	No Data	4/02/2020	12	No Data	5/02/2020	12	5
1/02/2020	13	No Data	2/02/2020	13	No Data	3/02/2020	13	No Data	4/02/2020	13	5	5/02/2020	13	5
1/02/2020	14	No Data	2/02/2020	14	No Data	3/02/2020	14	No Data	4/02/2020	14	5	5/02/2020	14	5
1/02/2020	15	No Data	2/02/2020	15	No Data	3/02/2020	15	No Data	4/02/2020	15	5	5/02/2020	15	5
1/02/2020	16	No Data	2/02/2020	16	No Data	3/02/2020	16	No Data	4/02/2020	16	5	5/02/2020	16	5
1/02/2020	17	No Data	2/02/2020	17	No Data	3/02/2020	17	No Data	4/02/2020	17	5	5/02/2020	17	5
1/02/2020	18	No Data	2/02/2020	18	No Data	3/02/2020	18	No Data	4/02/2020	18	5	5/02/2020	18	5
1/02/2020	19	No Data	2/02/2020	19	No Data	3/02/2020	19	No Data	4/02/2020	19	5	5/02/2020	19	5
1/02/2020	20	No Data	2/02/2020	20	No Data	3/02/2020	20	No Data	4/02/2020	20	5	5/02/2020	20	5
1/02/2020	21	No Data	2/02/2020	21	No Data	3/02/2020	21	No Data	4/02/2020	21	5	5/02/2020	21	5
1/02/2020	22	No Data	2/02/2020	22	No Data	3/02/2020	22	No Data	4/02/2020	22	5	5/02/2020	22	5
1/02/2020	23	No Data	2/02/2020	23	No Data	3/02/2020	23	No Data	4/02/2020	23	5	5/02/2020	23	5
Maximum		No Data			No Data			No Data			5*			5*

Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average
6/02/2020	0	5	7/02/2020	0	5	8/02/2020	0	No Data	9/02/2020	0	No Data	10/02/2020	0	No Data
6/02/2020	1	5	7/02/2020	1	5	8/02/2020	1	No Data	9/02/2020	1	No Data	10/02/2020	1	No Data
6/02/2020	2	5	7/02/2020	2	5	8/02/2020	2	No Data	9/02/2020	2	No Data	10/02/2020	2	No Data
6/02/2020	3	5	7/02/2020	3	5	8/02/2020	3	No Data	9/02/2020	3	No Data	10/02/2020	3	No Data
6/02/2020	4	5	7/02/2020	4	5	8/02/2020	4	No Data	9/02/2020	4	No Data	10/02/2020	4	No Data
6/02/2020	5	5	7/02/2020	5	5	8/02/2020	5	No Data	9/02/2020	5	No Data	10/02/2020	5	No Data
6/02/2020	6	5	7/02/2020	6	5	8/02/2020	6	No Data	9/02/2020	6	No Data	10/02/2020	6	No Data
6/02/2020	7	5	7/02/2020	7	5	8/02/2020	7	No Data	9/02/2020	7	No Data	10/02/2020	7	No Data
6/02/2020	8	5	7/02/2020	8	5	8/02/2020	8	No Data	9/02/2020	8	No Data	10/02/2020	8	No Data
6/02/2020	9	5	7/02/2020	9	No Data	8/02/2020	9	No Data	9/02/2020	9	No Data	10/02/2020	9	No Data
6/02/2020	10	5	7/02/2020	10	No Data	8/02/2020	10	No Data	9/02/2020	10	No Data	10/02/2020	10	No Data
6/02/2020	11	5	7/02/2020	11	No Data	8/02/2020	11	No Data	9/02/2020	11	No Data	10/02/2020	11	No Data
6/02/2020	12	5	7/02/2020	12	No Data	8/02/2020	12	No Data	9/02/2020	12	No Data	10/02/2020	12	No Data
6/02/2020	13	5	7/02/2020	13	No Data	8/02/2020	13	No Data	9/02/2020	13	No Data	10/02/2020	13	No Data
6/02/2020	14	5	7/02/2020	14	No Data	8/02/2020	14	No Data	9/02/2020	14	No Data	10/02/2020	14	No Data
6/02/2020	15	5	7/02/2020	15	No Data	8/02/2020	15	No Data	9/02/2020	15	No Data	10/02/2020	15	No Data
6/02/2020	16	5	7/02/2020	16	No Data	8/02/2020	16	No Data	9/02/2020	16	No Data	10/02/2020	16	5
6/02/2020	17	5	7/02/2020	17	No Data	8/02/2020	17	No Data	9/02/2020	17	No Data	10/02/2020	17	5
6/02/2020	18	5	7/02/2020	18	No Data	8/02/2020	18	No Data	9/02/2020	18	No Data	10/02/2020	18	5
6/02/2020	19	5	7/02/2020	19	No Data	8/02/2020	19	No Data	9/02/2020	19	No Data	10/02/2020	19	5
6/02/2020	20	5	7/02/2020	20	No Data	8/02/2020	20	No Data	9/02/2020	20	No Data	10/02/2020	20	5
6/02/2020	21	5	7/02/2020	21	No Data	8/02/2020	21	No Data	9/02/2020	21	No Data	10/02/2020	21	5
6/02/2020	22	5	7/02/2020	22	No Data	8/02/2020	22	No Data	9/02/2020	22	No Data	10/02/2020	22	5
6/02/2020	23	5	7/02/2020	23	No Data	8/02/2020	23	No Data	9/02/2020	23	No Data	10/02/2020	23	5
Maximum		5*			5*			No Data			No Data			5*

Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average
11/02/2020	0	5	12/02/2020	0	No Data	13/02/2020	0	No Data	14/02/2020	0	5	15/02/2020	0	5
11/02/2020	1	5	12/02/2020	1	No Data	13/02/2020	1	No Data	14/02/2020	1	5	15/02/2020	1	5
11/02/2020	2	5	12/02/2020	2	No Data	13/02/2020	2	No Data	14/02/2020	2	5	15/02/2020	2	5
11/02/2020	3	5	12/02/2020	3	No Data	13/02/2020	3	No Data	14/02/2020	3	5	15/02/2020	3	5
11/02/2020	4	5	12/02/2020	4	No Data	13/02/2020	4	No Data	14/02/2020	4	5	15/02/2020	4	5
11/02/2020	5	5	12/02/2020	5	No Data	13/02/2020	5	No Data	14/02/2020	5	5	15/02/2020	5	5
11/02/2020	6	5	12/02/2020	6	No Data	13/02/2020	6	No Data	14/02/2020	6	5	15/02/2020	6	5
11/02/2020	7	5	12/02/2020	7	No Data	13/02/2020	7	No Data	14/02/2020	7	5	15/02/2020	7	5
11/02/2020	8	5	12/02/2020	8	No Data	13/02/2020	8	No Data	14/02/2020	8	5	15/02/2020	8	5
11/02/2020	9	5	12/02/2020	9	No Data	13/02/2020	9	No Data	14/02/2020	9	5	15/02/2020	9	5
11/02/2020	10	5	12/02/2020	10	No Data	13/02/2020	10	No Data	14/02/2020	10	5	15/02/2020	10	5
11/02/2020	11	5	12/02/2020	11	No Data	13/02/2020	11	No Data	14/02/2020	11	5	15/02/2020	11	5
11/02/2020	12	No Data	12/02/2020	12	No Data	13/02/2020	12	No Data	14/02/2020	12	5	15/02/2020	12	5
11/02/2020	13	No Data	12/02/2020	13	No Data	13/02/2020	13	No Data	14/02/2020	13	5	15/02/2020	13	5
11/02/2020	14	No Data	12/02/2020	14	No Data	13/02/2020	14	No Data	14/02/2020	14	5	15/02/2020	14	5
11/02/2020	15	No Data	12/02/2020	15	No Data	13/02/2020	15	No Data	14/02/2020	15	5	15/02/2020	15	5
11/02/2020	16	No Data	12/02/2020	16	No Data	13/02/2020	16	5	14/02/2020	16	5	15/02/2020	16	5
11/02/2020	17	No Data	12/02/2020	17	No Data	13/02/2020	17	5	14/02/2020	17	5	15/02/2020	17	5
11/02/2020	18	No Data	12/02/2020	18	No Data	13/02/2020	18	5	14/02/2020	18	5	15/02/2020	18	5
11/02/2020	19	No Data	12/02/2020	19	No Data	13/02/2020	19	5	14/02/2020	19	5	15/02/2020	19	5
11/02/2020	20	No Data	12/02/2020	20	No Data	13/02/2020	20	5	14/02/2020	20	5	15/02/2020	20	5
11/02/2020	21	No Data	12/02/2020	21	No Data	13/02/2020	21	5	14/02/2020	21	5	15/02/2020	21	5
11/02/2020	22	No Data	12/02/2020	22	No Data	13/02/2020	22	5	14/02/2020	22	5	15/02/2020	22	5
11/02/2020	23	No Data	12/02/2020	23	No Data	13/02/2020	23	5	14/02/2020	23	5	15/02/2020	23	5
Maximum		5*			No Data			5*			5*			5*

Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average
16/02/2020	0	5	17/02/2020	0	5	18/02/2020	0	5	19/02/2020	0	No Data	20/02/2020	0	No Data
16/02/2020	1	5	17/02/2020	1	5	18/02/2020	1	No Data	19/02/2020	1	No Data	20/02/2020	1	No Data
16/02/2020	2	5	17/02/2020	2	5	18/02/2020	2	No Data	19/02/2020	2	No Data	20/02/2020	2	No Data
16/02/2020	3	5	17/02/2020	3	5	18/02/2020	3	No Data	19/02/2020	3	No Data	20/02/2020	3	No Data
16/02/2020	4	5	17/02/2020	4	5	18/02/2020	4	No Data	19/02/2020	4	No Data	20/02/2020	4	No Data
16/02/2020	5	5	17/02/2020	5	5	18/02/2020	5	No Data	19/02/2020	5	No Data	20/02/2020	5	No Data
16/02/2020	6	5	17/02/2020	6	5	18/02/2020	6	No Data	19/02/2020	6	No Data	20/02/2020	6	No Data
16/02/2020	7	5	17/02/2020	7	5	18/02/2020	7	No Data	19/02/2020	7	No Data	20/02/2020	7	No Data
16/02/2020	8	5	17/02/2020	8	5	18/02/2020	8	No Data	19/02/2020	8	No Data	20/02/2020	8	No Data
16/02/2020	9	5	17/02/2020	9	5	18/02/2020	9	No Data	19/02/2020	9	No Data	20/02/2020	9	No Data
16/02/2020	10	5	17/02/2020	10	5	18/02/2020	10	No Data	19/02/2020	10	No Data	20/02/2020	10	No Data
16/02/2020	11	5	17/02/2020	11	5	18/02/2020	11	No Data	19/02/2020	11	No Data	20/02/2020	11	5
16/02/2020	12	5	17/02/2020	12	5	18/02/2020	12	No Data	19/02/2020	12	No Data	20/02/2020	12	5
16/02/2020	13	5	17/02/2020	13	5	18/02/2020	13	No Data	19/02/2020	13	No Data	20/02/2020	13	5
16/02/2020	14	5	17/02/2020	14	5	18/02/2020	14	No Data	19/02/2020	14	No Data	20/02/2020	14	5
16/02/2020	15	5	17/02/2020	15	5	18/02/2020	15	No Data	19/02/2020	15	No Data	20/02/2020	15	5
16/02/2020	16	5	17/02/2020	16	5	18/02/2020	16	No Data	19/02/2020	16	No Data	20/02/2020	16	5
16/02/2020	17	5	17/02/2020	17	5	18/02/2020	17	No Data	19/02/2020	17	No Data	20/02/2020	17	5
16/02/2020	18	5	17/02/2020	18	5	18/02/2020	18	No Data	19/02/2020	18	No Data	20/02/2020	18	5
16/02/2020	19	5	17/02/2020	19	5	18/02/2020	19	No Data	19/02/2020	19	No Data	20/02/2020	19	5
16/02/2020	20	5	17/02/2020	20	5	18/02/2020	20	No Data	19/02/2020	20	No Data	20/02/2020	20	5
16/02/2020	21	5	17/02/2020	21	5	18/02/2020	21	No Data	19/02/2020	21	No Data	20/02/2020	21	5
16/02/2020	22	5	17/02/2020	22	5	18/02/2020	22	No Data	19/02/2020	22	No Data	20/02/2020	22	5
16/02/2020	23	5	17/02/2020	23	5	18/02/2020	23	No Data	19/02/2020	23	No Data	20/02/2020	23	5
Maximum		5*			5*			5*			No Data			5*

Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average
21/02/2020	0	5	22/02/2020	0	5	23/02/2020	0	No Data	24/02/2020	0	No Data	25/02/2020	0	No Data
21/02/2020	1	5	22/02/2020	1	5	23/02/2020	1	No Data	24/02/2020	1	No Data	25/02/2020	1	No Data
21/02/2020	2	5	22/02/2020	2	5	23/02/2020	2	No Data	24/02/2020	2	No Data	25/02/2020	2	No Data
21/02/2020	3	5	22/02/2020	3	5	23/02/2020	3	No Data	24/02/2020	3	No Data	25/02/2020	3	No Data
21/02/2020	4	5	22/02/2020	4	5	23/02/2020	4	No Data	24/02/2020	4	No Data	25/02/2020	4	No Data
21/02/2020	5	5	22/02/2020	5	5	23/02/2020	5	No Data	24/02/2020	5	No Data	25/02/2020	5	No Data
21/02/2020	6	5	22/02/2020	6	5	23/02/2020	6	No Data	24/02/2020	6	No Data	25/02/2020	6	No Data
21/02/2020	7	5	22/02/2020	7	5	23/02/2020	7	No Data	24/02/2020	7	No Data	25/02/2020	7	No Data
21/02/2020	8	5	22/02/2020	8	5	23/02/2020	8	No Data	24/02/2020	8	No Data	25/02/2020	8	No Data
21/02/2020	9	5	22/02/2020	9	5	23/02/2020	9	No Data	24/02/2020	9	No Data	25/02/2020	9	No Data
21/02/2020	10	5	22/02/2020	10	5	23/02/2020	10	No Data	24/02/2020	10	No Data	25/02/2020	10	No Data
21/02/2020	11	5	22/02/2020	11	No Data	23/02/2020	11	No Data	24/02/2020	11	No Data	25/02/2020	11	No Data
21/02/2020	12	5	22/02/2020	12	No Data	23/02/2020	12	No Data	24/02/2020	12	No Data	25/02/2020	12	No Data
21/02/2020	13	5	22/02/2020	13	No Data	23/02/2020	13	No Data	24/02/2020	13	No Data	25/02/2020	13	No Data
21/02/2020	14	5	22/02/2020	14	No Data	23/02/2020	14	No Data	24/02/2020	14	No Data	25/02/2020	14	No Data
21/02/2020	15	5	22/02/2020	15	No Data	23/02/2020	15	No Data	24/02/2020	15	No Data	25/02/2020	15	5
21/02/2020	16	5	22/02/2020	16	No Data	23/02/2020	16	No Data	24/02/2020	16	No Data	25/02/2020	16	5
21/02/2020	17	5	22/02/2020	17	No Data	23/02/2020	17	No Data	24/02/2020	17	No Data	25/02/2020	17	5
21/02/2020	18	5	22/02/2020	18	No Data	23/02/2020	18	No Data	24/02/2020	18	No Data	25/02/2020	18	5
21/02/2020	19	5	22/02/2020	19	No Data	23/02/2020	19	No Data	24/02/2020	19	No Data	25/02/2020	19	5
21/02/2020	20	5	22/02/2020	20	No Data	23/02/2020	20	No Data	24/02/2020	20	No Data	25/02/2020	20	5
21/02/2020	21	5	22/02/2020	21	No Data	23/02/2020	21	No Data	24/02/2020	21	No Data	25/02/2020	21	5
21/02/2020	22	5	22/02/2020	22	No Data	23/02/2020	22	No Data	24/02/2020	22	No Data	25/02/2020	22	5
21/02/2020	23	5	22/02/2020	23	No Data	23/02/2020	23	No Data	24/02/2020	23	No Data	25/02/2020	23	5
Maximum		5*			5*			No Data			No Data			5*

Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average	Date	Hour	H ₂ S 1hr Average
26/02/2020	0	5	27/02/2020	0	5	28/02/2020	0	5	29/02/2020	0	No Data			
26/02/2020	1	5	27/02/2020	1	5	28/02/2020	1	5	29/02/2020	1	No Data			
26/02/2020	2	5	27/02/2020	2	5	28/02/2020	2	5	29/02/2020	2	No Data			
26/02/2020	3	5	27/02/2020	3	5	28/02/2020	3	5	29/02/2020	3	No Data			
26/02/2020	4	5	27/02/2020	4	5	28/02/2020	4	5	29/02/2020	4	No Data			
26/02/2020	5	5	27/02/2020	5	5	28/02/2020	5	5	29/02/2020	5	No Data			
26/02/2020	6	5	27/02/2020	6	5	28/02/2020	6	5	29/02/2020	6	No Data			
26/02/2020	7	5	27/02/2020	7	5	28/02/2020	7	No Data	29/02/2020	7	No Data			
26/02/2020	8	5	27/02/2020	8	5	28/02/2020	8	No Data	29/02/2020	8	No Data			
26/02/2020	9	5	27/02/2020	9	5	28/02/2020	9	No Data	29/02/2020	9	No Data			
26/02/2020	10	5	27/02/2020	10	5	28/02/2020	10	No Data	29/02/2020	10	No Data			
26/02/2020	11	5	27/02/2020	11	5	28/02/2020	11	No Data	29/02/2020	11	No Data			
26/02/2020	12	5	27/02/2020	12	5	28/02/2020	12	No Data	29/02/2020	12	No Data			
26/02/2020	13	5	27/02/2020	13	5	28/02/2020	13	No Data	29/02/2020	13	No Data			
26/02/2020	14	5	27/02/2020	14	5	28/02/2020	14	No Data	29/02/2020	14	No Data			
26/02/2020	15	5	27/02/2020	15	5	28/02/2020	15	No Data	29/02/2020	15	No Data			
26/02/2020	16	5	27/02/2020	16	5	28/02/2020	16	No Data	29/02/2020	16	No Data			
26/02/2020	17	5	27/02/2020	17	5	28/02/2020	17	No Data	29/02/2020	17	No Data			
26/02/2020	18	5	27/02/2020	18	5	28/02/2020	18	No Data	29/02/2020	18	No Data			
26/02/2020	19	5	27/02/2020	19	5	28/02/2020	19	No Data	29/02/2020	19	No Data			
26/02/2020	20	5	27/02/2020	20	5	28/02/2020	20	No Data	29/02/2020	20	No Data			
26/02/2020	21	5	27/02/2020	21	5	28/02/2020	21	No Data	29/02/2020	21	No Data			
26/02/2020	22	5	27/02/2020	22	5	28/02/2020	22	No Data	29/02/2020	22	No Data			
26/02/2020	23	5	27/02/2020	23	5	28/02/2020	23	No Data	29/02/2020	23	No Data			
Maximum		5*			5*			5*			No Data			

Table 6 SO₂ 1hr Data (ppb) – February 2020

Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average
1/02/2020	0	No Data	2/02/2020	0	No Data	3/02/2020	0	No Data	4/02/2020	0	No Data	5/02/2020	0	5
1/02/2020	1	No Data	2/02/2020	1	No Data	3/02/2020	1	No Data	4/02/2020	1	No Data	5/02/2020	1	5
1/02/2020	2	No Data	2/02/2020	2	No Data	3/02/2020	2	No Data	4/02/2020	2	No Data	5/02/2020	2	5
1/02/2020	3	No Data	2/02/2020	3	No Data	3/02/2020	3	No Data	4/02/2020	3	No Data	5/02/2020	3	5
1/02/2020	4	No Data	2/02/2020	4	No Data	3/02/2020	4	No Data	4/02/2020	4	No Data	5/02/2020	4	5
1/02/2020	5	No Data	2/02/2020	5	No Data	3/02/2020	5	No Data	4/02/2020	5	No Data	5/02/2020	5	5
1/02/2020	6	No Data	2/02/2020	6	No Data	3/02/2020	6	No Data	4/02/2020	6	No Data	5/02/2020	6	5
1/02/2020	7	No Data	2/02/2020	7	No Data	3/02/2020	7	No Data	4/02/2020	7	No Data	5/02/2020	7	5
1/02/2020	8	No Data	2/02/2020	8	No Data	3/02/2020	8	No Data	4/02/2020	8	No Data	5/02/2020	8	5
1/02/2020	9	No Data	2/02/2020	9	No Data	3/02/2020	9	No Data	4/02/2020	9	No Data	5/02/2020	9	5
1/02/2020	10	No Data	2/02/2020	10	No Data	3/02/2020	10	No Data	4/02/2020	10	No Data	5/02/2020	10	5
1/02/2020	11	No Data	2/02/2020	11	No Data	3/02/2020	11	No Data	4/02/2020	11	No Data	5/02/2020	11	5
1/02/2020	12	No Data	2/02/2020	12	No Data	3/02/2020	12	No Data	4/02/2020	12	No Data	5/02/2020	12	5
1/02/2020	13	No Data	2/02/2020	13	No Data	3/02/2020	13	No Data	4/02/2020	13	5	5/02/2020	13	5
1/02/2020	14	No Data	2/02/2020	14	No Data	3/02/2020	14	No Data	4/02/2020	14	5	5/02/2020	14	5
1/02/2020	15	No Data	2/02/2020	15	No Data	3/02/2020	15	No Data	4/02/2020	15	5	5/02/2020	15	5
1/02/2020	16	No Data	2/02/2020	16	No Data	3/02/2020	16	No Data	4/02/2020	16	5	5/02/2020	16	5
1/02/2020	17	No Data	2/02/2020	17	No Data	3/02/2020	17	No Data	4/02/2020	17	5	5/02/2020	17	5
1/02/2020	18	No Data	2/02/2020	18	No Data	3/02/2020	18	No Data	4/02/2020	18	5	5/02/2020	18	5
1/02/2020	19	No Data	2/02/2020	19	No Data	3/02/2020	19	No Data	4/02/2020	19	5	5/02/2020	19	5
1/02/2020	20	No Data	2/02/2020	20	No Data	3/02/2020	20	No Data	4/02/2020	20	5	5/02/2020	20	5
1/02/2020	21	No Data	2/02/2020	21	No Data	3/02/2020	21	No Data	4/02/2020	21	5	5/02/2020	21	5
1/02/2020	22	No Data	2/02/2020	22	No Data	3/02/2020	22	No Data	4/02/2020	22	5	5/02/2020	22	5
1/02/2020	23	No Data	2/02/2020	23	No Data	3/02/2020	23	No Data	4/02/2020	23	5	5/02/2020	23	5
Maximum		No Data			No Data			No Data			5*			5*

Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average
6/02/2020	0	5	7/02/2020	0	5	8/02/2020	0	No Data	9/02/2020	0	No Data	10/02/2020	0	No Data
6/02/2020	1	5	7/02/2020	1	5	8/02/2020	1	No Data	9/02/2020	1	No Data	10/02/2020	1	No Data
6/02/2020	2	5	7/02/2020	2	5	8/02/2020	2	No Data	9/02/2020	2	No Data	10/02/2020	2	No Data
6/02/2020	3	5	7/02/2020	3	5	8/02/2020	3	No Data	9/02/2020	3	No Data	10/02/2020	3	No Data
6/02/2020	4	5	7/02/2020	4	5	8/02/2020	4	No Data	9/02/2020	4	No Data	10/02/2020	4	No Data
6/02/2020	5	5	7/02/2020	5	5	8/02/2020	5	No Data	9/02/2020	5	No Data	10/02/2020	5	No Data
6/02/2020	6	5	7/02/2020	6	5	8/02/2020	6	No Data	9/02/2020	6	No Data	10/02/2020	6	No Data
6/02/2020	7	5	7/02/2020	7	5	8/02/2020	7	No Data	9/02/2020	7	No Data	10/02/2020	7	No Data
6/02/2020	8	5	7/02/2020	8	5	8/02/2020	8	No Data	9/02/2020	8	No Data	10/02/2020	8	No Data
6/02/2020	9	5	7/02/2020	9	No Data	8/02/2020	9	No Data	9/02/2020	9	No Data	10/02/2020	9	No Data
6/02/2020	10	5	7/02/2020	10	No Data	8/02/2020	10	No Data	9/02/2020	10	No Data	10/02/2020	10	No Data
6/02/2020	11	5	7/02/2020	11	No Data	8/02/2020	11	No Data	9/02/2020	11	No Data	10/02/2020	11	No Data
6/02/2020	12	5	7/02/2020	12	No Data	8/02/2020	12	No Data	9/02/2020	12	No Data	10/02/2020	12	No Data
6/02/2020	13	5	7/02/2020	13	No Data	8/02/2020	13	No Data	9/02/2020	13	No Data	10/02/2020	13	No Data
6/02/2020	14	5	7/02/2020	14	No Data	8/02/2020	14	No Data	9/02/2020	14	No Data	10/02/2020	14	No Data
6/02/2020	15	5	7/02/2020	15	No Data	8/02/2020	15	No Data	9/02/2020	15	No Data	10/02/2020	15	No Data
6/02/2020	16	5	7/02/2020	16	No Data	8/02/2020	16	No Data	9/02/2020	16	No Data	10/02/2020	16	5
6/02/2020	17	5	7/02/2020	17	No Data	8/02/2020	17	No Data	9/02/2020	17	No Data	10/02/2020	17	5
6/02/2020	18	5	7/02/2020	18	No Data	8/02/2020	18	No Data	9/02/2020	18	No Data	10/02/2020	18	5
6/02/2020	19	5	7/02/2020	19	No Data	8/02/2020	19	No Data	9/02/2020	19	No Data	10/02/2020	19	5
6/02/2020	20	5	7/02/2020	20	No Data	8/02/2020	20	No Data	9/02/2020	20	No Data	10/02/2020	20	5
6/02/2020	21	5	7/02/2020	21	No Data	8/02/2020	21	No Data	9/02/2020	21	No Data	10/02/2020	21	5
6/02/2020	22	5	7/02/2020	22	No Data	8/02/2020	22	No Data	9/02/2020	22	No Data	10/02/2020	22	5
6/02/2020	23	5	7/02/2020	23	No Data	8/02/2020	23	No Data	9/02/2020	23	No Data	10/02/2020	23	5
Maximum		5*			5*			No Data			No Data			5*

Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average
11/02/2020	0	5	12/02/2020	0	No Data	13/02/2020	0	No Data	14/02/2020	0	5	15/02/2020	0	5
11/02/2020	1	5	12/02/2020	1	No Data	13/02/2020	1	No Data	14/02/2020	1	5	15/02/2020	1	5
11/02/2020	2	5	12/02/2020	2	No Data	13/02/2020	2	No Data	14/02/2020	2	5	15/02/2020	2	5
11/02/2020	3	5	12/02/2020	3	No Data	13/02/2020	3	No Data	14/02/2020	3	5	15/02/2020	3	5
11/02/2020	4	5	12/02/2020	4	No Data	13/02/2020	4	No Data	14/02/2020	4	5	15/02/2020	4	5
11/02/2020	5	5	12/02/2020	5	No Data	13/02/2020	5	No Data	14/02/2020	5	5	15/02/2020	5	5
11/02/2020	6	5	12/02/2020	6	No Data	13/02/2020	6	No Data	14/02/2020	6	5	15/02/2020	6	5
11/02/2020	7	5	12/02/2020	7	No Data	13/02/2020	7	No Data	14/02/2020	7	5	15/02/2020	7	5
11/02/2020	8	5	12/02/2020	8	No Data	13/02/2020	8	No Data	14/02/2020	8	5	15/02/2020	8	5
11/02/2020	9	5	12/02/2020	9	No Data	13/02/2020	9	No Data	14/02/2020	9	5	15/02/2020	9	5
11/02/2020	10	5	12/02/2020	10	No Data	13/02/2020	10	No Data	14/02/2020	10	5	15/02/2020	10	5
11/02/2020	11	5	12/02/2020	11	No Data	13/02/2020	11	No Data	14/02/2020	11	5	15/02/2020	11	5
11/02/2020	12	No Data	12/02/2020	12	No Data	13/02/2020	12	No Data	14/02/2020	12	5	15/02/2020	12	5
11/02/2020	13	No Data	12/02/2020	13	No Data	13/02/2020	13	No Data	14/02/2020	13	5	15/02/2020	13	5
11/02/2020	14	No Data	12/02/2020	14	No Data	13/02/2020	14	No Data	14/02/2020	14	5	15/02/2020	14	5
11/02/2020	15	No Data	12/02/2020	15	No Data	13/02/2020	15	No Data	14/02/2020	15	5	15/02/2020	15	5
11/02/2020	16	No Data	12/02/2020	16	No Data	13/02/2020	16	5	14/02/2020	16	5	15/02/2020	16	5
11/02/2020	17	No Data	12/02/2020	17	No Data	13/02/2020	17	5	14/02/2020	17	5	15/02/2020	17	5
11/02/2020	18	No Data	12/02/2020	18	No Data	13/02/2020	18	5	14/02/2020	18	5	15/02/2020	18	5
11/02/2020	19	No Data	12/02/2020	19	No Data	13/02/2020	19	5	14/02/2020	19	5	15/02/2020	19	5
11/02/2020	20	No Data	12/02/2020	20	No Data	13/02/2020	20	5	14/02/2020	20	5	15/02/2020	20	5
11/02/2020	21	No Data	12/02/2020	21	No Data	13/02/2020	21	5	14/02/2020	21	5	15/02/2020	21	5
11/02/2020	22	No Data	12/02/2020	22	No Data	13/02/2020	22	5	14/02/2020	22	5	15/02/2020	22	5
11/02/2020	23	No Data	12/02/2020	23	No Data	13/02/2020	23	5	14/02/2020	23	5	15/02/2020	23	5
Maximum		5*			No Data			5*			5*			5*

Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average
16/02/2020	0	5	17/02/2020	0	5	18/02/2020	0	5	19/02/2020	0	No Data	20/02/2020	0	No Data
16/02/2020	1	5	17/02/2020	1	5	18/02/2020	1	No Data	19/02/2020	1	No Data	20/02/2020	1	No Data
16/02/2020	2	5	17/02/2020	2	5	18/02/2020	2	No Data	19/02/2020	2	No Data	20/02/2020	2	No Data
16/02/2020	3	5	17/02/2020	3	5	18/02/2020	3	No Data	19/02/2020	3	No Data	20/02/2020	3	No Data
16/02/2020	4	5	17/02/2020	4	5	18/02/2020	4	No Data	19/02/2020	4	No Data	20/02/2020	4	No Data
16/02/2020	5	5	17/02/2020	5	5	18/02/2020	5	No Data	19/02/2020	5	No Data	20/02/2020	5	No Data
16/02/2020	6	5	17/02/2020	6	5	18/02/2020	6	No Data	19/02/2020	6	No Data	20/02/2020	6	No Data
16/02/2020	7	5	17/02/2020	7	5	18/02/2020	7	No Data	19/02/2020	7	No Data	20/02/2020	7	No Data
16/02/2020	8	5	17/02/2020	8	5	18/02/2020	8	No Data	19/02/2020	8	No Data	20/02/2020	8	No Data
16/02/2020	9	5	17/02/2020	9	5	18/02/2020	9	No Data	19/02/2020	9	No Data	20/02/2020	9	No Data
16/02/2020	10	5	17/02/2020	10	5	18/02/2020	10	No Data	19/02/2020	10	No Data	20/02/2020	10	No Data
16/02/2020	11	5	17/02/2020	11	5	18/02/2020	11	No Data	19/02/2020	11	No Data	20/02/2020	11	5
16/02/2020	12	5	17/02/2020	12	5	18/02/2020	12	No Data	19/02/2020	12	No Data	20/02/2020	12	5
16/02/2020	13	5	17/02/2020	13	5	18/02/2020	13	No Data	19/02/2020	13	No Data	20/02/2020	13	5
16/02/2020	14	5	17/02/2020	14	5	18/02/2020	14	No Data	19/02/2020	14	No Data	20/02/2020	14	5.4
16/02/2020	15	5	17/02/2020	15	5	18/02/2020	15	No Data	19/02/2020	15	No Data	20/02/2020	15	5
16/02/2020	16	5	17/02/2020	16	5	18/02/2020	16	No Data	19/02/2020	16	No Data	20/02/2020	16	5
16/02/2020	17	5	17/02/2020	17	5	18/02/2020	17	No Data	19/02/2020	17	No Data	20/02/2020	17	5
16/02/2020	18	5	17/02/2020	18	5	18/02/2020	18	No Data	19/02/2020	18	No Data	20/02/2020	18	5
16/02/2020	19	5	17/02/2020	19	5	18/02/2020	19	No Data	19/02/2020	19	No Data	20/02/2020	19	5
16/02/2020	20	5	17/02/2020	20	5	18/02/2020	20	No Data	19/02/2020	20	No Data	20/02/2020	20	5
16/02/2020	21	5	17/02/2020	21	5	18/02/2020	21	No Data	19/02/2020	21	No Data	20/02/2020	21	5
16/02/2020	22	5	17/02/2020	22	5	18/02/2020	22	No Data	19/02/2020	22	No Data	20/02/2020	22	5
16/02/2020	23	5	17/02/2020	23	5	18/02/2020	23	No Data	19/02/2020	23	No Data	20/02/2020	23	5
Maximum		5*			5*			5*			No Data			5.4

Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average
21/02/2020	0	5	22/02/2020	0	5	23/02/2020	0	No Data	24/02/2020	0	No Data	25/02/2020	0	No Data
21/02/2020	1	5	22/02/2020	1	5	23/02/2020	1	No Data	24/02/2020	1	No Data	25/02/2020	1	No Data
21/02/2020	2	5	22/02/2020	2	5	23/02/2020	2	No Data	24/02/2020	2	No Data	25/02/2020	2	No Data
21/02/2020	3	5	22/02/2020	3	5	23/02/2020	3	No Data	24/02/2020	3	No Data	25/02/2020	3	No Data
21/02/2020	4	5	22/02/2020	4	5	23/02/2020	4	No Data	24/02/2020	4	No Data	25/02/2020	4	No Data
21/02/2020	5	5	22/02/2020	5	5	23/02/2020	5	No Data	24/02/2020	5	No Data	25/02/2020	5	No Data
21/02/2020	6	5	22/02/2020	6	5	23/02/2020	6	No Data	24/02/2020	6	No Data	25/02/2020	6	No Data
21/02/2020	7	5	22/02/2020	7	5	23/02/2020	7	No Data	24/02/2020	7	No Data	25/02/2020	7	No Data
21/02/2020	8	5	22/02/2020	8	5	23/02/2020	8	No Data	24/02/2020	8	No Data	25/02/2020	8	No Data
21/02/2020	9	5	22/02/2020	9	5	23/02/2020	9	No Data	24/02/2020	9	No Data	25/02/2020	9	No Data
21/02/2020	10	5	22/02/2020	10	5	23/02/2020	10	No Data	24/02/2020	10	No Data	25/02/2020	10	No Data
21/02/2020	11	5	22/02/2020	11	No Data	23/02/2020	11	No Data	24/02/2020	11	No Data	25/02/2020	11	No Data
21/02/2020	12	5	22/02/2020	12	No Data	23/02/2020	12	No Data	24/02/2020	12	No Data	25/02/2020	12	No Data
21/02/2020	13	5	22/02/2020	13	No Data	23/02/2020	13	No Data	24/02/2020	13	No Data	25/02/2020	13	No Data
21/02/2020	14	5	22/02/2020	14	No Data	23/02/2020	14	No Data	24/02/2020	14	No Data	25/02/2020	14	No Data
21/02/2020	15	5	22/02/2020	15	No Data	23/02/2020	15	No Data	24/02/2020	15	No Data	25/02/2020	15	5
21/02/2020	16	5	22/02/2020	16	No Data	23/02/2020	16	No Data	24/02/2020	16	No Data	25/02/2020	16	5
21/02/2020	17	5	22/02/2020	17	No Data	23/02/2020	17	No Data	24/02/2020	17	No Data	25/02/2020	17	5
21/02/2020	18	5	22/02/2020	18	No Data	23/02/2020	18	No Data	24/02/2020	18	No Data	25/02/2020	18	5
21/02/2020	19	5	22/02/2020	19	No Data	23/02/2020	19	No Data	24/02/2020	19	No Data	25/02/2020	19	5
21/02/2020	20	5	22/02/2020	20	No Data	23/02/2020	20	No Data	24/02/2020	20	No Data	25/02/2020	20	5
21/02/2020	21	5	22/02/2020	21	No Data	23/02/2020	21	No Data	24/02/2020	21	No Data	25/02/2020	21	5
21/02/2020	22	5	22/02/2020	22	No Data	23/02/2020	22	No Data	24/02/2020	22	No Data	25/02/2020	22	5
21/02/2020	23	5	22/02/2020	23	No Data	23/02/2020	23	No Data	24/02/2020	23	No Data	25/02/2020	23	5
Maximum		5*			5*			No Data			No Data			5*

Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average	Date	Hour	SO ₂ 1hr Average
3	0	5	27/02/2020	0	5	28/02/2020	0	5	29/02/2020	0	No Data			
26/02/2020	1	5	27/02/2020	1	5	28/02/2020	1	5	29/02/2020	1	No Data			
26/02/2020	2	5	27/02/2020	2	5	28/02/2020	2	5	29/02/2020	2	No Data			
26/02/2020	3	5	27/02/2020	3	5	28/02/2020	3	5	29/02/2020	3	No Data			
26/02/2020	4	5	27/02/2020	4	5	28/02/2020	4	5	29/02/2020	4	No Data			
26/02/2020	5	5	27/02/2020	5	5	28/02/2020	5	5	29/02/2020	5	No Data			
26/02/2020	6	5	27/02/2020	6	5	28/02/2020	6	5	29/02/2020	6	No Data			
26/02/2020	7	5	27/02/2020	7	5	28/02/2020	7	No Data	29/02/2020	7	No Data			
26/02/2020	8	5	27/02/2020	8	5	28/02/2020	8	No Data	29/02/2020	8	No Data			
26/02/2020	9	5	27/02/2020	9	5	28/02/2020	9	No Data	29/02/2020	9	No Data			
26/02/2020	10	5	27/02/2020	10	5	28/02/2020	10	No Data	29/02/2020	10	No Data			
26/02/2020	11	5	27/02/2020	11	5	28/02/2020	11	No Data	29/02/2020	11	No Data			
26/02/2020	12	5	27/02/2020	12	5	28/02/2020	12	No Data	29/02/2020	12	No Data			
26/02/2020	13	5	27/02/2020	13	5	28/02/2020	13	No Data	29/02/2020	13	No Data			
26/02/2020	14	5	27/02/2020	14	5	28/02/2020	14	No Data	29/02/2020	14	No Data			
26/02/2020	15	5	27/02/2020	15	5	28/02/2020	15	No Data	29/02/2020	15	No Data			
26/02/2020	16	5	27/02/2020	16	5	28/02/2020	16	No Data	29/02/2020	16	No Data			
26/02/2020	17	5	27/02/2020	17	5	28/02/2020	17	No Data	29/02/2020	17	No Data			
26/02/2020	18	5	27/02/2020	18	5	28/02/2020	18	No Data	29/02/2020	18	No Data			
26/02/2020	19	5	27/02/2020	19	5	28/02/2020	19	No Data	29/02/2020	19	No Data			
26/02/2020	20	5	27/02/2020	20	5	28/02/2020	20	No Data	29/02/2020	20	No Data			
26/02/2020	21	5	27/02/2020	21	5	28/02/2020	21	No Data	29/02/2020	21	No Data			
26/02/2020	22	5	27/02/2020	22	5	28/02/2020	22	No Data	29/02/2020	22	No Data			
26/02/2020	23	5	27/02/2020	23	5	28/02/2020	23	No Data	29/02/2020	23	No Data			
Maximum		5*			5*			5*			No Data			

February 2020

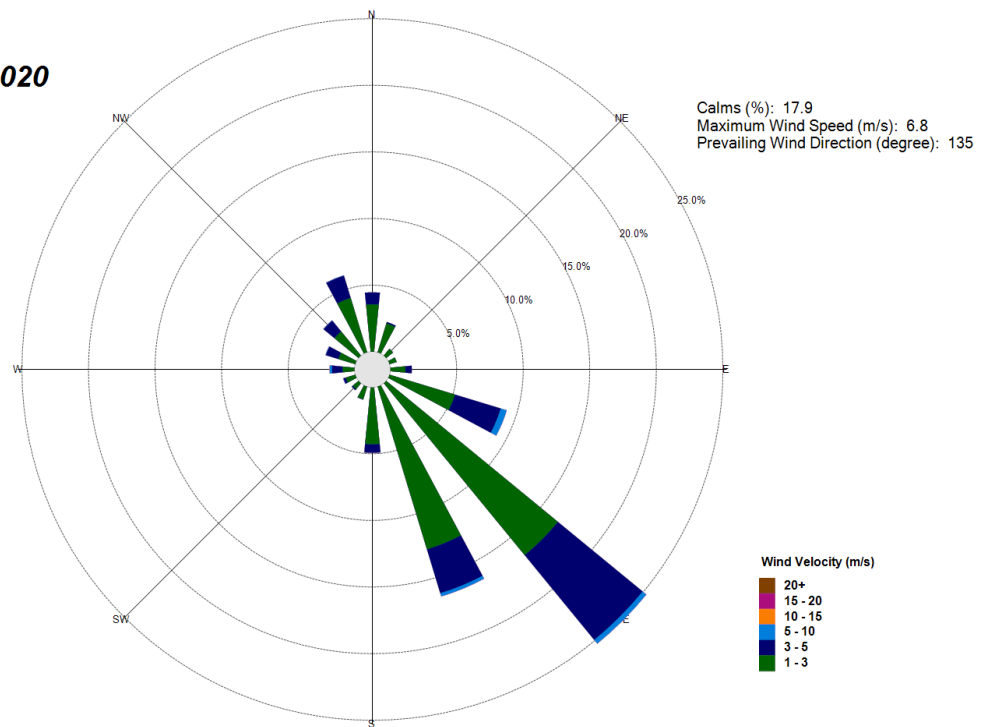


Figure 4 MCC February 2020 Meteorology Data