

# Fourth Quarter 2023 Community Air Monitoring Report, Chiquita Canyon Landfill

Chiquita Canyon Landfill  
29201 Henry Mayo Drive  
Castaic, California 91384

**SCS ENGINEERS**

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This Fourth Quarter 2023 Community Air Monitoring Report for the Chiquita Canyon Landfill, located at 29201 Henry Mayo Drive, Castaic, California, was prepared and reviewed by the following:

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## 1.0 CHIQUITA CANYON AIR MONITORING SUMMARY

This Fourth Quarter 2023 Community Air Monitoring Report (Report) has been prepared by SCS Engineers (SCS) in collaboration with Chiquita Canyon Landfill (CCL or Site), the Los Angeles County Department of Public Health (DPH), and the Los Angeles County Department of Public Works (PW), in regard to implementation of the Community Air Monitoring Program (CAMP), dated 2019. The CAMP presents an overview of quarterly air monitoring reporting compiled from continuous air monitoring stations in the community surrounding the Site, and monthly discrete sampling at community air monitoring station locations during the reporting period.

The CAMP was prepared by SCS, in consultation with CCL, DPH and PW, in accordance with the 2019 Community Air Monitoring Plan (CAM Plan), which was prepared in order to identify locations, parameters, and procedures for implementation of continuous air monitoring in the community surrounding the Site. The CAMP was designed to incorporate the requirements of Condition 68 of CCL's Conditional Use Permit (CUP) issued by the County of Los Angeles (County).

As of October 2022, the CAMP is comprised of a network of twelve air monitoring stations (MS or Stations) with seven stations located throughout the community surrounding the Site (MS-06 through MS-12) and five stations located on-site (MS-01 through MS-05), around the Site perimeter (the Site perimeter air monitoring stations serve as a reference for any off-site exceedances that may be detected). The air monitoring stations continuously monitor particulate matter with an aerodynamic diameter of ten (10) micrometers or less (PM<sub>10</sub>), particulate matter with an aerodynamic diameter of 2.5 micrometers or less (PM<sub>2.5</sub>), and hydrogen sulfide (H<sub>2</sub>S); as well as wind direction and wind speed. The CAMP was fully implemented in September 2022.

The purpose of this report is to comply with the quarterly reporting requirements outlined in the CAM Plan and Condition 68 of the CUP. This report includes the following components:

- DPH data evaluation of monthly reports and/or quarterly analysis and evaluation of potential health and safety impacts on nearby residents, schools, and centers of employment
- SCS determination of any exceedances of the applicable reporting thresholds
- SCS evaluation and recommendations for Program implementation

This section outlines the monitoring thresholds and provides additional detail for the analyses conducted during the reporting period.

### 1.1 MONITORING LOCATIONS

A map showing the location of the monitoring stations is included as **Figure 1**. As shown on **Figure 1**, MS-01 through MS-05 are located around the perimeter of the Site. MS-06 through MS-12 are located in the community surrounding the Site, and are the subject of this report.

### 1.2 CONTINUOUS MONITORING

**Table 1** summarizes the air quality exposure levels or standards that are used as a basis for analyzing the continuous air monitoring data at the community stations, MS-06 through MS-12.

The recommended *reporting analysis thresholds* for each of the continuously monitored air pollutants are highlighted in **bold text** in **Table 1**. The air monitoring stations that are deployed around the Site and in the community have detection limits that are well below the recommended

notification levels (i.e., they can detect ambient concentration levels that are much lower than the threshold levels recommended below). Short-term fluctuations in the ambient concentration of the monitored air pollutants around the Site and in the community are expected and will be reflected in the data.

Table 1. Summary of Air Quality Standards for Selected Air Pollutants

Air Quality Standard		PM <sub>2.5</sub>	PM <sub>10</sub>	H <sub>2</sub> S
CAAQS	1-Hour Average	--	--	<b>0.03 ppm</b>
	24-Hour Average	--	50 µg/m <sup>3</sup>	--
FEIR	24-Hour Average	<b>2.5 µg/m<sup>3</sup></b>	<b>2.5 µg/m<sup>3</sup></b>	--
SCAQMD	2-Hour Average	<b>25 µg/m<sup>3</sup></b>		--

**Bold Text** – Reporting Threshold

It should be noted that the reporting analysis thresholds are limited to the off-site monitoring stations. This means that if the thresholds are triggered on any off-site monitoring station (MS-06 through MS-12), additional analysis will be required, including review of data collected at the on-site monitoring stations (MS-01 through MS-05) during the exceedance event.

The continuous monitoring data for the entire quarter is formatted into the time increments that match the reporting analysis thresholds listed in the table above, as is presented in Appendix A. Within Appendix A, please refer to **Appendix A, Table A-1** for the H<sub>2</sub>S 1-hour exceedances, **Table A-2** for 24-hour PM<sub>2.5</sub> and PM<sub>10</sub> exceedances, and **Table A-3** for 2-hour PM<sub>2.5</sub> and PM<sub>10</sub> exceedances.

### 1.3 DISCRETE SAMPLING

On a monthly basis, a total of five air samples are collected at community monitoring stations. Three samples are collected in the community surrounding the Site, with two samples collected from either side of the landfill generally in line with the community monitor sampling locations for each month. The overall intent is to cover all monitoring stations within the surrounding community every quarter for the duration of the CAMP.

To achieve this goal, SCS has implemented the following monthly sampling rotation with three community monitoring locations grouped together with two landfill monitoring locations in line from either side of the landfill:

- Rotation 1:** Samples collected from northwest of the Landfill (MS-07, MS-08, and MS-12) with in line Landfill samples located at MS-04 and MS-03.
- Rotation 2:** Samples collected from northeast of the Landfill (MS-06, MS-09, and MS-10) with in line Landfill samples located at MS-01 and MS-02.
- Rotation 3:** Samples collected from northwest and southeast of the Landfill (MS-08, MS-11, and MS-12) with in line Landfill samples located at MS-04 and MS-05.

Samples are collected and analyzed for landfill gas (LFG) components listed in Table 1 of SCAQMD Rule 1150.1, the SCAQMD rule for monitoring emissions from landfills. Those chemicals are found in Table 2 below.

Table 2. SCAQMD Rule 1150.1 Toxic Air Contaminant List

SCAQMD Rule 1150.1 Table 1 Constituents			
Benzene	1,1-Dichloroethane	Tetrachloroethylene	Trichloromethane
Benzyl chloride	1,2-Dichloroethane	Tetrachloromethane	Vinyl Chloride
Chlorobenzene	1,1-Dichloroethene	Toluene	Xylene
1,2-Dibromoethane	Dichloromethane	1,1,1-Trichloroethane	
Dichlorobenzene	Hydrogen Sulfide	Trichloroethylene	

For discrete sampling, reporting analysis thresholds chosen by DPH are the California Office of Health Hazard Assessment (OEHHA) Reference Exposure Levels (RELs) for Acute Hazard Index Target Organ Systems (Table 6.1 from the February 2015 Air Toxics Hot Spots Program Guidance Manual). By definition, an acute REL is an exposure that is not likely to cause adverse health effects in a human population, including sensitive subgroups, exposed to that concentration (in units of micrograms per cubic meter or  $\mu\text{g}/\text{m}^3$ ) for the specified exposure duration on an intermittent basis.

## 2.0 QUARTERLY AIR MONITORING RESULTS

This section discusses the continuous monitoring and discrete sampling results for the reporting period.

### 2.1 CONTINUOUS MONITORING RESULTS

DPH has access to all continuous monitoring data recorded from the off-site monitors, which is reviewed routinely and on an as-needed basis if recorded values exceed the reporting thresholds in Table 1. If DPH observes reportable exceedances, DPH may request the on-site monitoring data (including wind direction and wind speed data), for the purposes of DPH's evaluations of reported exceedances. Upon request, SCS will provide DPH with the continuous monitoring data for all on-site monitors, for the time period of the exceedance plus one time increment prior to, and after, the exceedance start time. Any recommendations regarding the health and safety impact on nearby residents, schools and centers of employment or evaluation(s) of potential sources of air pollutants impacting ambient air quality made by DPH are included in this report.

During the reporting period, there were 113 exceedance events for  $\text{H}_2\text{S}$  over a 1-hour averaging period. There were 4 exceedance events for  $\text{PM}_{10}$  and 0 exceedances for  $\text{PM}_{2.5}$  over a 2-hour averaging period. There were 6 exceedance events for  $\text{PM}_{10}$  and 17 exceedances for  $\text{PM}_{2.5}$  over a 24-hour averaging period. These exceedances occurred at off-site stations where station(s) exceeded one or more reporting thresholds. Please note that one or more monitors can have an exceedance detection during a single exceedance event, based on the stations' proximity to other stations, wind direction, and wind speed. A summary of each exceedance that occurred at the off-site monitoring stations during the reporting period can be found in Appendix A.

SCS has provided DPH with corresponding on-site data for periods where the off-site monitoring stations recorded an exceedance of the thresholds listed in Table 1 above. The data was shared in emails sent on November 15 and December 15, 2023 and January 15, 2024. As of the date of this

report, SCS have not received any comments from DPH regarding the on-site continuous monitoring data.

Please note, due to the size of the full dataset and in order to reduce the amount of physical pages of this quarterly report, a link to the 1-hour data for the continuous monitoring at the off-site locations can be found in **Appendix B**. Since the continuous monitoring data presented in this report includes only a summary of exceedance events, the complete 1-hour data set is included as a separate, linked attachment.

## **2.2 DISCRETE SAMPLING RESULTS**

During the Fourth Quarter 2023, monthly samples were taken in October, November, December 2023. A full description of the detected constituents along with their concentrations was included in the monthly reports which were submitted to DPH, PW, and the Site on November 15 and December 15, 2023 and January 15, 2024, respectively. During the reporting period, there were zero (0) community monitoring stations that had exceedances of discrete sampling reporting thresholds, per **Appendix C, Table C-1**.

As of the date of this report, SCS have not received any comments from DPH regarding the off-site discrete sampling data.

The results of the monthly discrete sampling events conducted in October, November, and December are found in **Appendix D**. **Appendix C, Table C-1** includes the discrete sampling reporting thresholds. Based on the reporting thresholds outlined in Table C-1, there were no exceedances recorded in the fourth quarter sampling events. The complete laboratory analytical reports are also included within **Appendix D**.

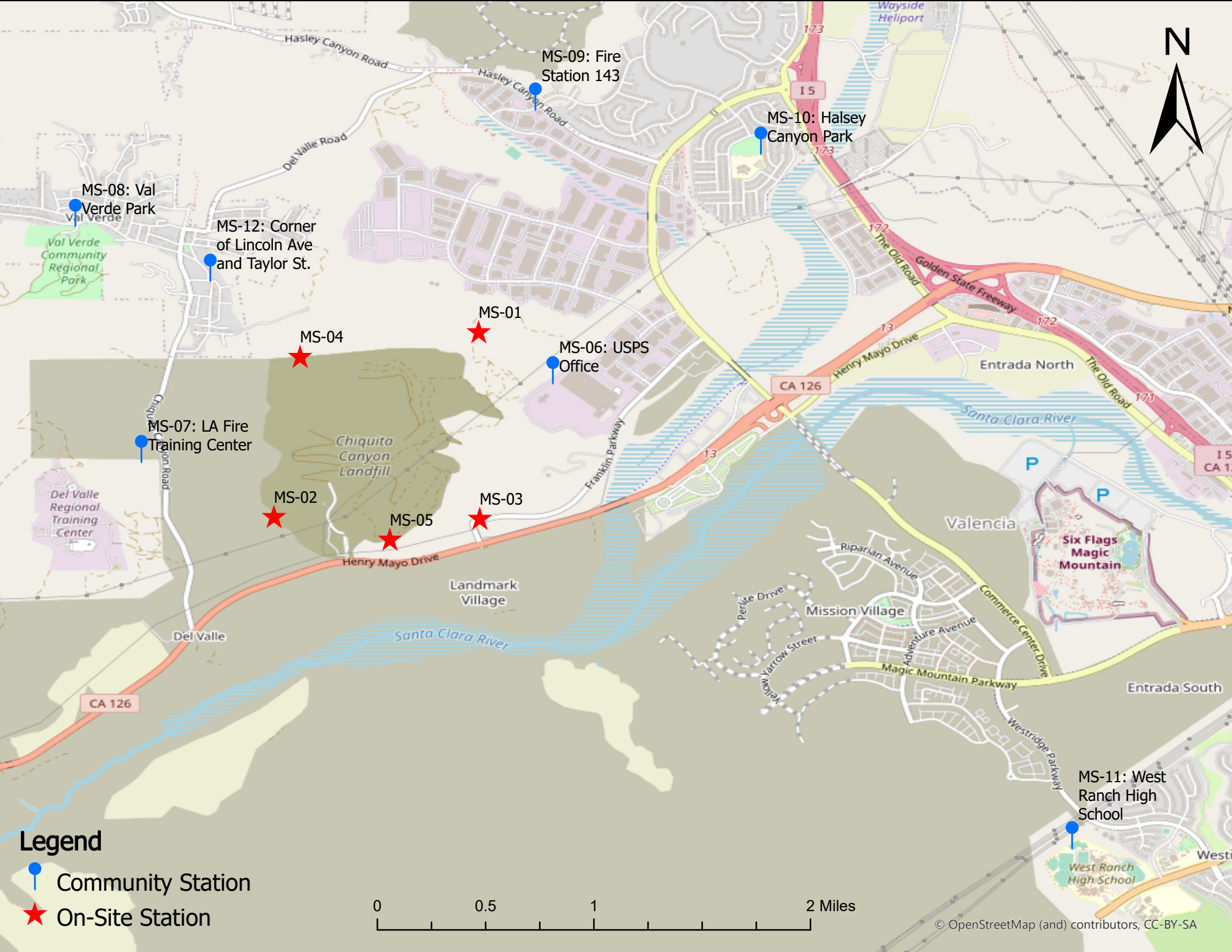
The laboratory results were analyzed in conjunction with the continuous air monitoring data collected during the sampling event. The 1-hour continuous monitoring data collected at each monitoring station that was used as part of the discrete sampling analysis is located in **Appendix B**. Please note that only the off-site discrete sampling events and the associated 1-hour monitoring data are included in this quarterly report.

## **3.0 SCS CAMP RECOMMENDATIONS**

This section describes any recommendations by SCS to the CAMP to improve the overall efficiency of the air monitoring program. During the Fourth Quarter, there were no new recommendations for the program. All quarterly recommendations/observations will be compiled and addressed in the annual Community Air Monitoring Report.

Figure 1  
Chiquita Canyon CAMP Map of Monitoring Stations





MS-08: Val Verde Park

MS-12: Corner of Lincoln Ave and Taylor St.

MS-09: Fire Station 143

MS-10: Halsey Canyon Park

MS-04

MS-01

MS-06: USPS Office

MS-07: LA Fire Training Center

MS-02

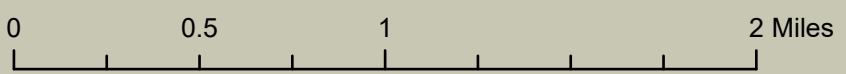
MS-03


MS-05

Landmark Village

MS-11: West Ranch High School

- Community Station
- On-Site Station





Appendix A

Fourth Quarter 2023 Community Air Monitoring Station

Continuous Monitoring Data Exceedances




Table A-1  
1-Hour Average H<sub>2</sub>S Community Monitoring Station Data

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	1	2023-10-01 04:00:00	0.033	1.68	296.1	28.65	49.6	89.6
MS-08	2	2023-10-02 09:00:00	0.03	1.82	38.2	28.65	58.9	69.1
MS-08	3	2023-10-02 13:00:00	0.031	4.47	252.9	28.6	73.1	44.3
MS-08	3	2023-10-02 14:00:00	0.059	4.64	245	28.59	72	48.4
MS-12	3	2023-10-02 15:00:00	0.034	4.06	242.2	28.69	73.9	46.1
MS-08	3	2023-10-02 15:00:00	0.05	3.94	241.7	28.59	72.4	46.9
MS-12	3	2023-10-02 16:00:00	0.039	3.27	228.6	28.69	72.6	49.3
MS-08	3	2023-10-02 16:00:00	0.065	4.1	240.7	28.59	71.4	50.3
MS-12	3	2023-10-02 17:00:00	0.05	2.26	230.8	28.69	69	57.3
MS-08	3	2023-10-02 17:00:00	0.077	3.69	259	28.59	68.3	57.5
MS-11	3	2023-10-02 17:00:00	0.034	3.57	256.4	28.37	68.7	59.5
MS-06	3	2023-10-02 17:00:00	0.031	7.28	240.4	28.74	69.8	55.7
MS-12	3	2023-10-02 18:00:00	0.052	2.08	155.1	28.69	65.9	63.3
MS-08	3	2023-10-02 18:00:00	0.08	3.58	259.5	28.59	65.1	64
MS-06	3	2023-10-02 18:00:00	0.031	6.15	236	28.75	66.6	62.1
MS-11	3	2023-10-02 18:00:00	0.031	3.4	248.8	28.38	64.1	67.5
MS-11	3	2023-10-02 19:00:00	0.03	5.06	241.4	28.39	61.7	72.5
MS-12	3	2023-10-02 19:00:00	0.05	1.25	94.1	28.7	61.7	71.4
MS-06	3	2023-10-02 19:00:00	0.03	4.54	265.7	28.75	63.7	67.7
MS-08	3	2023-10-02 19:00:00	0.08	1.83	247.5	28.6	61.5	71
MS-08	3	2023-10-02 20:00:00	0.064	1.93	340.8	28.61	61.1	69.1
MS-12	3	2023-10-02 20:00:00	0.048	1.72	109.7	28.71	58.9	77.4
MS-12	3	2023-10-02 21:00:00	0.048	1.83	120.6	28.73	57.1	81.6
MS-08	3	2023-10-02 21:00:00	0.07	1.36	232.5	28.62	58.3	76.8
MS-12	3	2023-10-02 22:00:00	0.037	1.84	11.5	28.74	54.2	85.9
MS-08	3	2023-10-02 22:00:00	0.051	1.37	237.2	28.63	54.5	82.1
MS-08	3	2023-10-02 23:00:00	0.031	1.71	254	28.63	52.2	84.4
MS-06	3	2023-10-03 00:00:00	0.03	2.28	253.2	28.79	54.2	86
MS-06	4	2023-10-03 07:00:00	0.039	1.98	241.7	28.81	51.6	85.9
MS-08	5	2023-10-03 09:00:00	0.037	1.34	165.8	28.66	67	56.5
MS-08	6	2023-10-03 20:00:00	0.037	1.85	252.6	28.57	62	61.5
MS-08	6	2023-10-03 21:00:00	0.042	1.31	238.5	28.58	58.9	68.8
MS-06	6	2023-10-03 21:00:00	0.031	1.98	271.9	28.73	61.7	65
MS-06	6	2023-10-03 22:00:00	0.034	2.24	251.7	28.74	59.6	69
MS-08	6	2023-10-03 22:00:00	0.037	1.92	250.3	28.59	56.7	72.7
MS-08	6	2023-10-03 23:00:00	0.033	2.1	252.9	28.6	54.7	76.5
MS-08	6	2023-10-04 00:00:00	0.033	1.48	251.8	28.59	53.8	78.9
MS-06	7	2023-10-04 07:00:00	0.042	1.35	221	28.79	54.7	75
MS-08	7	2023-10-04 08:00:00	0.048	1.43	233	28.64	61.3	67.8
MS-08	8	2023-10-05 00:00:00	0.044	2.29	251.9	28.63	62.1	56
MS-06	9	2023-10-05 03:00:00	0.033	1.76	249.5	28.79	60.4	56.2
MS-06	9	2023-10-05 04:00:00	0.041	1.73	253.5	28.79	58.5	60.5

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	9	2023-10-05 05:00:00	0.043	1.53	284.7	28.8	57.4	64.1
MS-06	9	2023-10-05 06:00:00	0.044	1.86	261.9	28.82	56	67.4
MS-08	9	2023-10-05 07:00:00	0.039	1.22	246.2	28.68	55.6	70.8
MS-06	9	2023-10-05 07:00:00	0.053	1.55	256.6	28.83	58.1	66.1
MS-12	9	2023-10-05 08:00:00	0.051	1.51	81.1	28.79	65.2	57.4
MS-08	9	2023-10-05 08:00:00	0.072	1.85	235.7	28.69	66.2	56.6
MS-06	9	2023-10-05 08:00:00	0.056	1.5	60.8	28.84	67.6	51.1
MS-06	9	2023-10-05 09:00:00	0.052	3.14	100	28.83	78.5	37.6
MS-11	10	2023-10-05 20:00:00	0.045	1.73	214.4	28.41	76.1	38.1
MS-06	10	2023-10-05 21:00:00	0.081	2.29	262.1	28.78	69.1	51.2
MS-08	10	2023-10-05 22:00:00	0.032	1.62	252.7	28.64	61	54.7
MS-06	10	2023-10-05 22:00:00	0.11	2.24	257.1	28.79	64.8	57.1
MS-06	10	2023-10-05 23:00:00	0.122	2	249.4	28.79	62.9	59.2
MS-12	10	2023-10-05 23:00:00	0.03	2.22	325.3	28.74	58.5	60.1
MS-08	10	2023-10-05 23:00:00	0.047	1.5	248.7	28.65	59	59.1
MS-12	10	2023-10-06 00:00:00	0.03	2.68	331.9	28.74	57.9	61.4
MS-08	10	2023-10-06 00:00:00	0.051	1.85	253.4	28.64	57.5	61.9
MS-06	10	2023-10-06 00:00:00	0.11	2.41	260.9	28.79	61.4	58.7
MS-12	10	2023-10-06 01:00:00	0.031	2.35	327	28.74	56.2	64.7
MS-06	10	2023-10-06 01:00:00	0.096	2.36	260.8	28.79	59.8	59
MS-06	10	2023-10-06 02:00:00	0.09	2.26	260.5	28.79	58.1	61.3
MS-12	10	2023-10-06 03:00:00	0.031	2.51	330.6	28.73	54	69
MS-06	10	2023-10-06 03:00:00	0.085	2.22	258.1	28.79	57.1	62.4
MS-06	10	2023-10-06 04:00:00	0.076	2.05	262.4	28.79	56.1	63.9
MS-06	10	2023-10-06 05:00:00	0.067	2.16	263.5	28.79	55.8	63.8
MS-06	10	2023-10-06 06:00:00	0.06	1.99	255.9	28.79	54.7	64.9
MS-08	10	2023-10-06 07:00:00	0.033	1.59	246.3	28.64	52.9	71.2
MS-06	10	2023-10-06 07:00:00	0.065	1.7	248.6	28.8	57.4	62.1
MS-06	10	2023-10-06 08:00:00	0.059	1.78	83.3	28.79	66	48
MS-12	10	2023-10-06 08:00:00	0.053	1.26	76.7	28.74	64.5	54.6
MS-08	10	2023-10-06 08:00:00	0.079	1.69	246.4	28.64	60.2	62.2
MS-06	10	2023-10-06 09:00:00	0.048	2.04	111.8	28.78	76	35.7
MS-12	10	2023-10-06 09:00:00	0.075	1.94	138.5	28.73	77.9	38.6
MS-08	10	2023-10-06 09:00:00	0.11	1.85	246.1	28.63	76.2	41.9
MS-08	11	2023-10-06 18:00:00	0.047	2.52	256.3	28.52	79.4	31.3
MS-11	11	2023-10-06 18:00:00	0.037	4.73	236.8	28.32	84	28.5
MS-06	11	2023-10-06 19:00:00	0.033	5.32	241.3	28.69	81.4	31.4
MS-11	11	2023-10-06 19:00:00	0.076	4.37	220.7	28.33	78.2	36.2
MS-12	11	2023-10-06 19:00:00	0.063	2.1	338.6	28.64	72.6	41.6
MS-08	11	2023-10-06 19:00:00	0.062	1.36	272.3	28.54	76	36.7
MS-08	11	2023-10-06 20:00:00	0.087	1.7	253.2	28.55	68.9	46
MS-11	11	2023-10-06 20:00:00	0.062	2.18	228	28.34	75.4	38

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	11	2023-10-06 20:00:00	0.068	1.91	330.1	28.65	67.1	48.8
MS-06	11	2023-10-06 20:00:00	0.126	2.54	286.6	28.7	75	39.4
MS-12	11	2023-10-06 21:00:00	0.067	2.11	329.2	28.66	63.9	53.7
MS-11	11	2023-10-06 21:00:00	0.059	1.13	195.1	28.35	71.6	41
MS-08	11	2023-10-06 21:00:00	0.082	1.91	252	28.56	64	52.9
MS-06	11	2023-10-06 21:00:00	0.127	2.38	250.1	28.71	67.4	48.5
MS-11	11	2023-10-06 22:00:00	0.068	1.26	209.3	28.35	68.1	45.9
MS-08	11	2023-10-06 22:00:00	0.08	1.97	252.1	28.57	61.5	56.6
MS-06	11	2023-10-06 22:00:00	0.134	1.87	248.2	28.71	65.9	48.7
MS-12	11	2023-10-06 22:00:00	0.063	2.39	335.7	28.67	62.3	55.5
MS-06	11	2023-10-06 23:00:00	0.139	2.01	260.9	28.71	63.3	51.9
MS-11	11	2023-10-06 23:00:00	0.066	1.01	198.5	28.35	66.7	47
MS-08	11	2023-10-06 23:00:00	0.069	1.99	257	28.57	59.4	59.1
MS-12	11	2023-10-06 23:00:00	0.056	2.6	337.7	28.67	61	57
MS-08	11	2023-10-07 00:00:00	0.061	2.03	254	28.56	57.4	62.1
MS-12	11	2023-10-07 00:00:00	0.049	2.77	339.6	28.66	59.2	59.3
MS-06	11	2023-10-07 00:00:00	0.147	2.1	253.4	28.71	61.2	56.7
MS-11	11	2023-10-07 00:00:00	0.05	1.31	198.2	28.35	64.8	47
MS-12	11	2023-10-07 01:00:00	0.044	2.27	333.1	28.67	57.9	60.9
MS-08	11	2023-10-07 01:00:00	0.042	2.6	261	28.57	57.5	60.4
MS-06	11	2023-10-07 01:00:00	0.138	2.03	259.6	28.72	60.3	56.8
MS-11	11	2023-10-07 01:00:00	0.057	1.39	190.1	28.35	63.9	50.4
MS-11	11	2023-10-07 02:00:00	0.049	1.31	196.5	28.35	63	50.8
MS-08	11	2023-10-07 02:00:00	0.053	1.75	251.3	28.57	55.5	65.8
MS-12	11	2023-10-07 02:00:00	0.034	2.99	346.8	28.67	56.9	62
MS-06	11	2023-10-07 02:00:00	0.127	2.56	261.1	28.72	58.5	58.9
MS-12	11	2023-10-07 03:00:00	0.031	3.19	348.6	28.66	56.2	63.2
MS-08	11	2023-10-07 03:00:00	0.043	1.78	254.8	28.56	54.4	67.3
MS-06	11	2023-10-07 03:00:00	0.113	2.09	253.8	28.71	57.6	59.2
MS-06	11	2023-10-07 04:00:00	0.107	1.88	259	28.71	56.2	62.3
MS-08	11	2023-10-07 04:00:00	0.034	1.77	256.2	28.56	53.5	68.7
MS-06	11	2023-10-07 05:00:00	0.099	2.44	259	28.72	55.3	63.7
MS-06	11	2023-10-07 06:00:00	0.088	2.22	258.3	28.73	54.6	64.8
MS-06	11	2023-10-07 07:00:00	0.092	1.46	239	28.74	57.2	61.9
MS-08	11	2023-10-07 07:00:00	0.03	2.35	259.9	28.59	55.5	65.7
MS-11	11	2023-10-07 08:00:00	0.072	0.79	14.7	28.38	71.9	45.3
MS-08	11	2023-10-07 08:00:00	0.09	1.52	242.1	28.6	62.3	60.3
MS-12	11	2023-10-07 08:00:00	0.053	1.37	57.4	28.7	64.2	54.5
MS-06	11	2023-10-07 08:00:00	0.089	1.82	106.4	28.75	65	49.4
MS-08	11	2023-10-07 09:00:00	0.116	1.02	142.6	28.6	76.2	42
MS-06	11	2023-10-07 09:00:00	0.066	1.75	68.6	28.75	73.5	37
MS-12	11	2023-10-07 09:00:00	0.07	1.52	144	28.69	75.5	40.8

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	11	2023-10-07 10:00:00	0.044	2.08	52.1	28.74	82	30.4
MS-08	11	2023-10-07 10:00:00	0.075	1.52	63.5	28.59	86	29.7
MS-12	11	2023-10-07 10:00:00	0.044	2.37	164.5	28.69	84.5	29.7
MS-11	11	2023-10-07 10:00:00	0.041	1.37	7	28.38	86.3	29.2
MS-11	12	2023-10-07 15:00:00	0.113	4.73	234.7	28.3	91.7	29.7
MS-12	12	2023-10-07 15:00:00	0.051	3.76	194.8	28.59	96.6	23.6
MS-08	12	2023-10-07 15:00:00	0.075	3.09	243.8	28.5	95.5	24.4
MS-11	12	2023-10-07 16:00:00	0.112	4.76	236.3	28.29	88.7	31.9
MS-08	12	2023-10-07 16:00:00	0.109	3.61	238.1	28.5	92.4	27.4
MS-12	12	2023-10-07 16:00:00	0.08	2.89	207.1	28.59	93.3	26.9
MS-06	12	2023-10-07 16:00:00	0.047	6.82	227.1	28.64	93.3	26.2
MS-11	12	2023-10-07 17:00:00	0.093	4.16	234.7	28.29	85.5	33.3
MS-06	12	2023-10-07 17:00:00	0.108	6.69	242.2	28.64	89.3	25.6
MS-06	12	2023-10-07 18:00:00	0.156	3.66	251	28.65	83.5	31.8
MS-12	12	2023-10-07 18:00:00	0.053	1.56	11.7	28.61	80.5	35.1
MS-08	12	2023-10-07 18:00:00	0.068	2.22	243.4	28.51	80.7	34.5
MS-11	12	2023-10-07 18:00:00	0.074	3.9	222.9	28.3	81.2	35.7
MS-11	12	2023-10-07 19:00:00	0.055	1.29	203.1	28.31	77.4	37.2
MS-08	12	2023-10-07 19:00:00	0.107	2.07	249.1	28.52	71.6	46.3
MS-06	12	2023-10-07 19:00:00	0.189	2.15	283.8	28.67	77.5	40.3
MS-12	12	2023-10-07 19:00:00	0.08	1.65	328.7	28.62	72.3	45.3
MS-12	12	2023-10-07 20:00:00	0.081	1.41	325.6	28.64	68.3	51
MS-06	12	2023-10-07 20:00:00	0.196	2.27	277.6	28.69	73	48
MS-08	12	2023-10-07 20:00:00	0.109	1.94	251.6	28.54	68.2	51.8
MS-11	12	2023-10-07 20:00:00	0.061	1.96	201.1	28.33	76	40.4
MS-08	12	2023-10-07 21:00:00	0.103	2.06	253.4	28.55	64.8	57
MS-12	12	2023-10-07 21:00:00	0.074	2.89	344.7	28.65	66.7	53
MS-06	12	2023-10-07 21:00:00	0.185	1.74	251.7	28.7	68.8	52.9
MS-11	12	2023-10-07 21:00:00	0.076	0.88	185.7	28.34	71.5	47.2
MS-06	12	2023-10-07 22:00:00	0.168	2.59	263.9	28.7	68.1	51.1
MS-12	12	2023-10-07 22:00:00	0.072	1.89	327.8	28.66	64.6	56.4
MS-08	12	2023-10-07 22:00:00	0.09	1.95	252.6	28.56	64.7	56.4
MS-11	12	2023-10-07 22:00:00	0.069	0.88	220.3	28.34	69.3	49.8
MS-06	12	2023-10-07 23:00:00	0.17	2.18	275.9	28.71	67.1	53.3
MS-11	12	2023-10-07 23:00:00	0.051	1.2	196.3	28.35	70.2	47.4
MS-12	12	2023-10-07 23:00:00	0.072	1.97	333.7	28.66	63.5	58.4
MS-08	12	2023-10-07 23:00:00	0.092	1.46	249.8	28.56	64.2	58
MS-06	12	2023-10-08 00:00:00	0.163	2.14	250	28.72	66.2	54.7
MS-08	12	2023-10-08 00:00:00	0.097	1.69	247.2	28.57	63	61.2
MS-12	12	2023-10-08 00:00:00	0.067	2.2	347	28.67	63.8	58
MS-11	12	2023-10-08 00:00:00	0.06	1.39	196.8	28.35	68.9	50
MS-06	12	2023-10-08 01:00:00	0.157	1.87	252.4	28.73	66.2	56.1

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	12	2023-10-08 01:00:00	0.061	3.02	346.4	28.68	64.7	56.3
MS-11	12	2023-10-08 01:00:00	0.055	0.92	246.6	28.36	67.3	53.1
MS-08	12	2023-10-08 01:00:00	0.082	2.32	254.6	28.58	62.5	60.5
MS-06	12	2023-10-08 02:00:00	0.143	1.74	255.2	28.73	64.9	57
MS-11	12	2023-10-08 02:00:00	0.051	0.81	192.9	28.36	65.9	54.9
MS-08	12	2023-10-08 02:00:00	0.071	2.02	252	28.57	62.4	60.5
MS-12	12	2023-10-08 02:00:00	0.065	1.8	340.4	28.67	63.1	59.8
MS-12	12	2023-10-08 03:00:00	0.057	2.31	340.4	28.67	61.1	62.5
MS-06	12	2023-10-08 03:00:00	0.128	2.01	247.3	28.72	62.9	60.1
MS-08	12	2023-10-08 03:00:00	0.062	1.78	254.6	28.57	59.8	64.2
MS-08	12	2023-10-08 04:00:00	0.052	2.05	257.7	28.57	58.9	65.4
MS-06	12	2023-10-08 04:00:00	0.114	2.12	256.6	28.72	63.2	58.5
MS-12	12	2023-10-08 04:00:00	0.043	2.74	342.7	28.67	60.4	62.5
MS-08	12	2023-10-08 05:00:00	0.041	1.94	253.2	28.57	57.3	67.7
MS-06	12	2023-10-08 05:00:00	0.097	1.97	248.6	28.73	60.1	62.8
MS-12	12	2023-10-08 05:00:00	0.035	2.81	343.1	28.67	58.7	65
MS-06	12	2023-10-08 06:00:00	0.092	2.31	256	28.73	59.6	64.6
MS-06	12	2023-10-08 07:00:00	0.086	1.85	238.7	28.74	58.8	66.7
MS-06	12	2023-10-08 08:00:00	0.078	1.89	111	28.75	66.2	54
MS-11	12	2023-10-08 08:00:00	0.031	1.97	66.7	28.38	68.6	51.3
MS-08	12	2023-10-08 08:00:00	0.05	1.6	234	28.6	61.4	63
MS-06	12	2023-10-08 09:00:00	0.044	2.61	83.4	28.74	74.1	39.3
MS-11	13	2023-10-08 13:00:00	0.042	3.92	253.9	28.31	90.5	30
MS-11	13	2023-10-08 14:00:00	0.037	3.53	296.4	28.29	92.2	29.4
MS-11	13	2023-10-08 15:00:00	0.058	3.79	255.8	28.28	90.8	31.4
MS-06	13	2023-10-08 15:00:00	0.055	7.46	233.4	28.63	92.6	26.2
MS-11	13	2023-10-08 16:00:00	0.058	3.24	274.4	28.28	88.5	34.5
MS-06	13	2023-10-08 16:00:00	0.069	7.04	236.6	28.63	91	28.6
MS-08	13	2023-10-08 16:00:00	0.033	3.74	247.5	28.49	90.3	27.5
MS-12	13	2023-10-08 16:00:00	0.033	3.1	242.4	28.58	91.3	28
MS-08	13	2023-10-08 17:00:00	0.068	2.87	242.3	28.49	85.2	34.2
MS-12	13	2023-10-08 17:00:00	0.05	2.43	205.7	28.58	86	33.8
MS-11	13	2023-10-08 17:00:00	0.071	3.06	239.4	28.28	83.8	42.3
MS-06	13	2023-10-08 17:00:00	0.081	5.03	220.1	28.63	87.3	35.7
MS-08	13	2023-10-08 18:00:00	0.067	2.02	275	28.49	79.5	39.1
MS-06	13	2023-10-08 18:00:00	0.08	3.78	239.7	28.63	79.4	47.2
MS-12	13	2023-10-08 18:00:00	0.067	1.09	7.9	28.59	78.3	43.3
MS-11	13	2023-10-08 18:00:00	0.067	3.33	224	28.28	76.3	53.3
MS-06	13	2023-10-08 19:00:00	0.084	2.67	286.6	28.65	70.9	63.9
MS-08	13	2023-10-08 19:00:00	0.058	1.68	246.7	28.5	69.2	50.9
MS-11	13	2023-10-08 19:00:00	0.06	2.96	220.4	28.29	73.2	55.5
MS-12	13	2023-10-08 19:00:00	0.068	1.08	20.3	28.6	68.5	57.6



Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-11	13	2023-10-08 20:00:00	0.044	0.75	206.2	28.3	69.5	57.5
MS-06	13	2023-10-08 20:00:00	0.076	2.81	288.1	28.66	67.5	71.1
MS-08	13	2023-10-08 20:00:00	0.075	1.89	244.9	28.52	63.3	63.3
MS-12	13	2023-10-08 20:00:00	0.065	1.2	337.2	28.62	63.1	66.3
MS-12	13	2023-10-08 21:00:00	0.057	1.37	330.1	28.63	60	70.6
MS-06	13	2023-10-08 21:00:00	0.068	1.79	261.1	28.68	64.3	74.2
MS-08	13	2023-10-08 21:00:00	0.072	1.82	248	28.53	60.1	70.4
MS-11	13	2023-10-08 21:00:00	0.046	0.67	202.8	28.32	66.3	63.2
MS-08	13	2023-10-08 22:00:00	0.067	2.1	254.7	28.54	58.5	72.9
MS-11	13	2023-10-08 22:00:00	0.042	0.67	195	28.33	64	67.8
MS-12	13	2023-10-08 22:00:00	0.046	2.23	336.8	28.64	59	71.1
MS-06	13	2023-10-08 22:00:00	0.065	1.62	263.1	28.69	61.1	78.5
MS-08	13	2023-10-08 23:00:00	0.058	1.86	252.2	28.54	56.9	75.6
MS-12	13	2023-10-08 23:00:00	0.036	3	346.4	28.64	58.2	71.2
MS-11	13	2023-10-08 23:00:00	0.038	0.69	199.8	28.33	62.1	71.7
MS-06	13	2023-10-08 23:00:00	0.061	2	259.8	28.69	59	80
MS-08	13	2023-10-09 00:00:00	0.042	1.86	257.3	28.54	55	77.9
MS-06	13	2023-10-09 00:00:00	0.044	2.12	257.6	28.69	58.3	75.3
MS-06	13	2023-10-09 01:00:00	0.032	1.99	262.9	28.69	57.9	72.8
MS-12	14	2023-10-09 13:00:00	0.035	2.98	263.1	28.57	87.3	32.2
MS-08	14	2023-10-09 13:00:00	0.035	3.8	236.1	28.47	84.6	32.8
MS-11	15	2023-10-09 15:00:00	0.034	3.43	275.2	28.23	83.1	41.2
MS-08	15	2023-10-09 15:00:00	0.06	3.88	231.5	28.44	83.6	35.3
MS-12	15	2023-10-09 15:00:00	0.052	2.74	242.6	28.53	86.2	34.7
MS-08	15	2023-10-09 16:00:00	0.063	3.16	247.3	28.43	82.4	36.8
MS-12	15	2023-10-09 16:00:00	0.047	2.63	207.2	28.53	83.5	36.6
MS-11	15	2023-10-09 16:00:00	0.032	2.68	273.3	28.22	81.3	42.4
MS-12	15	2023-10-09 17:00:00	0.05	1.96	247.1	28.53	77.6	43.4
MS-08	15	2023-10-09 17:00:00	0.079	3.08	253.4	28.43	77.2	43.6
MS-11	15	2023-10-09 17:00:00	0.033	3.87	234	28.22	75.3	49.6
MS-06	15	2023-10-09 17:00:00	0.037	6.3	247.9	28.57	78.6	42.5
MS-11	15	2023-10-09 18:00:00	0.035	1.93	210.7	28.23	69.3	60.1
MS-06	15	2023-10-09 18:00:00	0.035	6.44	239.3	28.58	73.9	47.6
MS-12	15	2023-10-09 18:00:00	0.049	1.24	143.2	28.53	72.3	49.9
MS-06	15	2023-10-09 19:00:00	0.038	4.01	259.4	28.6	67.9	64.8
MS-12	15	2023-10-09 19:00:00	0.053	1.25	112.5	28.55	67.3	60.3
MS-11	15	2023-10-09 19:00:00	0.034	4.31	233.1	28.24	66.8	64.4
MS-06	15	2023-10-09 20:00:00	0.038	3.17	296.1	28.61	63.6	76.1
MS-08	15	2023-10-09 20:00:00	0.056	2.08	244	28.46	62.7	63.9
MS-12	15	2023-10-09 20:00:00	0.06	0.95	28.3	28.56	61.7	72.1
MS-12	15	2023-10-09 21:00:00	0.07	1.13	48.1	28.57	59.8	82
MS-06	15	2023-10-09 21:00:00	0.035	3.51	284.3	28.62	61.2	82.5

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	15	2023-10-09 21:00:00	0.063	1.75	239.7	28.46	59.1	73.2
MS-12	15	2023-10-09 22:00:00	0.052	0.98	338.3	28.56	56.8	82.3
MS-08	15	2023-10-09 22:00:00	0.06	1.54	245.5	28.46	57.2	76.7
MS-06	15	2023-10-09 22:00:00	0.034	2.15	281.1	28.61	59.6	84.6
MS-06	15	2023-10-09 23:00:00	0.035	1.91	257.4	28.61	57.3	85.9
MS-08	15	2023-10-09 23:00:00	0.049	2.23	257.3	28.46	55.1	80.5
MS-12	15	2023-10-09 23:00:00	0.04	1.26	337.4	28.56	55.9	81.3
MS-06	15	2023-10-10 00:00:00	0.03	2	262.2	28.6	56.4	85.3
MS-08	15	2023-10-10 00:00:00	0.052	1.6	250.5	28.45	53.6	84.6
MS-08	15	2023-10-10 01:00:00	0.039	2.03	254.6	28.44	52.7	85.5
MS-08	15	2023-10-10 02:00:00	0.035	1.74	247.7	28.44	51.9	87.1
MS-08	16	2023-10-10 08:00:00	0.05	1.82	240.6	28.46	56.1	82.9
MS-08	16	2023-10-10 09:00:00	0.048	1.44	137.5	28.46	67.2	58.8
MS-12	16	2023-10-10 09:00:00	0.031	1.61	114.1	28.56	67.1	60.4
MS-08	16	2023-10-10 10:00:00	0.052	2.35	127.4	28.46	71.9	51
MS-12	16	2023-10-10 11:00:00	0.035	4.17	187.8	28.55	74.7	48.1
MS-08	16	2023-10-10 11:00:00	0.047	3.81	243.2	28.45	73	49.1
MS-08	16	2023-10-10 12:00:00	0.077	3.79	248.3	28.44	74	52.3
MS-12	16	2023-10-10 13:00:00	0.042	4.82	170.9	28.5	76.3	49.9
MS-08	16	2023-10-10 13:00:00	0.078	3.77	257.3	28.41	75.4	50.7
MS-08	16	2023-10-10 14:00:00	0.077	3.65	253.9	28.39	76.4	49.9
MS-12	16	2023-10-10 14:00:00	0.043	4.61	176.4	28.49	76.9	50
MS-12	16	2023-10-10 15:00:00	0.053	4.38	195.8	28.48	76.3	53.3
MS-08	16	2023-10-10 15:00:00	0.086	3.75	258.3	28.38	75.3	53.8
MS-12	16	2023-10-10 16:00:00	0.053	3.25	203.1	28.48	74.5	57.5
MS-08	16	2023-10-10 16:00:00	0.089	3.59	254.3	28.38	73.2	58.8
MS-12	16	2023-10-10 17:00:00	0.041	2.02	216.3	28.47	70.3	64.3
MS-08	16	2023-10-10 17:00:00	0.083	2.94	260	28.38	69.5	65
MS-08	16	2023-10-10 18:00:00	0.08	2.41	260.4	28.38	66.5	71.1
MS-12	16	2023-10-10 18:00:00	0.046	1.25	310.5	28.47	67.3	69.9
MS-12	16	2023-10-10 19:00:00	0.043	1	6.7	28.48	63.7	77.9
MS-08	16	2023-10-10 19:00:00	0.077	2.04	251.6	28.38	63.7	77.8
MS-08	16	2023-10-10 20:00:00	0.072	1.23	238.2	28.39	60.7	83.2
MS-12	16	2023-10-10 20:00:00	0.04	0.75	22.8	28.49	60.5	83.5
MS-08	16	2023-10-10 21:00:00	0.06	1.68	246	28.39	57.8	87.3
MS-12	16	2023-10-10 21:00:00	0.039	1.07	9.3	28.49	58.5	87.7
MS-12	16	2023-10-10 22:00:00	0.031	1	343.4	28.48	56.8	88.6
MS-08	16	2023-10-10 22:00:00	0.053	1.3	249.6	28.38	56.4	89.9
MS-08	16	2023-10-10 23:00:00	0.044	1.68	241	28.39	55	91.1
MS-08	16	2023-10-11 00:00:00	0.033	1.41	237.6	28.38	53.9	92.2
MS-08	17	2023-10-11 05:00:00	0.042	0.91	237.8	28.37	55.8	92.9
MS-08	18	2023-10-13 08:00:00	0.037	1.48	238.3	28.57	52	53.7

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	18	2023-10-13 09:00:00	0.035	1.32	254.3	28.58	65	35.9
MS-11	19	2023-10-13 15:00:00	0.039	3.87	139.1	28.32	81.2	23.7
MS-12	19	2023-10-13 16:00:00	0.26	3.63	197.5	28.63	80.4	37.4
MS-09	19	2023-10-13 16:00:00	0.049	5.13	230.8	28.53	80.8	32.1
MS-10	19	2023-10-13 16:00:00	0.037	4.66	241.6	28.7	80.8	33
MS-08	19	2023-10-13 16:00:00	0.3	3.87	259.4	28.53	79.6	37.2
MS-11	19	2023-10-13 16:00:00	0.276	4.47	229.4	28.32	77.7	43.6
MS-06	19	2023-10-13 16:00:00	0.115	7.19	236	28.67	81	35.4
MS-08	19	2023-10-13 17:00:00	0.325	3.96	244.2	28.54	74.4	44.9
MS-10	19	2023-10-13 17:00:00	0.058	5	230.7	28.71	76.7	41.7
MS-11	19	2023-10-13 17:00:00	0.329	3.91	234.8	28.33	73.6	52.5
MS-12	19	2023-10-13 17:00:00	0.276	2.44	254.3	28.64	75.3	44.7
MS-09	19	2023-10-13 17:00:00	0.054	5.07	236	28.55	75.9	41.3
MS-06	19	2023-10-13 17:00:00	0.219	6.05	237	28.69	76.8	43
MS-08	19	2023-10-13 18:00:00	0.343	2.66	252.4	28.57	70.3	52.2
MS-12	19	2023-10-13 18:00:00	0.288	2.79	172.8	28.67	70.9	52.5
MS-06	19	2023-10-13 18:00:00	0.224	5.88	226.1	28.71	71.6	50.7
MS-09	19	2023-10-13 18:00:00	0.045	3.35	238.3	28.57	70.8	50.6
MS-10	19	2023-10-13 18:00:00	0.057	1.91	232.2	28.74	71.7	50.3
MS-11	19	2023-10-13 18:00:00	0.32	3.11	227.2	28.36	68	62.1
MS-11	19	2023-10-13 19:00:00	0.301	4.87	232.3	28.38	64.1	66.8
MS-12	19	2023-10-13 19:00:00	0.262	1.26	53.6	28.69	65.8	57.6
MS-08	19	2023-10-13 19:00:00	0.312	1.99	250.1	28.59	65.8	56.2
MS-10	19	2023-10-13 19:00:00	0.056	1.39	234.3	28.77	65.7	63.1
MS-09	19	2023-10-13 19:00:00	0.044	1.96	248	28.6	67.3	54
MS-06	19	2023-10-13 19:00:00	0.215	2.6	265.2	28.74	67.1	55.8
MS-08	19	2023-10-13 20:00:00	0.263	1.98	264.9	28.61	61	60.5
MS-12	19	2023-10-13 20:00:00	0.226	1.57	4.5	28.71	60.4	63.6
MS-09	19	2023-10-13 20:00:00	0.043	2.18	4.1	28.62	61	63
MS-11	19	2023-10-13 20:00:00	0.278	3.24	208	28.4	62.4	67.3
MS-06	19	2023-10-13 20:00:00	0.212	2.37	284.9	28.76	62.3	63.6
MS-10	19	2023-10-13 20:00:00	0.054	0.89	266.9	28.79	62.3	66.3
MS-08	19	2023-10-13 21:00:00	0.239	2.19	256.2	28.63	55.6	69.6
MS-06	19	2023-10-13 21:00:00	0.2	2.29	261.9	28.78	59.3	68.1
MS-10	19	2023-10-13 21:00:00	0.055	0.69	308.6	28.81	58.9	71.1
MS-09	19	2023-10-13 21:00:00	0.041	2.01	8.5	28.64	57.8	66.1
MS-11	19	2023-10-13 21:00:00	0.273	1.15	206.1	28.41	59.9	74
MS-12	19	2023-10-13 21:00:00	0.205	1.86	348	28.73	56.9	68.1
MS-10	19	2023-10-13 22:00:00	0.051	0.68	11.7	28.83	56.3	71.7
MS-11	19	2023-10-13 22:00:00	0.24	1.82	228.1	28.43	59.8	70.8
MS-08	19	2023-10-13 22:00:00	0.217	2.11	255	28.64	53.7	73.4
MS-06	19	2023-10-13 22:00:00	0.187	1.69	256.9	28.79	56.7	72

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-09	19	2023-10-13 22:00:00	0.037	2.7	29.9	28.65	55.8	70.5
MS-12	19	2023-10-13 22:00:00	0.182	1.86	342.6	28.74	54.1	72.4
MS-06	19	2023-10-13 23:00:00	0.167	1.85	252	28.79	54.6	76.4
MS-09	19	2023-10-13 23:00:00	0.032	2.02	31.2	28.65	54.5	72.6
MS-12	19	2023-10-13 23:00:00	0.169	2.65	341.3	28.74	52.9	75
MS-11	19	2023-10-13 23:00:00	0.22	1.01	205.7	28.43	56.8	77.2
MS-10	19	2023-10-13 23:00:00	0.045	0.72	36.6	28.83	54.3	73.5
MS-08	19	2023-10-13 23:00:00	0.206	1.67	253.5	28.64	51.4	79.6
MS-10	19	2023-10-14 00:00:00	0.039	0.72	25.3	28.83	52.7	75.7
MS-11	19	2023-10-14 00:00:00	0.206	0.81	197.8	28.43	55.7	79.9
MS-08	19	2023-10-14 00:00:00	0.196	1.65	252	28.64	50.3	83.1
MS-06	19	2023-10-14 00:00:00	0.15	1.97	254.2	28.8	53.1	78
MS-12	19	2023-10-14 00:00:00	0.157	2.6	346.8	28.75	52	77.7
MS-06	19	2023-10-14 01:00:00	0.135	1.69	255.3	28.8	52.4	79.2
MS-12	19	2023-10-14 01:00:00	0.134	2.17	336.8	28.75	50.2	80.4
MS-11	19	2023-10-14 01:00:00	0.184	0.96	174.4	28.43	55.3	79.3
MS-08	19	2023-10-14 01:00:00	0.16	1.75	257.9	28.65	49.2	83.4
MS-10	19	2023-10-14 01:00:00	0.036	0.72	13.6	28.84	51	79.5
MS-11	19	2023-10-14 02:00:00	0.156	0.85	175.3	28.43	54	80.7
MS-06	19	2023-10-14 02:00:00	0.112	1.71	253.8	28.81	51.2	79.5
MS-12	19	2023-10-14 02:00:00	0.118	2.9	340.7	28.75	49.4	81.4
MS-10	19	2023-10-14 02:00:00	0.036	0.68	341.4	28.84	49.4	81.5
MS-08	19	2023-10-14 02:00:00	0.127	1.91	254.5	28.65	48.5	83.2
MS-12	19	2023-10-14 03:00:00	0.095	2.67	343.1	28.74	48.8	80.7
MS-08	19	2023-10-14 03:00:00	0.098	1.98	258.4	28.64	48	81.5
MS-06	19	2023-10-14 03:00:00	0.089	1.53	248.4	28.8	49.8	79.4
MS-11	19	2023-10-14 03:00:00	0.128	0.67	175.4	28.43	52.6	82
MS-08	19	2023-10-14 04:00:00	0.061	1.74	253	28.64	46.9	81.2
MS-11	19	2023-10-14 04:00:00	0.095	0.85	176.6	28.43	52.5	80.1
MS-12	19	2023-10-14 04:00:00	0.063	2.13	337.8	28.75	47.6	80.1
MS-06	19	2023-10-14 04:00:00	0.07	2.03	254.1	28.8	48.8	79.4
MS-06	19	2023-10-14 05:00:00	0.064	2.01	250.4	28.81	48.2	81.8
MS-12	19	2023-10-14 05:00:00	0.037	2.6	342.3	28.75	46.5	80.3
MS-11	19	2023-10-14 05:00:00	0.053	0.88	184.2	28.44	53.3	73
MS-06	19	2023-10-14 06:00:00	0.056	1.63	251.6	28.82	47.4	83.2
MS-06	19	2023-10-14 07:00:00	0.063	1.98	234.3	28.84	49.1	81.7
MS-06	19	2023-10-14 08:00:00	0.049	1.71	114.4	28.87	56.8	63.6
MS-12	19	2023-10-14 08:00:00	0.045	1.75	2.6	28.81	54	69.3
MS-08	19	2023-10-14 08:00:00	0.068	1.9	242.6	28.71	50.8	76.9
MS-11	19	2023-10-14 08:00:00	0.058	1.51	38	28.49	58.7	67.8
MS-11	19	2023-10-14 09:00:00	0.077	1.11	15	28.5	58.9	69.5
MS-08	19	2023-10-14 09:00:00	0.075	1.83	238.8	28.72	53.8	71.1

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	19	2023-10-14 09:00:00	0.034	1.67	104.5	28.87	58.9	57.9
MS-12	19	2023-10-14 09:00:00	0.066	1.47	358.2	28.82	58.5	62.2
MS-08	19	2023-10-14 10:00:00	0.07	1.31	161.9	28.72	65.4	50
MS-11	19	2023-10-14 10:00:00	0.048	1.45	42.6	28.51	64.8	57.2
MS-06	19	2023-10-14 10:00:00	0.033	2.22	96.2	28.87	64.4	49.8
MS-12	19	2023-10-14 10:00:00	0.041	1.67	217.4	28.82	65.3	48.8
MS-12	19	2023-10-14 11:00:00	0.035	2.31	167.9	28.81	74.8	36.6
MS-08	20	2023-10-14 15:00:00	0.059	3.37	243.9	28.65	83.1	29.7
MS-11	20	2023-10-14 15:00:00	0.052	3.53	283	28.44	81.8	35.4
MS-06	20	2023-10-14 15:00:00	0.038	7.42	231.9	28.79	82.9	31.4
MS-12	20	2023-10-14 15:00:00	0.058	3.4	191.9	28.74	84.5	30.2
MS-12	20	2023-10-14 16:00:00	0.077	3.47	197.8	28.75	81.9	33.6
MS-08	20	2023-10-14 16:00:00	0.086	3.73	255	28.65	81.1	33.1
MS-11	20	2023-10-14 16:00:00	0.065	3.69	272.3	28.44	79.9	38.4
MS-06	20	2023-10-14 16:00:00	0.06	8.03	235.2	28.79	81.6	34.1
MS-08	20	2023-10-14 17:00:00	0.11	3.59	263.4	28.65	76.6	38.2
MS-12	20	2023-10-14 17:00:00	0.089	1.79	213.5	28.75	77.3	38.5
MS-06	20	2023-10-14 17:00:00	0.055	7.62	234.6	28.8	78.6	35.7
MS-08	20	2023-10-14 18:00:00	0.078	2.84	269.8	28.66	73.6	39.6
MS-12	20	2023-10-14 18:00:00	0.061	1.2	72.7	28.77	72.7	41.1
MS-06	20	2023-10-14 18:00:00	0.037	5.29	233.7	28.81	74.5	37.9
MS-08	20	2023-10-14 19:00:00	0.09	1.45	286.7	28.68	67.8	47.6
MS-12	20	2023-10-14 19:00:00	0.066	1.57	341.6	28.78	64.7	52.6
MS-06	20	2023-10-14 19:00:00	0.047	2.4	229.4	28.83	70.6	42.8
MS-12	20	2023-10-14 20:00:00	0.069	1.86	329.5	28.8	61.2	58.3
MS-11	20	2023-10-14 20:00:00	0.035	3.11	217.2	28.49	66.3	52
MS-06	20	2023-10-14 20:00:00	0.056	2.08	299.4	28.85	65.7	52.6
MS-08	20	2023-10-14 20:00:00	0.093	1.76	250.6	28.7	60.2	59.6
MS-06	20	2023-10-14 21:00:00	0.06	2.11	261	28.87	61	61.9
MS-08	20	2023-10-14 21:00:00	0.079	2.05	254.6	28.71	56.6	66.2
MS-12	20	2023-10-14 21:00:00	0.065	2.08	336.7	28.82	57.8	64.6
MS-06	20	2023-10-14 22:00:00	0.052	1.81	244.4	28.87	58.3	65.4
MS-08	20	2023-10-14 22:00:00	0.075	2	256.4	28.72	54.9	69.9
MS-12	20	2023-10-14 22:00:00	0.062	2.7	342.4	28.82	56.6	66.8
MS-06	20	2023-10-14 23:00:00	0.045	2.01	253.3	28.88	56.7	67.3
MS-12	20	2023-10-14 23:00:00	0.055	2.59	341.3	28.82	54.6	70.8
MS-08	20	2023-10-14 23:00:00	0.068	1.83	252.2	28.72	52.9	73.8
MS-08	20	2023-10-15 00:00:00	0.049	2	257.8	28.72	51.7	74.8
MS-12	20	2023-10-15 00:00:00	0.041	3.07	345.7	28.83	53.4	71.5
MS-11	20	2023-10-15 00:00:00	0.033	0.94	181.6	28.51	58.3	66.8
MS-06	20	2023-10-15 00:00:00	0.038	2.31	255.7	28.88	55.4	69.5
MS-06	21	2023-10-15 19:00:00	0.039	4.04	299.1	28.81	73.5	45.2

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-11	21	2023-10-15 19:00:00	0.075	4.63	230.1	28.46	76.2	36.3
MS-10	21	2023-10-15 19:00:00	0.031	0.83	314.7	28.84	73.1	43.6
MS-06	21	2023-10-15 20:00:00	0.113	2.29	271.4	28.83	68.6	50.2
MS-06	21	2023-10-15 21:00:00	0.125	1.99	258.3	28.84	62.4	57.3
MS-06	21	2023-10-15 22:00:00	0.113	2.17	258.5	28.85	60.7	54
MS-06	21	2023-10-15 23:00:00	0.097	2	258.7	28.84	58.6	54.5
MS-06	21	2023-10-16 00:00:00	0.078	2.07	254.6	28.84	56.8	54.5
MS-06	21	2023-10-16 01:00:00	0.069	2.08	258.4	28.84	55.7	55.1
MS-06	21	2023-10-16 02:00:00	0.058	2.2	253.2	28.84	54.3	56.2
MS-06	21	2023-10-16 03:00:00	0.048	1.96	251.9	28.83	52.9	57.9
MS-06	21	2023-10-16 04:00:00	0.038	1.95	251.8	28.83	52.5	57.4
MS-06	22	2023-10-16 07:00:00	0.032	1.8	251	28.84	51.7	58.8
MS-08	22	2023-10-16 08:00:00	0.062	2.39	252.9	28.7	54.7	55.5
MS-11	22	2023-10-16 08:00:00	0.031	1.18	74.3	28.48	68.6	38.8
MS-08	22	2023-10-16 09:00:00	0.088	1.08	239.6	28.7	68.2	37.8
MS-11	22	2023-10-16 09:00:00	0.135	1.44	22.8	28.48	75.4	39.2
MS-11	23	2023-10-16 14:00:00	0.098	3.23	282.2	28.39	91.6	23.5
MS-12	23	2023-10-16 14:00:00	0.07	4.13	181.6	28.69	92.7	22.7
MS-08	23	2023-10-16 14:00:00	0.138	3.48	244	28.6	91.5	23.2
MS-09	23	2023-10-16 15:00:00	0.034	5.45	233.8	28.59	91.1	23.3
MS-12	23	2023-10-16 15:00:00	0.09	3.34	214.2	28.68	92.4	24
MS-11	23	2023-10-16 15:00:00	0.15	3.74	259.1	28.38	89.6	27.1
MS-08	23	2023-10-16 15:00:00	0.155	3.48	230.8	28.59	90.9	23.9
MS-08	23	2023-10-16 16:00:00	0.194	2.73	241.2	28.58	89.4	26.5
MS-06	23	2023-10-16 16:00:00	0.145	6.78	240.8	28.72	89.4	26.6
MS-11	23	2023-10-16 16:00:00	0.192	4.59	237.9	28.37	85.5	32.3
MS-12	23	2023-10-16 16:00:00	0.101	2.62	225.8	28.67	89.5	26.7
MS-10	23	2023-10-16 16:00:00	0.03	5.12	230.6	28.74	89.2	26.1
MS-09	23	2023-10-16 16:00:00	0.038	5.57	231.1	28.57	89.2	25.1
MS-06	23	2023-10-16 17:00:00	0.167	7.13	231.5	28.72	85.2	30.7
MS-08	23	2023-10-16 17:00:00	0.219	2.72	255.6	28.58	83.2	31.9
MS-10	23	2023-10-16 17:00:00	0.04	2.11	252.6	28.74	85.2	31.2
MS-11	23	2023-10-16 17:00:00	0.195	4.01	238.4	28.37	81.7	36.8
MS-09	23	2023-10-16 17:00:00	0.039	3.21	262.5	28.57	85.2	29.7
MS-12	23	2023-10-16 17:00:00	0.115	2.01	221.2	28.67	83.9	32.1
MS-09	23	2023-10-16 18:00:00	0.035	1.95	312.6	28.59	78	34.9
MS-08	23	2023-10-16 18:00:00	0.22	2.47	241.9	28.59	76.8	38.4
MS-11	23	2023-10-16 18:00:00	0.203	3.98	221.6	28.38	75.1	45.4
MS-10	23	2023-10-16 18:00:00	0.045	1.25	168.2	28.76	78	40.2
MS-06	23	2023-10-16 18:00:00	0.181	3.21	236.8	28.73	78.3	38
MS-12	23	2023-10-16 18:00:00	0.116	1.26	24.9	28.69	76.4	39.4
MS-10	23	2023-10-16 19:00:00	0.047	1.19	216.1	28.77	71.7	49.5

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	23	2023-10-16 19:00:00	0.224	1.95	254.3	28.6	67.8	49.3
MS-06	23	2023-10-16 19:00:00	0.18	2.89	289.5	28.74	72.8	44.7
MS-09	23	2023-10-16 19:00:00	0.033	2.25	3.4	28.6	71.8	39.9
MS-11	23	2023-10-16 19:00:00	0.178	2.56	195.5	28.39	72.4	46.7
MS-12	23	2023-10-16 19:00:00	0.121	1.67	8.6	28.7	68	50.5
MS-12	23	2023-10-16 20:00:00	0.112	1.79	337.2	28.7	64.1	54.5
MS-11	23	2023-10-16 20:00:00	0.098	1.15	225.8	28.39	72.7	38.5
MS-08	23	2023-10-16 20:00:00	0.193	1.74	248.6	28.6	63.6	53.8
MS-09	23	2023-10-16 20:00:00	0.033	1.42	46.7	28.6	69.3	45.3
MS-06	23	2023-10-16 20:00:00	0.173	2.18	268.4	28.75	69	48
MS-10	23	2023-10-16 20:00:00	0.041	1.01	10.8	28.78	68.2	52
MS-11	23	2023-10-16 21:00:00	0.113	1.29	197.6	28.4	68	47.9
MS-08	23	2023-10-16 21:00:00	0.178	2	255.4	28.61	60.5	58.6
MS-06	23	2023-10-16 21:00:00	0.168	2.24	260.6	28.76	65.3	56.7
MS-10	23	2023-10-16 21:00:00	0.033	0.73	17.4	28.79	64	53.1
MS-09	23	2023-10-16 21:00:00	0.033	1.38	26.7	28.61	66.3	52.5
MS-12	23	2023-10-16 21:00:00	0.1	2.22	335.6	28.71	62	55.8
MS-10	23	2023-10-16 22:00:00	0.037	0.87	354.3	28.79	61.4	59.6
MS-08	23	2023-10-16 22:00:00	0.169	2.12	255.4	28.61	59.1	61
MS-12	23	2023-10-16 22:00:00	0.095	2.54	334.5	28.71	59.6	60.3
MS-06	23	2023-10-16 22:00:00	0.154	2.2	261.3	28.76	62.7	59.4
MS-11	23	2023-10-16 22:00:00	0.121	1.3	184.1	28.4	66.6	51.2
MS-08	23	2023-10-16 23:00:00	0.161	1.78	251	28.61	57	65.6
MS-10	23	2023-10-16 23:00:00	0.04	0.76	340.5	28.79	59.7	65.5
MS-12	23	2023-10-16 23:00:00	0.091	2.61	340.9	28.71	58.4	62.5
MS-11	23	2023-10-16 23:00:00	0.104	1.7	171.3	28.4	65.8	51.9
MS-06	23	2023-10-16 23:00:00	0.132	2.28	258.7	28.76	61.1	59.1
MS-12	23	2023-10-17 00:00:00	0.083	2.61	335.7	28.7	57.6	63.1
MS-10	23	2023-10-17 00:00:00	0.031	0.72	12.1	28.78	58.4	64.9
MS-11	23	2023-10-17 00:00:00	0.08	1.34	177.8	28.39	65	51
MS-06	23	2023-10-17 00:00:00	0.108	2.09	255.4	28.75	60.2	58.1
MS-08	23	2023-10-17 00:00:00	0.134	2.5	259.5	28.6	57	63.7
MS-08	23	2023-10-17 01:00:00	0.096	2.1	257.5	28.6	54.3	66.5
MS-06	23	2023-10-17 01:00:00	0.087	2.44	260	28.75	58.3	59.7
MS-11	23	2023-10-17 01:00:00	0.041	1.75	173.7	28.38	63.5	50.6
MS-10	23	2023-10-17 01:00:00	0.033	0.84	355.5	28.78	56.5	70.2
MS-12	23	2023-10-17 01:00:00	0.066	3.14	341.8	28.7	56.3	63.1
MS-11	23	2023-10-17 02:00:00	0.039	1.44	165.4	28.38	62.5	52
MS-06	23	2023-10-17 02:00:00	0.068	2.12	264.1	28.75	57.5	59.4
MS-08	23	2023-10-17 02:00:00	0.048	2.45	258.3	28.59	53.6	64.6
MS-12	23	2023-10-17 02:00:00	0.046	2.89	332.4	28.7	54.1	64.3
MS-10	23	2023-10-17 02:00:00	0.035	0.78	321.8	28.78	53.9	76.1

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	23	2023-10-17 03:00:00	0.038	1.67	259.9	28.59	51.9	67.9
MS-12	23	2023-10-17 03:00:00	0.036	3.16	336.6	28.69	52.8	66
MS-06	23	2023-10-17 03:00:00	0.057	2.21	252.9	28.74	56.4	61.2
MS-06	23	2023-10-17 04:00:00	0.046	2.34	262.3	28.74	55.5	61.9
MS-08	24	2023-10-17 08:00:00	0.051	2.38	250.9	28.61	55.9	64
MS-12	24	2023-10-17 08:00:00	0.038	1.54	4.2	28.71	59.7	58
MS-08	24	2023-10-17 09:00:00	0.045	1.14	227.5	28.61	68.6	42.7
MS-11	24	2023-10-17 09:00:00	0.039	1.48	47.9	28.39	72	44.3
MS-12	25	2023-10-17 11:00:00	0.102	2.41	167.7	28.67	85	27
MS-11	26	2023-10-17 14:00:00	0.088	3.44	263	28.3	88.5	31.1
MS-08	26	2023-10-17 14:00:00	0.06	3.21	238.8	28.53	89.7	26.5
MS-12	26	2023-10-17 14:00:00	0.053	3.55	208.8	28.61	91	26.2
MS-06	26	2023-10-17 15:00:00	0.087	7.5	226.6	28.64	89.1	29.6
MS-08	26	2023-10-17 15:00:00	0.108	3.35	254.8	28.52	88.7	29
MS-11	26	2023-10-17 15:00:00	0.161	4.04	243.9	28.3	86.3	35
MS-10	26	2023-10-17 15:00:00	0.052	5.09	235.9	28.69	89.5	30
MS-12	26	2023-10-17 15:00:00	0.069	3.55	186.6	28.6	89.5	29.2
MS-06	26	2023-10-17 16:00:00	0.095	7.42	239.5	28.64	86.9	31.1
MS-12	26	2023-10-17 16:00:00	0.068	2.54	193.2	28.59	87.2	31
MS-11	26	2023-10-17 16:00:00	0.192	4.04	248.6	28.29	83.2	40.1
MS-10	26	2023-10-17 16:00:00	0.054	4.36	237.4	28.69	87	32.2
MS-08	26	2023-10-17 16:00:00	0.116	3.06	255.7	28.51	86.9	30.4
MS-06	26	2023-10-17 17:00:00	0.097	5.65	225.8	28.64	83.2	34.8
MS-08	26	2023-10-17 17:00:00	0.084	2.79	266.8	28.52	81.3	33.2
MS-12	26	2023-10-17 17:00:00	0.054	1.45	195	28.6	82	33.7
MS-10	26	2023-10-17 17:00:00	0.038	2.99	232.4	28.69	83.6	33.3
MS-11	26	2023-10-17 17:00:00	0.212	3.04	225.5	28.3	79.1	48.3
MS-06	26	2023-10-17 18:00:00	0.11	3.59	243.8	28.66	76.8	46.5
MS-12	26	2023-10-17 18:00:00	0.068	1.04	347.1	28.61	73.8	44.8
MS-10	26	2023-10-17 18:00:00	0.059	1.12	209.1	28.71	76.6	46.9
MS-08	26	2023-10-17 18:00:00	0.127	1.97	243.5	28.53	73.5	44.4
MS-11	26	2023-10-17 18:00:00	0.205	4.84	226.7	28.31	73	58.2
MS-08	26	2023-10-17 19:00:00	0.131	1.7	246.9	28.55	66.2	55.3
MS-11	26	2023-10-17 19:00:00	0.189	3.89	225.7	28.32	70.2	62.2
MS-12	26	2023-10-17 19:00:00	0.073	1.02	348.5	28.63	65.6	57.2
MS-06	26	2023-10-17 19:00:00	0.109	2.73	291.1	28.68	69.7	61.7
MS-10	26	2023-10-17 19:00:00	0.062	0.84	131.2	28.73	70.1	60.8
MS-11	26	2023-10-17 20:00:00	0.172	0.97	190.7	28.33	67.6	65.8
MS-08	26	2023-10-17 20:00:00	0.112	2.17	256.9	28.56	61.1	62.9
MS-10	26	2023-10-17 20:00:00	0.056	0.7	31.5	28.75	65.7	66.4
MS-12	26	2023-10-17 20:00:00	0.074	1.84	335.2	28.64	61.4	66
MS-06	26	2023-10-17 20:00:00	0.103	2.33	278.2	28.69	65.8	69.1



Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	26	2023-10-17 21:00:00	0.035	0.71	36.8	28.76	62.5	61.8
MS-12	26	2023-10-17 21:00:00	0.069	2.41	341.4	28.65	59.8	68.2
MS-11	26	2023-10-17 21:00:00	0.158	0.67	210.9	28.34	64.1	72.3
MS-08	26	2023-10-17 21:00:00	0.106	2.19	254.1	28.57	58.8	67.3
MS-06	26	2023-10-17 21:00:00	0.099	2.14	255.2	28.7	61.7	73.9
MS-06	26	2023-10-17 22:00:00	0.089	1.9	257.2	28.71	60.2	73.3
MS-08	26	2023-10-17 22:00:00	0.107	2.07	257.3	28.58	57.4	71
MS-12	26	2023-10-17 22:00:00	0.059	2.8	339.5	28.66	58.5	68.3
MS-11	26	2023-10-17 22:00:00	0.129	0.72	178.7	28.35	63.6	72.1
MS-08	26	2023-10-17 23:00:00	0.094	2.1	257.8	28.58	55.9	73.6
MS-12	26	2023-10-17 23:00:00	0.054	3.48	347.6	28.66	57.4	69.6
MS-06	26	2023-10-17 23:00:00	0.07	1.99	255.9	28.71	59.2	70.2
MS-11	26	2023-10-17 23:00:00	0.116	0.69	205.1	28.35	61.4	76
MS-11	26	2023-10-18 00:00:00	0.058	2.28	138.2	28.35	63.8	65.3
MS-08	26	2023-10-18 00:00:00	0.068	1.92	252.9	28.58	54.1	74
MS-06	26	2023-10-18 00:00:00	0.057	2.09	252.2	28.72	57.7	71.3
MS-12	26	2023-10-18 00:00:00	0.044	3.09	341.2	28.67	56	70.2
MS-06	26	2023-10-18 01:00:00	0.053	1.88	256.6	28.72	56.7	74.4
MS-12	26	2023-10-18 01:00:00	0.035	2.13	332.7	28.67	54	72.2
MS-08	26	2023-10-18 01:00:00	0.034	2.66	260.8	28.58	53.6	72
MS-06	26	2023-10-18 02:00:00	0.039	1.58	250.2	28.72	54.5	76.4
MS-08	27	2023-10-18 09:00:00	0.069	1.06	214	28.64	70.4	48.9
MS-08	27	2023-10-18 10:00:00	0.061	1.3	66.6	28.63	83.5	32.2
MS-12	28	2023-10-18 17:00:00	0.046	2.03	158.3	28.63	86.6	38.2
MS-06	28	2023-10-18 18:00:00	0.129	3.51	299.2	28.69	77.6	50.8
MS-12	28	2023-10-18 18:00:00	0.062	0.82	3.4	28.64	74	52.7
MS-08	28	2023-10-18 18:00:00	0.054	2.2	246.9	28.56	72.8	39.2
MS-11	28	2023-10-18 18:00:00	0.083	3.82	228.3	28.34	81.3	38.7
MS-10	28	2023-10-18 18:00:00	0.054	0.86	2.4	28.74	78.2	50.7
MS-06	28	2023-10-18 19:00:00	0.198	3.47	305.5	28.71	72.4	57.3
MS-10	28	2023-10-18 19:00:00	0.054	0.7	47.8	28.76	72.2	58.5
MS-11	28	2023-10-18 19:00:00	0.14	3.08	218.2	28.35	77.7	46.6
MS-12	28	2023-10-18 19:00:00	0.056	1.11	343.2	28.67	66.5	55.6
MS-08	28	2023-10-18 19:00:00	0.053	1.83	245.5	28.58	66.7	47.1
MS-10	28	2023-10-18 20:00:00	0.047	0.69	40.5	28.79	68	59.4
MS-12	28	2023-10-18 20:00:00	0.058	2.29	334.4	28.68	63.9	60.6
MS-06	28	2023-10-18 20:00:00	0.222	1.92	263.4	28.73	69.3	60.7
MS-11	28	2023-10-18 20:00:00	0.099	1.08	200.2	28.37	72.4	48.4
MS-08	28	2023-10-18 20:00:00	0.067	2.33	256.9	28.6	63.8	53.5
MS-12	28	2023-10-18 21:00:00	0.051	1.85	324.9	28.7	62.6	59.8
MS-06	28	2023-10-18 21:00:00	0.192	2.14	258.3	28.75	64.3	65
MS-08	28	2023-10-18 21:00:00	0.089	1.96	254.7	28.62	61.9	59

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-11	28	2023-10-18 21:00:00	0.104	2.04	181.4	28.39	70.2	52.2
MS-11	28	2023-10-18 22:00:00	0.121	1.15	192.8	28.4	69.6	54.5
MS-08	28	2023-10-18 22:00:00	0.085	1.97	253.1	28.63	59.3	62.7
MS-12	28	2023-10-18 22:00:00	0.039	2.9	334.9	28.71	60.7	60.1
MS-06	28	2023-10-18 22:00:00	0.172	1.92	253.5	28.76	63.9	59
MS-08	28	2023-10-18 23:00:00	0.063	2.14	260.5	28.64	58.1	62.3
MS-06	28	2023-10-18 23:00:00	0.171	1.94	258.7	28.77	61.7	63.1
MS-11	28	2023-10-18 23:00:00	0.109	0.9	197.1	28.41	65.4	60.4
MS-08	28	2023-10-19 00:00:00	0.065	1.86	254.7	28.64	55.6	67.2
MS-06	28	2023-10-19 00:00:00	0.146	2.13	253.7	28.77	59.7	62.2
MS-11	28	2023-10-19 00:00:00	0.036	0.79	196.8	28.41	64.9	51.9
MS-06	28	2023-10-19 01:00:00	0.123	1.6	255.1	28.77	58.5	60.9
MS-06	28	2023-10-19 02:00:00	0.097	2.02	261.1	28.77	56.9	61
MS-06	28	2023-10-19 03:00:00	0.082	1.92	256.6	28.77	55.7	61.8
MS-06	28	2023-10-19 04:00:00	0.057	1.9	256.1	28.77	54.7	60.9
MS-06	28	2023-10-19 05:00:00	0.049	2.3	258.9	28.77	54.1	62.9
MS-06	28	2023-10-19 06:00:00	0.042	1.64	259.9	28.78	52.7	65.4
MS-06	28	2023-10-19 07:00:00	0.041	1.9	247.3	28.79	53.9	63.4
MS-06	28	2023-10-19 08:00:00	0.032	1.68	154.2	28.8	63	48.6
MS-08	28	2023-10-19 09:00:00	0.046	1.08	200.9	28.66	70.4	41.9
MS-11	28	2023-10-19 09:00:00	0.08	1.3	29.7	28.43	76.3	44.2
MS-11	28	2023-10-19 10:00:00	0.068	2.54	7.6	28.43	82.9	35
MS-12	28	2023-10-19 10:00:00	0.097	1.12	159.5	28.74	82.6	27.9
MS-12	29	2023-10-19 12:00:00	0.145	2.5	182.3	28.69	96.3	17.9
MS-08	30	2023-10-19 14:00:00	0.076	3.3	234.2	28.59	95.4	24.3
MS-11	30	2023-10-19 14:00:00	0.126	4.26	237.6	28.37	91.9	30.1
MS-08	30	2023-10-19 15:00:00	0.073	3.48	240.7	28.59	93.1	24.4
MS-10	30	2023-10-19 15:00:00	0.031	4.66	244.6	28.76	94.1	26.1
MS-11	30	2023-10-19 15:00:00	0.108	4.3	240.4	28.36	89.5	30.6
MS-06	30	2023-10-19 15:00:00	0.077	7.39	228.8	28.71	93.4	25.2
MS-06	30	2023-10-19 16:00:00	0.103	7.9	242.1	28.71	90.9	26.2
MS-08	30	2023-10-19 16:00:00	0.064	3.41	258.8	28.59	90.5	26
MS-12	30	2023-10-19 16:00:00	0.031	2.92	193.5	28.67	91	26.1
MS-11	30	2023-10-19 16:00:00	0.094	4.59	240	28.36	87.7	31.8
MS-12	30	2023-10-19 17:00:00	0.034	1.7	39	28.67	85.8	30.1
MS-11	30	2023-10-19 17:00:00	0.107	3.65	233.2	28.36	83.7	36.1
MS-06	30	2023-10-19 17:00:00	0.091	7.04	233.2	28.71	87.3	27.2
MS-08	30	2023-10-19 17:00:00	0.081	2.9	271.5	28.59	85.1	30.5
MS-11	30	2023-10-19 18:00:00	0.084	1.71	233.5	28.37	78.4	40.5
MS-12	30	2023-10-19 18:00:00	0.049	1.07	353.2	28.68	77.3	39.9
MS-06	30	2023-10-19 18:00:00	0.113	3.47	251.4	28.72	82.2	33.1
MS-08	30	2023-10-19 18:00:00	0.086	2.08	252.5	28.6	81	34.4

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	30	2023-10-19 19:00:00	0.091	1.58	245.8	28.61	72.1	43.4
MS-06	30	2023-10-19 19:00:00	0.127	2.3	298.3	28.74	76.5	41
MS-10	30	2023-10-19 19:00:00	0.035	0.74	75	28.79	75	44.8
MS-11	30	2023-10-19 19:00:00	0.064	2.61	231	28.39	76.2	41.8
MS-12	30	2023-10-19 19:00:00	0.051	1.07	351.4	28.69	70.4	47.8
MS-06	30	2023-10-19 20:00:00	0.135	2.42	281.1	28.75	71.2	50.4
MS-11	30	2023-10-19 20:00:00	0.037	1.89	186.5	28.39	74.5	41.7
MS-12	30	2023-10-19 20:00:00	0.044	1.75	331.2	28.71	65.7	52.6
MS-10	30	2023-10-19 20:00:00	0.032	0.69	24.4	28.81	70.3	48.3
MS-08	30	2023-10-19 20:00:00	0.066	1.98	254.7	28.62	65.7	49.3
MS-11	30	2023-10-19 21:00:00	0.059	0.67	195.9	28.4	69.7	50.6
MS-08	30	2023-10-19 21:00:00	0.051	2.11	257.6	28.63	62.9	52.7
MS-06	30	2023-10-19 21:00:00	0.112	1.81	252.1	28.76	67.1	54.6
MS-12	30	2023-10-19 21:00:00	0.035	2.87	341.2	28.71	64.7	52.3
MS-06	30	2023-10-19 22:00:00	0.109	1.87	249.4	28.77	64.5	58.1
MS-08	30	2023-10-19 22:00:00	0.056	2.15	258	28.64	62	55.6
MS-12	30	2023-10-19 22:00:00	0.038	2.56	336.6	28.72	62.6	56.4
MS-11	30	2023-10-19 22:00:00	0.047	0.67	215.5	28.41	67	53.7
MS-06	30	2023-10-19 23:00:00	0.098	2.36	256.9	28.77	64	56.6
MS-08	30	2023-10-19 23:00:00	0.081	1.75	253.5	28.64	59.9	62.3
MS-10	30	2023-10-19 23:00:00	0.033	0.68	0	28.82	62.3	61.3
MS-12	30	2023-10-19 23:00:00	0.037	2.43	332.9	28.72	61.3	58.6
MS-11	30	2023-10-19 23:00:00	0.039	0.67	204.4	28.4	65.6	54.7
MS-12	30	2023-10-20 00:00:00	0.035	2.85	337.4	28.71	59.7	61.3
MS-08	30	2023-10-20 00:00:00	0.082	2.13	260.7	28.63	58.3	65.8
MS-11	30	2023-10-20 00:00:00	0.038	0.79	204.1	28.4	64.9	56.3
MS-06	30	2023-10-20 00:00:00	0.094	2.2	253.7	28.76	62.6	59
MS-06	30	2023-10-20 01:00:00	0.09	1.92	246.7	28.76	61.3	61.6
MS-11	30	2023-10-20 01:00:00	0.031	0.72	209.7	28.4	64.3	57.1
MS-12	30	2023-10-20 01:00:00	0.034	2.64	336.6	28.71	59	62.4
MS-08	30	2023-10-20 01:00:00	0.058	2.49	260	28.63	57.9	64.2
MS-06	30	2023-10-20 02:00:00	0.078	1.84	252	28.76	59.4	64.1
MS-08	30	2023-10-20 02:00:00	0.047	1.73	256	28.63	56.7	65.7
MS-08	30	2023-10-20 03:00:00	0.034	1.64	249.5	28.62	56	66.5
MS-06	30	2023-10-20 03:00:00	0.067	1.9	256.5	28.75	58.2	65.1
MS-08	30	2023-10-20 04:00:00	0.032	1.54	253	28.62	55	68.2
MS-06	30	2023-10-20 04:00:00	0.06	1.89	253	28.75	57.6	66.6
MS-06	30	2023-10-20 05:00:00	0.054	1.66	249.9	28.75	57	66.7
MS-06	30	2023-10-20 06:00:00	0.041	2.14	257	28.76	56.2	66.6
MS-06	30	2023-10-20 07:00:00	0.043	1.64	233.3	28.76	57.4	65.7
MS-06	30	2023-10-20 08:00:00	0.039	2.06	135.4	28.78	65.9	51.9
MS-08	30	2023-10-20 08:00:00	0.048	2.25	250.5	28.64	59.3	62.7

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	30	2023-10-20 09:00:00	0.067	1.17	215	28.64	71.8	44.2
MS-06	30	2023-10-20 09:00:00	0.031	2.68	120.2	28.78	71.6	42.8
MS-11	30	2023-10-20 10:00:00	0.04	1.61	33.9	28.41	81	39.9
MS-06	31	2023-10-20 17:00:00	0.048	4.88	216.3	28.64	87.3	29.2
MS-12	31	2023-10-20 18:00:00	0.034	1.36	127.2	28.6	79.2	39.2
MS-06	31	2023-10-20 18:00:00	0.106	3	242.3	28.65	78.8	42.7
MS-11	31	2023-10-20 18:00:00	0.049	1.64	196.2	28.3	77	43
MS-10	31	2023-10-20 18:00:00	0.034	1.78	237.3	28.7	78.8	44.3
MS-12	31	2023-10-20 19:00:00	0.058	1.61	118.7	28.62	71.6	56.5
MS-08	31	2023-10-20 19:00:00	0.067	1.92	222.3	28.54	72.8	44
MS-11	31	2023-10-20 19:00:00	0.083	3.4	233.7	28.31	74.2	49.2
MS-10	31	2023-10-20 19:00:00	0.036	1.68	231.4	28.72	73.2	55
MS-06	31	2023-10-20 19:00:00	0.13	3.09	289.5	28.67	71.4	58.9
MS-10	31	2023-10-20 20:00:00	0.037	0.76	318.5	28.74	69	63.8
MS-08	31	2023-10-20 20:00:00	0.099	1.29	244.3	28.55	66	57.2
MS-12	31	2023-10-20 20:00:00	0.057	1.08	57.8	28.63	65.6	67.9
MS-11	31	2023-10-20 20:00:00	0.069	3.26	232.4	28.32	73	49.2
MS-06	31	2023-10-20 20:00:00	0.12	3.05	298.7	28.68	68.4	65.5
MS-10	31	2023-10-20 21:00:00	0.038	0.7	146.5	28.75	64.7	72.9
MS-08	31	2023-10-20 21:00:00	0.082	2.08	251.8	28.56	61.6	62.3
MS-06	31	2023-10-20 21:00:00	0.109	1.87	320.1	28.69	66.7	68.5
MS-11	31	2023-10-20 21:00:00	0.064	0.79	195.4	28.33	68.2	55.9
MS-12	31	2023-10-20 21:00:00	0.054	2.35	343.5	28.64	62.9	67.6
MS-08	31	2023-10-20 22:00:00	0.08	2.06	257.8	28.56	61.3	63.1
MS-06	31	2023-10-20 22:00:00	0.099	2.13	264.7	28.69	62.1	74.8
MS-11	31	2023-10-20 22:00:00	0.064	0.67	208.7	28.33	65.6	60.4
MS-12	31	2023-10-20 22:00:00	0.051	1.84	329.6	28.65	61.3	69
MS-08	31	2023-10-20 23:00:00	0.09	1.77	253.8	28.56	58.6	69.9
MS-06	31	2023-10-20 23:00:00	0.085	2.16	255.2	28.69	61.4	70.9
MS-11	31	2023-10-20 23:00:00	0.068	0.67	204.2	28.33	64.2	63.8
MS-12	31	2023-10-20 23:00:00	0.042	2.73	344.9	28.64	60	68
MS-06	31	2023-10-21 00:00:00	0.074	1.85	255.4	28.68	60.6	69.8
MS-08	31	2023-10-21 00:00:00	0.08	1.8	255.9	28.55	57.2	71.7
MS-11	31	2023-10-21 00:00:00	0.065	0.67	198.7	28.32	62.6	65.8
MS-12	31	2023-10-21 00:00:00	0.036	3.27	347	28.63	59.3	67.2
MS-12	31	2023-10-21 01:00:00	0.03	2.41	337.5	28.63	57.3	69.7
MS-11	31	2023-10-21 01:00:00	0.037	0.71	200.4	28.31	61.1	66.2
MS-06	31	2023-10-21 01:00:00	0.057	2.1	252.9	28.68	58.9	69
MS-08	31	2023-10-21 01:00:00	0.057	1.44	256.6	28.55	56.8	69.5
MS-06	31	2023-10-21 02:00:00	0.047	1.77	245.6	28.67	57.9	69.4
MS-08	31	2023-10-21 02:00:00	0.04	2.03	260.1	28.54	55.2	71.3
MS-06	31	2023-10-21 03:00:00	0.034	2.19	257.5	28.66	57	70

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	31	2023-10-21 03:00:00	0.034	1.68	257.3	28.53	54.1	73.6
MS-08	31	2023-10-21 04:00:00	0.03	1.58	251.7	28.53	52.9	75.7
MS-06	31	2023-10-21 04:00:00	0.031	1.86	244.5	28.66	55.7	72
MS-08	32	2023-10-21 08:00:00	0.036	1.85	242.1	28.56	57.1	69.4
MS-08	32	2023-10-21 09:00:00	0.061	1.02	235.9	28.56	70	49.1
MS-11	33	2023-10-21 12:00:00	0.054	4.41	235	28.29	84.7	36.2
MS-08	33	2023-10-21 12:00:00	0.068	4.02	244.2	28.51	84.9	34
MS-12	33	2023-10-21 13:00:00	0.038	5.85	163.5	28.57	86.1	36.9
MS-11	33	2023-10-21 13:00:00	0.081	6.02	229.9	28.27	84.3	37.8
MS-08	33	2023-10-21 13:00:00	0.108	4.36	233.4	28.49	84.8	37.4
MS-06	33	2023-10-21 14:00:00	0.046	8.24	237.2	28.6	85.2	37.2
MS-11	33	2023-10-21 14:00:00	0.079	4.89	226.7	28.25	84.5	37.5
MS-12	33	2023-10-21 14:00:00	0.038	5.33	163.9	28.55	85.7	37.8
MS-08	33	2023-10-21 14:00:00	0.113	3.94	251.3	28.48	85	37.8
MS-11	33	2023-10-21 15:00:00	0.076	4.31	227	28.25	83.2	38.7
MS-08	33	2023-10-21 15:00:00	0.102	3.35	249.7	28.48	83.8	37.4
MS-12	33	2023-10-21 15:00:00	0.035	4.41	172.2	28.55	84.5	37.3
MS-06	33	2023-10-21 15:00:00	0.044	7.28	234.3	28.6	83.9	37.1
MS-08	33	2023-10-21 16:00:00	0.064	3.49	233	28.48	81	36.9
MS-06	33	2023-10-21 16:00:00	0.035	7.72	232.4	28.6	81.3	37.6
MS-11	33	2023-10-21 16:00:00	0.078	3.91	242.6	28.25	78.8	44.4
MS-08	33	2023-10-21 17:00:00	0.075	3.32	263.7	28.47	74.2	46.6
MS-06	33	2023-10-21 17:00:00	0.038	5.77	241.8	28.6	77	42.9
MS-11	33	2023-10-21 17:00:00	0.07	4.18	231.5	28.24	73.5	51
MS-08	33	2023-10-21 18:00:00	0.071	3.16	250.8	28.48	70.3	51.4
MS-06	33	2023-10-21 18:00:00	0.036	3.36	223.4	28.6	72.2	48.7
MS-11	33	2023-10-21 18:00:00	0.051	4.48	233.6	28.25	67.6	58.7
MS-06	33	2023-10-21 19:00:00	0.043	3.55	256	28.62	66.3	63
MS-08	33	2023-10-21 19:00:00	0.055	1.85	231.3	28.49	64.3	59.1
MS-11	33	2023-10-21 19:00:00	0.045	5.02	228.6	28.26	65.3	63.3
MS-08	33	2023-10-21 20:00:00	0.04	2.09	248.6	28.5	58.3	69.8
MS-06	33	2023-10-21 20:00:00	0.044	3.24	293.9	28.63	62.8	72.5
MS-06	33	2023-10-21 21:00:00	0.04	2.18	264.9	28.64	59.8	76.3
MS-08	33	2023-10-21 21:00:00	0.037	1.96	250	28.51	55.4	76.4
MS-06	33	2023-10-21 22:00:00	0.03	2.22	253.6	28.64	56.8	80.2
MS-08	33	2023-10-21 22:00:00	0.03	2.18	255.9	28.51	54.3	78.6
MS-08	34	2023-10-22 09:00:00	0.041	1.62	183.4	28.53	63.2	62.3
MS-08	34	2023-10-22 10:00:00	0.041	2.35	44.7	28.51	69.2	52
MS-08	34	2023-10-22 11:00:00	0.038	3.61	252.5	28.5	72.3	46.6
MS-08	34	2023-10-22 12:00:00	0.038	3.87	241.5	28.48	73.8	45
MS-08	34	2023-10-22 13:00:00	0.054	3.27	247.2	28.44	75.7	44.3
MS-08	34	2023-10-22 14:00:00	0.077	3.76	251.1	28.42	76.6	45.5

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-11	34	2023-10-22 14:00:00	0.052	6.13	192.7	28.19	74.3	51.4
MS-08	34	2023-10-22 15:00:00	0.074	3.81	270.1	28.42	74.8	47.1
MS-11	34	2023-10-22 15:00:00	0.066	6.84	183	28.19	72.5	55.3
MS-11	34	2023-10-22 16:00:00	0.047	6.99	206.4	28.19	70.6	56
MS-08	34	2023-10-22 16:00:00	0.07	3.74	259.7	28.42	72.1	51.4
MS-12	34	2023-10-22 17:00:00	0.03	3.31	169	28.5	69.1	64.6
MS-06	34	2023-10-22 17:00:00	0.031	5.6	223.8	28.55	70.2	62
MS-11	34	2023-10-22 17:00:00	0.059	3.95	204.4	28.19	68.7	61.5
MS-08	34	2023-10-22 17:00:00	0.101	2.94	257.9	28.42	67.9	66.1
MS-11	34	2023-10-22 18:00:00	0.069	1.13	222	28.19	64.4	73.2
MS-08	34	2023-10-22 18:00:00	0.098	1.99	257.8	28.42	64.7	73.7
MS-11	34	2023-10-22 19:00:00	0.063	0.67	243.8	28.2	60.8	81
MS-08	34	2023-10-22 19:00:00	0.095	1.73	244.8	28.43	62.6	78.2
MS-11	34	2023-10-22 20:00:00	0.062	0.85	318	28.2	60.5	83.1
MS-08	34	2023-10-22 20:00:00	0.08	1.77	245.9	28.43	58.3	83.5
MS-08	34	2023-10-22 21:00:00	0.071	1.9	263.1	28.44	56.1	86.9
MS-11	34	2023-10-22 21:00:00	0.054	1.58	213.5	28.21	59.2	85.9
MS-08	34	2023-10-22 22:00:00	0.067	1.77	252.4	28.44	55.4	88.7
MS-11	34	2023-10-22 22:00:00	0.05	1.75	177.4	28.21	58.7	87.7
MS-08	34	2023-10-22 23:00:00	0.07	1.18	237.2	28.44	56.2	89.2
MS-11	34	2023-10-22 23:00:00	0.054	4.21	137.9	28.21	60.9	83.5
MS-08	34	2023-10-23 00:00:00	0.076	1.34	242.9	28.44	58.7	87.2
MS-11	34	2023-10-23 00:00:00	0.046	4.44	123.9	28.21	61.4	81.4
MS-08	34	2023-10-23 01:00:00	0.077	0.77	249.8	28.44	59.9	85.8
MS-11	34	2023-10-23 01:00:00	0.044	1.94	222	28.21	59.8	85.7
MS-11	34	2023-10-23 02:00:00	0.046	2.55	221.2	28.2	58.6	89.9
MS-08	34	2023-10-23 02:00:00	0.061	1.59	239.7	28.43	56.5	88.5
MS-08	34	2023-10-23 03:00:00	0.047	1.23	251.2	28.43	54	92
MS-11	34	2023-10-23 03:00:00	0.031	1.87	235.6	28.2	57	91.3
MS-11	34	2023-10-23 04:00:00	0.035	3.24	228.1	28.19	56.7	94.7
MS-08	34	2023-10-23 04:00:00	0.047	1.08	256.2	28.42	54.3	92.2
MS-08	34	2023-10-23 05:00:00	0.042	1.67	235.7	28.43	53.9	92.5
MS-11	34	2023-10-23 05:00:00	0.035	1.51	273	28.2	56.7	95
MS-08	34	2023-10-23 06:00:00	0.037	1.05	276	28.43	53.4	93.9
MS-08	34	2023-10-23 07:00:00	0.041	1.34	258.6	28.43	53.9	94
MS-08	34	2023-10-23 08:00:00	0.051	1.09	202.1	28.44	57.6	90.4
MS-08	34	2023-10-23 09:00:00	0.056	3.04	73.5	28.45	63	78.7
MS-08	34	2023-10-23 10:00:00	0.044	2.59	74.9	28.44	66	69.2
MS-08	34	2023-10-23 11:00:00	0.038	2.83	85.3	28.43	69.6	59.6
MS-12	35	2023-10-24 10:00:00	0.03	2.33	164.5	28.6	68.3	51.2
MS-08	36	2023-10-24 13:00:00	0.043	3.65	228.2	28.46	77.9	44.6
MS-08	36	2023-10-24 14:00:00	0.056	3.87	234.1	28.45	77.8	46.4

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-11	36	2023-10-24 14:00:00	0.041	2.83	302	28.22	79.1	46.7
MS-08	36	2023-10-24 15:00:00	0.069	3.98	257.1	28.45	76.3	51.6
MS-11	36	2023-10-24 15:00:00	0.059	3.25	329.4	28.22	76.8	52.5
MS-11	36	2023-10-24 16:00:00	0.068	3.26	272.4	28.23	72.7	61.7
MS-08	36	2023-10-24 16:00:00	0.075	3.59	257.7	28.46	73.5	58.2
MS-11	36	2023-10-24 17:00:00	0.066	2.63	253.9	28.25	68.6	69.9
MS-08	36	2023-10-24 17:00:00	0.073	2.88	262.6	28.48	68.9	67.8
MS-08	36	2023-10-24 18:00:00	0.072	3.18	260.2	28.5	65.4	75.4
MS-11	36	2023-10-24 18:00:00	0.064	3.56	228.5	28.28	63.6	80.7
MS-08	36	2023-10-24 19:00:00	0.07	2.21	258.7	28.53	62.6	81.7
MS-11	36	2023-10-24 19:00:00	0.056	3.45	224.7	28.3	60.6	86.6
MS-08	36	2023-10-24 20:00:00	0.063	1.91	243.9	28.54	58.7	86.4
MS-11	36	2023-10-24 20:00:00	0.048	3.92	227.3	28.31	58.9	90.3
MS-08	36	2023-10-24 21:00:00	0.051	1.29	244.4	28.56	55.7	89.6
MS-11	36	2023-10-24 21:00:00	0.044	3.07	226.9	28.33	58.2	92.2
MS-11	36	2023-10-24 22:00:00	0.04	2.5	212.5	28.35	57.7	93.6
MS-08	36	2023-10-24 22:00:00	0.037	1.69	250.2	28.58	53.8	91.1
MS-11	36	2023-10-24 23:00:00	0.035	2.33	229.1	28.36	57.8	93.4
MS-08	36	2023-10-25 00:00:00	0.034	1.71	257.8	28.59	54.1	92.3
MS-08	36	2023-10-25 01:00:00	0.05	0.85	143.6	28.59	57.2	90.4
MS-11	36	2023-10-25 01:00:00	0.034	0.72	172.4	28.36	57.8	94.8
MS-11	36	2023-10-25 02:00:00	0.033	0.75	185.6	28.36	58.9	93.6
MS-08	36	2023-10-25 02:00:00	0.051	0.79	208.4	28.59	58.1	89
MS-08	36	2023-10-25 03:00:00	0.055	0.97	233.1	28.59	58.6	91.1
MS-08	36	2023-10-25 04:00:00	0.054	0.8	73.4	28.6	58.5	93
MS-08	36	2023-10-25 05:00:00	0.053	0.71	111.2	28.61	58.2	93.1
MS-08	36	2023-10-25 06:00:00	0.052	0.72	98.8	28.62	58.2	93.2
MS-08	36	2023-10-25 07:00:00	0.048	0.71	85.9	28.64	58.4	93
MS-08	36	2023-10-25 08:00:00	0.049	0.7	72.5	28.66	59.9	90.8
MS-08	36	2023-10-25 09:00:00	0.042	1.73	59.4	28.67	63.7	79.7
MS-08	36	2023-10-25 10:00:00	0.032	3.11	257.2	28.67	66.1	70.4
MS-08	37	2023-10-25 17:00:00	0.03	3.51	270.9	28.64	63.1	78.6
MS-12	38	2023-10-27 10:00:00	0.044	2.26	174.4	28.79	63.9	51.9
MS-08	39	2023-10-27 15:00:00	0.035	3.53	265.7	28.61	72.3	49.1
MS-08	39	2023-10-27 16:00:00	0.052	3.5	263.3	28.61	69.1	56.1
MS-11	39	2023-10-27 16:00:00	0.053	3.73	268.2	28.38	68.8	58.6
MS-11	39	2023-10-27 17:00:00	0.04	3.71	256.2	28.38	64.9	62.9
MS-08	39	2023-10-27 17:00:00	0.045	2.87	265	28.61	65.5	60.5
MS-08	39	2023-10-27 18:00:00	0.031	1.76	258.2	28.63	62	64.2
MS-11	40	2023-10-28 15:00:00	0.04	3.53	307.9	28.33	74.3	36.7
MS-10	41	2023-10-30 02:00:00	0.111	1.97	359.3	29.01	55.4	29.5
MS-10	42	2023-10-31 00:00:00	0.054	1.05	7.1	28.99	57.8	24.1

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	42	2023-10-31 00:00:00	0.073	1.76	267.9	28.79	53.9	25.1
MS-10	42	2023-10-31 01:00:00	0.109	1.18	357.8	28.99	55.3	27.9
MS-10	42	2023-10-31 02:00:00	0.325	1.02	318.6	28.99	51	38.7
MS-08	42	2023-10-31 02:00:00	0.03	1.47	268.7	28.79	45.1	31.4
MS-08	42	2023-10-31 03:00:00	0.062	1.8	264.5	28.78	46.2	32
MS-10	42	2023-10-31 03:00:00	0.099	0.83	312.5	28.98	51.2	29.9
MS-08	42	2023-10-31 04:00:00	0.08	2.04	263.5	28.78	45.3	33.3
MS-10	42	2023-10-31 04:00:00	0.054	0.87	329.7	28.98	54.3	27.9
MS-10	42	2023-10-31 05:00:00	0.039	1.04	359.9	28.99	56.6	24.6
MS-08	42	2023-10-31 05:00:00	0.067	1.55	268.1	28.79	45.5	31.5
MS-10	42	2023-10-31 06:00:00	0.089	0.94	345.2	29	54	31.4
MS-08	42	2023-10-31 06:00:00	0.084	1.88	261.4	28.8	47.5	29.9
MS-10	42	2023-10-31 07:00:00	0.097	0.79	310.6	29	53.5	31.4
MS-11	42	2023-10-31 08:00:00	0.087	1.07	205.8	28.58	63.8	17.1
MS-10	42	2023-10-31 08:00:00	0.135	1.19	355.5	29.01	64	24.9
MS-10	42	2023-10-31 09:00:00	0.039	2.23	5.6	29	71.5	16.9
MS-08	43	2023-10-31 18:00:00	0.038	1.62	263.6	28.73	65.2	16.6
MS-12	43	2023-10-31 19:00:00	0.037	3.17	333.9	28.82	58.5	21.8
MS-11	43	2023-10-31 19:00:00	0.082	1.08	207.7	28.51	63.5	14.9
MS-08	43	2023-10-31 19:00:00	0.089	2.33	259.1	28.74	55.1	24
MS-10	43	2023-10-31 19:00:00	0.035	0.78	246.8	28.93	61.8	21.3
MS-11	43	2023-10-31 20:00:00	0.076	1.51	199.1	28.51	60.9	16.8
MS-08	43	2023-10-31 20:00:00	0.092	2.3	259	28.74	52.1	26.9
MS-06	43	2023-10-31 20:00:00	0.098	3.28	329.7	28.87	66.6	17.4
MS-10	43	2023-10-31 20:00:00	0.042	0.79	14	28.94	59.1	24.8
MS-12	43	2023-10-31 20:00:00	0.049	3.57	331	28.83	53	26.4
MS-11	43	2023-10-31 21:00:00	0.079	1.25	193.5	28.52	59.4	16.7
MS-08	43	2023-10-31 21:00:00	0.102	2.02	261.4	28.75	50.6	28.6
MS-12	43	2023-10-31 21:00:00	0.059	2.61	336.4	28.83	52.3	26.9
MS-06	43	2023-10-31 21:00:00	0.053	2.16	216.5	28.87	63.6	16.3
MS-10	43	2023-10-31 22:00:00	0.034	0.72	32.1	28.95	58.7	24.4
MS-06	43	2023-10-31 22:00:00	0.047	2.85	116.9	28.88	62.5	16.8
MS-08	43	2023-10-31 22:00:00	0.09	1.27	236.3	28.76	56.5	21.3
MS-06	43	2023-10-31 23:00:00	0.057	3.22	118.1	28.88	61.3	17.4
MS-11	43	2023-11-01 00:00:00	0.037	1.24	238.9	28.52	58.4	17.1
MS-11	43	2023-11-01 01:00:00	0.03	1.18	256.2	28.52	57.6	17.6
MS-08	43	2023-11-01 01:00:00	0.112	1.94	260.1	28.75	47.3	30.6
MS-12	43	2023-11-01 02:00:00	0.032	3.89	335.9	28.83	48.3	27.9
MS-09	43	2023-11-01 02:00:00	0.044	1.04	264.2	28.79	52	25
MS-11	43	2023-11-01 02:00:00	0.079	1.34	177.9	28.52	55.5	19.3
MS-06	43	2023-11-01 02:00:00	0.085	3.29	44.8	28.88	56.3	23.2
MS-08	43	2023-11-01 02:00:00	0.08	1.59	275.3	28.75	45.9	32



Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	43	2023-11-01 03:00:00	0.043	3.13	336.1	28.83	47.2	30.3
MS-10	43	2023-11-01 03:00:00	0.035	0.76	62.4	28.94	46	36.6
MS-06	43	2023-11-01 03:00:00	0.148	2.04	268.5	28.87	48.3	32.3
MS-11	43	2023-11-01 03:00:00	0.056	1.39	191.9	28.51	55.3	18.9
MS-09	43	2023-11-01 03:00:00	0.053	1.48	315	28.78	50.6	26.6
MS-08	43	2023-11-01 03:00:00	0.071	2.21	267.2	28.74	45.4	32.1
MS-11	43	2023-11-01 04:00:00	0.049	1.52	197.3	28.5	55.5	18.5
MS-06	43	2023-11-01 04:00:00	0.154	1.6	266.3	28.86	47.1	34.2
MS-10	43	2023-11-01 04:00:00	0.105	0.72	281.9	28.93	44.8	42.5
MS-12	43	2023-11-01 04:00:00	0.081	3.38	334.4	28.82	45	34.9
MS-08	43	2023-11-01 04:00:00	0.091	1.96	263.7	28.73	44.9	33.8
MS-10	43	2023-11-01 05:00:00	0.107	0.77	249	28.93	46	40.8
MS-11	43	2023-11-01 05:00:00	0.06	1.49	197.4	28.5	55.8	18.6
MS-12	43	2023-11-01 05:00:00	0.087	2.52	333	28.82	46.1	33.9
MS-08	43	2023-11-01 05:00:00	0.105	1.85	262.8	28.73	46.4	33.1
MS-06	43	2023-11-01 05:00:00	0.165	1.37	260.3	28.87	46.9	34.9
MS-11	43	2023-11-01 06:00:00	0.038	1.42	200.4	28.51	56.2	18.2
MS-07	43	2023-11-01 06:00:00	0.045	2.04	220.8	28.78	55.6	21.5
MS-10	43	2023-11-01 06:00:00	0.106	0.75	262.5	28.94	46.6	39.6
MS-12	43	2023-11-01 06:00:00	0.091	3.06	332.7	28.83	47.3	32.9
MS-08	43	2023-11-01 06:00:00	0.1	2.15	258.7	28.74	46.6	31.9
MS-06	43	2023-11-01 06:00:00	0.159	1.58	249.2	28.87	46	35.6
MS-07	43	2023-11-01 07:00:00	0.037	1.79	320.4	28.79	53.8	22.2
MS-06	43	2023-11-01 07:00:00	0.169	1.81	257.4	28.89	45.9	36.2
MS-11	43	2023-11-01 07:00:00	0.076	1.23	202.8	28.53	56.1	18.9
MS-12	43	2023-11-01 07:00:00	0.103	3.39	330.4	28.84	45.7	35.2
MS-10	43	2023-11-01 07:00:00	0.089	0.97	219.3	28.96	47.4	38.4
MS-08	43	2023-11-01 07:00:00	0.1	2.01	262.8	28.76	45	34.9
MS-11	43	2023-11-01 08:00:00	0.126	1.33	118.2	28.54	62	17.7
MS-08	43	2023-11-01 08:00:00	0.192	2.12	252.4	28.77	49.3	36
MS-12	43	2023-11-01 08:00:00	0.155	2.28	349.2	28.86	50.3	35.5
MS-07	43	2023-11-01 08:00:00	0.104	2.28	197.7	28.81	58	24.2
MS-06	43	2023-11-01 08:00:00	0.196	1.81	117.4	28.91	53.9	30.6
MS-10	43	2023-11-01 08:00:00	0.147	1.06	191.9	28.97	54.4	35.3
MS-09	43	2023-11-01 08:00:00	0.076	3.11	61.1	28.81	63.5	18.8
MS-08	43	2023-11-01 09:00:00	0.214	2.02	162.3	28.78	65	23.3
MS-10	43	2023-11-01 09:00:00	0.134	2.03	206.1	28.98	62.2	27.2
MS-06	43	2023-11-01 09:00:00	0.251	2.06	71	28.91	62.7	26.1
MS-09	43	2023-11-01 09:00:00	0.072	3.03	39.1	28.82	69.9	15.4
MS-12	43	2023-11-01 09:00:00	0.154	1.95	279.5	28.86	68.2	20.5
MS-07	43	2023-11-01 09:00:00	0.157	3.43	97.9	28.81	68.3	19.4
MS-07	43	2023-11-01 10:00:00	0.042	7.11	49.5	28.8	75.4	11.6

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	43	2023-11-01 10:00:00	0.118	4.86	81.4	28.9	72.9	14.5
MS-11	43	2023-11-01 10:00:00	0.085	2.19	80.9	28.54	72.7	14.8
MS-10	43	2023-11-01 10:00:00	0.055	2.45	40.2	28.96	74.8	15.6
MS-11	43	2023-11-01 11:00:00	0.054	2.43	47.9	28.52	77.6	12.3
MS-11	44	2023-11-01 18:00:00	0.084	1.29	217.6	28.45	68.2	14.6
MS-08	44	2023-11-01 18:00:00	0.084	2.21	267	28.69	63.2	20.1
MS-12	44	2023-11-01 19:00:00	0.112	2.25	335.6	28.78	57.5	25.8
MS-08	44	2023-11-01 19:00:00	0.106	2.07	255.8	28.7	55.3	26
MS-11	44	2023-11-01 19:00:00	0.101	1.4	204.2	28.46	63.1	17.4
MS-07	44	2023-11-01 20:00:00	0.032	4.18	335.1	28.74	62.2	18
MS-10	44	2023-11-01 20:00:00	0.073	0.83	345.1	28.9	59	26.3
MS-06	44	2023-11-01 20:00:00	0.047	1.92	266	28.83	60.8	19.5
MS-11	44	2023-11-01 20:00:00	0.105	1.38	195.8	28.47	59.9	18.9
MS-12	44	2023-11-01 20:00:00	0.096	3.29	339.2	28.79	54.3	26.8
MS-08	44	2023-11-01 20:00:00	0.113	2.19	258.2	28.71	52.4	28.2
MS-09	44	2023-11-01 20:00:00	0.057	2.77	314.9	28.74	58.7	21.2
MS-11	44	2023-11-01 21:00:00	0.099	1.21	199.6	28.48	59.3	19.2
MS-09	44	2023-11-01 21:00:00	0.05	2.62	4.9	28.75	55	23.6
MS-12	44	2023-11-01 21:00:00	0.081	3.07	342.8	28.8	52.9	27.3
MS-10	44	2023-11-01 21:00:00	0.066	0.85	281.2	28.91	54.6	30.1
MS-07	44	2023-11-01 21:00:00	0.03	4.63	342.3	28.75	57.9	20.4
MS-06	44	2023-11-01 21:00:00	0.074	1.31	255.8	28.85	55.4	24.5
MS-08	44	2023-11-01 21:00:00	0.11	2.45	256.9	28.72	50.1	30.2
MS-08	44	2023-11-01 22:00:00	0.129	2.14	256.8	28.72	47.2	33.9
MS-09	44	2023-11-01 22:00:00	0.069	1.77	340.6	28.76	51.7	27.3
MS-12	44	2023-11-01 22:00:00	0.096	3.65	339.5	28.81	49.4	31.3
MS-06	44	2023-11-01 22:00:00	0.107	1.97	243.6	28.85	51.9	29.5
MS-10	44	2023-11-01 22:00:00	0.098	0.87	331.1	28.92	51.7	34.9
MS-07	44	2023-11-01 22:00:00	0.045	3.78	356.5	28.76	56.1	22.7
MS-11	44	2023-11-01 22:00:00	0.072	1.28	202.4	28.49	56.8	20.5
MS-06	44	2023-11-01 23:00:00	0.134	2.25	290.6	28.86	52.3	30.2
MS-10	44	2023-11-01 23:00:00	0.154	0.81	306.6	28.93	49.6	39.6
MS-12	44	2023-11-01 23:00:00	0.101	3.31	341.5	28.82	47.8	33.5
MS-08	44	2023-11-01 23:00:00	0.147	2.11	250.6	28.73	46.4	37.8
MS-09	44	2023-11-01 23:00:00	0.093	1.78	356	28.77	50.5	29.9
MS-07	44	2023-11-01 23:00:00	0.081	4.67	324.8	28.77	53.6	26.6
MS-11	44	2023-11-01 23:00:00	0.088	1.36	199.1	28.5	55.4	22.2
MS-08	44	2023-11-02 00:00:00	0.262	2.02	254.4	28.73	43.5	46.5
MS-06	44	2023-11-02 00:00:00	0.137	1.92	256.6	28.87	48.6	34.3
MS-07	44	2023-11-02 00:00:00	0.082	3.28	321.1	28.77	53.6	26.7
MS-10	44	2023-11-02 00:00:00	0.161	0.81	257.9	28.94	48.3	41.8
MS-11	44	2023-11-02 00:00:00	0.086	1.36	198.8	28.5	55.9	20.3

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-09	44	2023-11-02 00:00:00	0.105	1.55	336.2	28.77	48.9	32
MS-12	44	2023-11-02 00:00:00	0.127	2.93	330.8	28.82	43.9	39.9
MS-11	44	2023-11-02 01:00:00	0.067	1.25	198.3	28.5	52.7	23.8
MS-07	44	2023-11-02 01:00:00	0.072	5.66	0.7	28.77	50.3	28.7
MS-10	44	2023-11-02 01:00:00	0.233	0.74	352.4	28.94	45.4	50.8
MS-09	44	2023-11-02 01:00:00	0.088	2.16	346.2	28.78	46.5	33.7
MS-12	44	2023-11-02 01:00:00	0.126	3.12	333.5	28.82	43.4	40.8
MS-06	44	2023-11-02 01:00:00	0.134	2.03	259.8	28.87	47.2	35.1
MS-08	44	2023-11-02 01:00:00	0.186	2.04	264	28.74	42.2	43.5
MS-09	44	2023-11-02 02:00:00	0.088	1.54	11.7	28.78	45	35.2
MS-08	44	2023-11-02 02:00:00	0.163	1.96	258	28.74	41.8	43.3
MS-06	44	2023-11-02 02:00:00	0.128	2.01	252	28.87	44	38.9
MS-07	44	2023-11-02 02:00:00	0.071	4.79	351.9	28.77	48.6	30.3
MS-11	44	2023-11-02 02:00:00	0.052	1.22	180	28.51	52.3	23.7
MS-12	44	2023-11-02 02:00:00	0.139	3.1	333.7	28.82	42.3	43.1
MS-10	44	2023-11-02 02:00:00	0.328	0.75	331.3	28.94	42.7	57.8
MS-12	44	2023-11-02 03:00:00	0.134	3.62	333.3	28.82	41.7	43
MS-09	44	2023-11-02 03:00:00	0.088	1.93	5.4	28.78	43.5	37
MS-07	44	2023-11-02 03:00:00	0.084	5.84	0.8	28.77	47.2	32.7
MS-08	44	2023-11-02 03:00:00	0.156	1.95	264.2	28.74	40.2	45.5
MS-06	44	2023-11-02 03:00:00	0.137	2.03	252	28.87	43.4	39.9
MS-11	44	2023-11-02 03:00:00	0.038	1.08	217	28.5	50.7	25.1
MS-10	44	2023-11-02 03:00:00	0.232	0.72	319	28.94	41.2	56.9
MS-07	44	2023-11-02 04:00:00	0.075	4.52	343.8	28.77	46.1	33.4
MS-12	44	2023-11-02 04:00:00	0.135	2.89	331.9	28.82	40.3	45.6
MS-10	44	2023-11-02 04:00:00	0.134	0.71	323.8	28.94	40.1	53.5
MS-06	44	2023-11-02 04:00:00	0.128	1.99	262.1	28.87	42.5	41.3
MS-08	44	2023-11-02 04:00:00	0.135	1.94	261.2	28.74	40.2	44.7
MS-09	44	2023-11-02 04:00:00	0.103	1.31	16.8	28.78	42.5	39.5
MS-11	44	2023-11-02 04:00:00	0.08	1.31	200.5	28.5	49.2	27.5
MS-06	44	2023-11-02 05:00:00	0.132	2.11	255.7	28.88	40.7	43.9
MS-10	44	2023-11-02 05:00:00	0.1	0.7	352.9	28.95	38.9	55
MS-11	44	2023-11-02 05:00:00	0.083	1.42	204.1	28.51	48.9	28
MS-09	44	2023-11-02 05:00:00	0.103	1.6	347.4	28.79	41.1	41.7
MS-07	44	2023-11-02 05:00:00	0.079	4.93	7.8	28.78	45.4	34.6
MS-08	44	2023-11-02 05:00:00	0.151	1.87	259.3	28.74	38.3	49
MS-12	44	2023-11-02 05:00:00	0.13	3.34	333.8	28.83	38.9	48.3
MS-08	44	2023-11-02 06:00:00	0.146	1.85	267.3	28.75	38.2	50.1
MS-11	44	2023-11-02 06:00:00	0.075	1.44	199.1	28.52	48	29.7
MS-09	44	2023-11-02 06:00:00	0.099	1.79	28.3	28.79	40.8	42.7
MS-07	44	2023-11-02 06:00:00	0.082	4.98	357.9	28.79	44.6	35.6
MS-10	44	2023-11-02 06:00:00	0.09	0.69	340.6	28.96	38.1	55

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	44	2023-11-02 06:00:00	0.131	1.77	256.9	28.89	39.9	45.5
MS-12	44	2023-11-02 06:00:00	0.124	3.39	332.2	28.84	39.4	47.2
MS-12	44	2023-11-02 07:00:00	0.137	2.76	325.9	28.85	37.9	51.4
MS-11	44	2023-11-02 07:00:00	0.095	1.34	184.1	28.53	49.4	28.3
MS-07	44	2023-11-02 07:00:00	0.094	4.49	347.7	28.8	44.4	37
MS-10	44	2023-11-02 07:00:00	0.08	0.82	332.6	28.97	38.8	55.7
MS-09	44	2023-11-02 07:00:00	0.127	1.53	351.9	28.81	39.9	46.4
MS-06	44	2023-11-02 07:00:00	0.142	2.09	253.4	28.91	40.7	45.7
MS-08	44	2023-11-02 07:00:00	0.156	1.8	257.1	28.77	38.4	50.9
MS-12	44	2023-11-02 08:00:00	0.147	2.48	354.5	28.87	46.3	40.6
MS-09	44	2023-11-02 08:00:00	0.135	1.19	252.9	28.82	48.5	37
MS-07	44	2023-11-02 08:00:00	0.108	4.96	18.2	28.82	50.1	32.4
MS-08	44	2023-11-02 08:00:00	0.237	2.3	250.3	28.78	43	48.6
MS-06	44	2023-11-02 08:00:00	0.152	1.7	135	28.92	49.3	35.5
MS-11	44	2023-11-02 08:00:00	0.184	1.67	114.9	28.55	56.4	29.1
MS-10	44	2023-11-02 08:00:00	0.062	0.96	4.1	28.99	48.4	41
MS-07	44	2023-11-02 09:00:00	0.134	3.88	54.7	28.82	60.5	25.3
MS-12	44	2023-11-02 09:00:00	0.095	2.71	344.7	28.87	60	24.7
MS-11	44	2023-11-02 09:00:00	0.343	1.28	41	28.55	65.8	26.5
MS-09	44	2023-11-02 09:00:00	0.149	1.2	175.5	28.83	58.9	27
MS-08	44	2023-11-02 09:00:00	0.327	1.61	238.7	28.79	54.2	37.5
MS-06	44	2023-11-02 09:00:00	0.108	2.69	112.9	28.92	56.8	26.4
MS-10	44	2023-11-02 09:00:00	0.075	1.3	205.2	28.99	57.3	31.6
MS-10	44	2023-11-02 10:00:00	0.061	1.15	219.9	28.97	67.8	23
MS-12	44	2023-11-02 10:00:00	0.106	2.72	332	28.85	68.6	20.1
MS-09	44	2023-11-02 10:00:00	0.213	1.97	192.9	28.81	65.9	22.5
MS-07	44	2023-11-02 10:00:00	0.162	3.34	99.2	28.81	68.6	21.1
MS-08	44	2023-11-02 10:00:00	0.227	1.66	131.7	28.77	68.8	22.5
MS-06	44	2023-11-02 10:00:00	0.081	2.49	78.8	28.9	65.6	19.7
MS-11	44	2023-11-02 10:00:00	0.403	1.99	30	28.54	71.4	25.4
MS-10	44	2023-11-02 11:00:00	0.04	1.56	190.2	28.95	76.7	16.7
MS-08	44	2023-11-02 11:00:00	0.101	1.93	149	28.76	76.1	16.1
MS-07	44	2023-11-02 11:00:00	0.08	3.96	109.8	28.8	75.7	14.9
MS-12	44	2023-11-02 11:00:00	0.084	2.18	196.7	28.84	77.3	14.7
MS-09	44	2023-11-02 11:00:00	0.223	2.29	183	28.8	74.3	17.1
MS-11	44	2023-11-02 11:00:00	0.195	1.88	29.8	28.53	78.3	15.3
MS-11	44	2023-11-02 12:00:00	0.04	2.06	56.8	28.52	81.5	12.3
MS-07	44	2023-11-02 12:00:00	0.064	4.49	129.4	28.78	80.4	12.3
MS-08	44	2023-11-02 12:00:00	0.038	2.27	144.9	28.75	81.5	12.7
MS-12	44	2023-11-02 12:00:00	0.053	2.82	172.9	28.82	82.3	12.4
MS-09	44	2023-11-02 12:00:00	0.225	2.36	186.1	28.78	81	14.6
MS-07	44	2023-11-02 13:00:00	0.046	6.02	122.7	28.76	82.3	11.3

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-09	44	2023-11-02 13:00:00	0.165	3.07	175.5	28.75	83.6	12.4
MS-07	44	2023-11-02 14:00:00	0.034	5.42	139.4	28.73	83.8	10.8
MS-09	44	2023-11-02 14:00:00	0.178	3.78	192.2	28.73	84.8	11.8
MS-09	44	2023-11-02 15:00:00	0.175	3.35	187	28.72	85.6	12
MS-08	44	2023-11-02 15:00:00	0.099	1.71	152.6	28.69	85.3	12.6
MS-11	44	2023-11-02 15:00:00	0.061	3.14	137.5	28.46	83.5	11.7
MS-07	44	2023-11-02 15:00:00	0.05	4.24	165.1	28.72	84.5	11
MS-10	44	2023-11-02 16:00:00	0.046	3.43	219.5	28.87	84.3	14.5
MS-11	44	2023-11-02 16:00:00	0.229	3.53	226.2	28.46	81.3	15.7
MS-12	44	2023-11-02 16:00:00	0.137	2.54	206.1	28.77	83.6	15.1
MS-08	44	2023-11-02 16:00:00	0.174	3.14	252	28.69	82	16
MS-09	44	2023-11-02 16:00:00	0.17	4.49	214	28.72	83.7	14.1
MS-07	44	2023-11-02 16:00:00	0.147	7.75	273.9	28.72	81.4	15.8
MS-07	44	2023-11-02 17:00:00	0.122	8.07	272.9	28.73	76.7	17.1
MS-11	44	2023-11-02 17:00:00	0.28	3.4	240.1	28.46	75.2	20
MS-06	44	2023-11-02 17:00:00	0.11	6.45	235.7	28.83	78.2	16
MS-09	44	2023-11-02 17:00:00	0.142	2.61	254.7	28.73	77.4	17.5
MS-12	44	2023-11-02 17:00:00	0.131	2.38	189.6	28.77	77.2	17
MS-08	44	2023-11-02 17:00:00	0.109	3.43	261	28.7	76.7	16.6
MS-10	44	2023-11-02 17:00:00	0.109	2.01	242.9	28.88	78	18.4
MS-12	44	2023-11-02 18:00:00	0.178	1.64	356.5	28.79	67	24.9
MS-08	44	2023-11-02 18:00:00	0.192	1.33	241.2	28.71	69	24.1
MS-09	44	2023-11-02 18:00:00	0.129	2	353.3	28.74	68.6	22.8
MS-11	44	2023-11-02 18:00:00	0.294	2.32	229.5	28.48	69.7	23.7
MS-10	44	2023-11-02 18:00:00	0.119	0.8	280.6	28.9	69.2	24.5
MS-07	44	2023-11-02 18:00:00	0.159	6.1	267.5	28.74	73.1	20.7
MS-06	44	2023-11-02 18:00:00	0.213	3.28	253.6	28.85	71.7	21.8
MS-06	44	2023-11-02 19:00:00	0.223	2.05	258.7	28.87	62.9	28.1
MS-12	44	2023-11-02 19:00:00	0.231	2.23	327.2	28.81	57.9	34.2
MS-09	44	2023-11-02 19:00:00	0.127	2.13	14.8	28.76	60.6	28.3
MS-11	44	2023-11-02 19:00:00	0.322	2.01	190.1	28.49	65.4	26.6
MS-07	44	2023-11-02 19:00:00	0.159	1.84	1	28.76	65.6	25.6
MS-08	44	2023-11-02 19:00:00	0.268	2.09	256.9	28.73	58	34.2
MS-10	44	2023-11-02 19:00:00	0.145	0.71	19.7	28.92	61.4	31.9
MS-08	44	2023-11-02 20:00:00	0.237	2.02	252.3	28.74	53.6	38
MS-11	44	2023-11-02 20:00:00	0.315	1.4	191.4	28.51	61.7	30
MS-10	44	2023-11-02 20:00:00	0.151	0.68	315.7	28.94	56.3	37.1
MS-06	44	2023-11-02 20:00:00	0.232	2.04	254.5	28.89	57.9	33.2
MS-12	44	2023-11-02 20:00:00	0.226	2.26	324.3	28.82	53.1	38.8
MS-07	44	2023-11-02 20:00:00	0.151	2.85	343	28.77	61.5	28.5
MS-09	44	2023-11-02 20:00:00	0.107	2.48	32.1	28.78	57.4	30.6
MS-11	44	2023-11-02 21:00:00	0.326	1.04	200.7	28.51	57.8	34.8

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-09	44	2023-11-02 21:00:00	0.108	1.96	13.8	28.79	54.1	34.6
MS-10	44	2023-11-02 21:00:00	0.097	0.73	332.8	28.95	52.8	39.3
MS-08	44	2023-11-02 21:00:00	0.225	2.22	257	28.75	50.2	41.6
MS-07	44	2023-11-02 21:00:00	0.144	3.74	347.2	28.78	57.5	32
MS-12	44	2023-11-02 21:00:00	0.196	3.03	340.8	28.83	51.9	38.7
MS-06	44	2023-11-02 21:00:00	0.237	1.86	251.8	28.9	53.6	38.3
MS-12	44	2023-11-02 22:00:00	0.2	2.51	329.8	28.84	48.3	43.7
MS-07	44	2023-11-02 22:00:00	0.13	4.46	349	28.79	55	33.6
MS-11	44	2023-11-02 22:00:00	0.32	1.1	201.5	28.52	54.7	38.3
MS-09	44	2023-11-02 22:00:00	0.098	1.93	358.6	28.79	51.2	37.3
MS-10	44	2023-11-02 22:00:00	0.089	0.69	17.4	28.96	49.7	42.7
MS-08	44	2023-11-02 22:00:00	0.205	1.92	252.5	28.76	48.3	43.9
MS-06	44	2023-11-02 22:00:00	0.206	1.74	250.1	28.9	50.8	40
MS-06	44	2023-11-02 23:00:00	0.219	2.31	250.7	28.91	49.7	42.4
MS-09	44	2023-11-02 23:00:00	0.084	1.72	340.4	28.8	48.9	39.7
MS-08	44	2023-11-02 23:00:00	0.228	2.03	257.7	28.76	45.4	49.7
MS-12	44	2023-11-02 23:00:00	0.177	3.01	334.3	28.84	47	44.2
MS-10	44	2023-11-02 23:00:00	0.154	0.71	340.9	28.96	47.9	50
MS-11	44	2023-11-02 23:00:00	0.25	1.86	165	28.52	56	33.9
MS-07	44	2023-11-02 23:00:00	0.114	5.17	359.3	28.79	53	35
MS-06	44	2023-11-03 00:00:00	0.197	2.1	255.4	28.9	48.1	42.7
MS-07	44	2023-11-03 00:00:00	0.101	6.09	349.7	28.79	51.3	36.1
MS-12	44	2023-11-03 00:00:00	0.187	2.71	333.8	28.84	45	48.1
MS-08	44	2023-11-03 00:00:00	0.223	2.32	261.2	28.76	45.1	49.5
MS-11	44	2023-11-03 00:00:00	0.225	1.4	163.5	28.52	55.3	33.9
MS-10	44	2023-11-03 00:00:00	0.143	0.71	341.6	28.96	46	51.1
MS-09	44	2023-11-03 00:00:00	0.077	2.12	13.2	28.79	46.9	42.3
MS-11	44	2023-11-03 01:00:00	0.138	0.93	196.9	28.52	51.9	36.4
MS-07	44	2023-11-03 01:00:00	0.088	5.95	351.3	28.79	49.9	37.3
MS-08	44	2023-11-03 01:00:00	0.198	2.49	259.7	28.75	43.2	51.4
MS-06	44	2023-11-03 01:00:00	0.174	1.87	248.4	28.9	46.2	44.6
MS-09	44	2023-11-03 01:00:00	0.07	2.32	15.1	28.79	45.7	43.9
MS-10	44	2023-11-03 01:00:00	0.188	0.77	357.9	28.96	43.9	53.9
MS-12	44	2023-11-03 01:00:00	0.168	3.65	340.5	28.84	45.1	46.8
MS-11	44	2023-11-03 02:00:00	0.132	1.33	167.3	28.52	51	37
MS-09	44	2023-11-03 02:00:00	0.067	1.96	11	28.8	45.5	44.4
MS-10	44	2023-11-03 02:00:00	0.135	0.71	22.2	28.96	42.2	55.2
MS-07	44	2023-11-03 02:00:00	0.088	4.78	2	28.79	48.4	39.6
MS-08	44	2023-11-03 02:00:00	0.173	1.81	256	28.76	42	54
MS-06	44	2023-11-03 02:00:00	0.169	1.98	257.1	28.91	44.4	47.1
MS-12	44	2023-11-03 02:00:00	0.169	3.07	339.3	28.84	43.2	50.4
MS-11	44	2023-11-03 03:00:00	0.043	1.39	148.8	28.51	52.6	31

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-09	44	2023-11-03 03:00:00	0.074	1.51	21.5	28.79	43.2	48.9
MS-10	44	2023-11-03 03:00:00	0.059	0.7	19.9	28.95	40.9	56.1
MS-07	44	2023-11-03 03:00:00	0.085	6.1	6.5	28.78	47.1	41.3
MS-06	44	2023-11-03 03:00:00	0.16	2.37	252.6	28.9	43.5	48.5
MS-08	44	2023-11-03 03:00:00	0.144	2.03	258.8	28.74	40.1	56.2
MS-12	44	2023-11-03 03:00:00	0.16	3.7	341	28.83	42.6	50.9
MS-12	44	2023-11-03 04:00:00	0.146	3.13	335.2	28.83	41.6	51.9
MS-07	44	2023-11-03 04:00:00	0.068	6.2	359.3	28.78	46.2	41.6
MS-10	44	2023-11-03 04:00:00	0.038	0.71	358.8	28.95	39.8	57.9
MS-09	44	2023-11-03 04:00:00	0.067	2.21	23.1	28.78	42.6	49.8
MS-06	44	2023-11-03 04:00:00	0.157	1.61	253.3	28.89	42.5	49.8
MS-08	44	2023-11-03 04:00:00	0.124	2.48	261.9	28.74	40.7	54
MS-08	44	2023-11-03 05:00:00	0.146	1.46	255.7	28.74	39.1	59.7
MS-07	44	2023-11-03 05:00:00	0.063	5.18	2.7	28.78	45.2	43.3
MS-10	44	2023-11-03 05:00:00	0.032	0.78	18.6	28.95	39.1	60.8
MS-06	44	2023-11-03 05:00:00	0.152	2.36	256.2	28.9	41.2	52.2
MS-09	44	2023-11-03 05:00:00	0.072	1.43	13.6	28.79	41.8	52.2
MS-12	44	2023-11-03 05:00:00	0.15	3.06	337.7	28.83	40.2	55.2
MS-09	44	2023-11-03 06:00:00	0.066	1.99	5.9	28.79	41	54
MS-12	44	2023-11-03 06:00:00	0.137	3.1	335.9	28.83	39.9	56.1
MS-07	44	2023-11-03 06:00:00	0.068	6.19	2.2	28.78	44.9	44.3
MS-06	44	2023-11-03 06:00:00	0.137	1.58	242.1	28.9	40.6	52.7
MS-08	44	2023-11-03 06:00:00	0.117	2.26	263.5	28.74	39	58.3
MS-10	44	2023-11-03 07:00:00	0.051	0.76	356.4	28.95	38.9	64.7
MS-09	44	2023-11-03 07:00:00	0.074	1.59	20.6	28.78	41.5	54.4
MS-08	44	2023-11-03 07:00:00	0.108	1.83	260	28.74	40.3	55.9
MS-07	44	2023-11-03 07:00:00	0.065	4.62	1	28.78	44.8	44.5
MS-06	44	2023-11-03 07:00:00	0.139	1.96	252.1	28.9	41.1	53
MS-12	44	2023-11-03 07:00:00	0.127	2.64	333.5	28.83	39.7	56.4
MS-10	44	2023-11-03 08:00:00	0.052	0.89	255.7	28.96	48.3	47.7
MS-08	44	2023-11-03 08:00:00	0.2	1.89	242.7	28.75	44.3	55
MS-07	44	2023-11-03 08:00:00	0.078	2.35	350	28.79	50.3	39.5
MS-06	44	2023-11-03 08:00:00	0.167	1.76	176.6	28.91	49.6	43.1
MS-12	44	2023-11-03 08:00:00	0.164	1.58	346.3	28.84	44.4	53.1
MS-09	44	2023-11-03 08:00:00	0.097	1.07	74.9	28.79	48.2	47.1
MS-07	44	2023-11-03 09:00:00	0.097	3.94	90.5	28.8	59.5	31.4
MS-10	44	2023-11-03 09:00:00	0.059	1.54	215.2	28.97	57.6	36
MS-09	44	2023-11-03 09:00:00	0.12	2.01	184.8	28.8	56.7	34.4
MS-08	44	2023-11-03 09:00:00	0.256	1.54	201.4	28.77	56.2	40
MS-06	44	2023-11-03 09:00:00	0.135	2.05	91.7	28.92	56.8	33.1
MS-12	44	2023-11-03 09:00:00	0.174	1.84	20.8	28.85	60	33.7
MS-11	44	2023-11-03 09:00:00	0.145	1.36	53.5	28.53	66.1	26.7

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	44	2023-11-03 10:00:00	0.105	1.84	106.8	28.76	67.8	25.3
MS-07	44	2023-11-03 10:00:00	0.068	2.86	88.7	28.79	68.7	23.3
MS-10	44	2023-11-03 10:00:00	0.067	1.62	225.3	28.95	67.5	27.1
MS-12	44	2023-11-03 10:00:00	0.161	1.38	155	28.84	68.7	25.5
MS-06	44	2023-11-03 10:00:00	0.114	2.37	103.1	28.9	66.2	24.5
MS-11	44	2023-11-03 10:00:00	0.035	1.22	59.2	28.52	74.5	19.5
MS-09	44	2023-11-03 10:00:00	0.126	1.95	191.5	28.79	65.2	27.2
MS-08	44	2023-11-03 11:00:00	0.11	1.53	125.2	28.74	77.6	19.4
MS-06	44	2023-11-03 11:00:00	0.054	1.78	47.9	28.88	76.6	16.9
MS-12	44	2023-11-03 11:00:00	0.091	1.93	273.6	28.82	78.3	17.7
MS-11	44	2023-11-03 11:00:00	0.039	1.66	65.8	28.51	80.6	15.8
MS-09	44	2023-11-03 11:00:00	0.149	2.13	189.6	28.77	75.5	19.9
MS-07	44	2023-11-03 11:00:00	0.06	3.92	95.7	28.77	77.4	17.4
MS-09	44	2023-11-03 12:00:00	0.12	3.52	186.1	28.74	82	15.3
MS-09	44	2023-11-03 13:00:00	0.066	2.84	141.8	28.71	86.5	13
MS-09	45	2023-11-03 15:00:00	0.062	3.58	187.5	28.68	87.8	12.1
MS-11	45	2023-11-03 16:00:00	0.347	3.67	232.9	28.42	82.5	21.9
MS-08	45	2023-11-03 16:00:00	0.187	2.92	258.7	28.65	83.7	19.3
MS-06	45	2023-11-03 16:00:00	0.04	5.97	219.2	28.79	84.5	19.3
MS-10	45	2023-11-03 16:00:00	0.088	4.04	227.3	28.82	85.5	17.9
MS-12	45	2023-11-03 16:00:00	0.189	2.6	193.2	28.73	85.2	18.5
MS-09	45	2023-11-03 16:00:00	0.106	4.17	213.1	28.68	85.6	16.6
MS-07	45	2023-11-03 16:00:00	0.143	7.5	270.7	28.68	82.7	20.6
MS-09	45	2023-11-03 17:00:00	0.125	2.37	282.2	28.69	79	22.3
MS-06	45	2023-11-03 17:00:00	0.245	6.51	238.4	28.8	79.2	22.2
MS-07	45	2023-11-03 17:00:00	0.139	8.3	275.5	28.69	77.5	23.6
MS-10	45	2023-11-03 17:00:00	0.225	1.7	252.1	28.84	79.2	23.9
MS-11	45	2023-11-03 17:00:00	0.562	3.45	235.9	28.43	75.7	30.6
MS-08	45	2023-11-03 17:00:00	0.207	3.38	266	28.66	77.9	22.5
MS-12	45	2023-11-03 17:00:00	0.237	1.99	167.1	28.74	78.2	23.3
MS-07	45	2023-11-03 18:00:00	0.172	4.24	249.9	28.71	72.2	31.5
MS-11	45	2023-11-03 18:00:00	0.618	5.06	219.3	28.45	69.8	37.6
MS-09	45	2023-11-03 18:00:00	0.11	1.84	350	28.71	69	29
MS-10	45	2023-11-03 18:00:00	0.254	1	101.1	28.87	70.4	34.4
MS-12	45	2023-11-03 18:00:00	0.282	1.89	336.3	28.76	67.4	33.3
MS-06	45	2023-11-03 18:00:00	0.382	3.22	263.7	28.82	72	31.7
MS-08	45	2023-11-03 18:00:00	0.293	1.55	255.9	28.68	68.3	33
MS-12	45	2023-11-03 19:00:00	0.293	1.7	331.5	28.79	58.2	44.3
MS-06	45	2023-11-03 19:00:00	0.471	2.87	301.4	28.85	64.9	43.2
MS-09	45	2023-11-03 19:00:00	0.127	2.03	21	28.74	62	37
MS-11	45	2023-11-03 19:00:00	0.585	2.74	197.3	28.47	66	41.2
MS-07	45	2023-11-03 19:00:00	0.177	1.2	80.6	28.74	63.7	42.1



Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	45	2023-11-03 19:00:00	0.352	1.72	254.4	28.71	60	43.4
MS-10	45	2023-11-03 19:00:00	0.23	0.78	295.1	28.89	62.7	39.7
MS-11	45	2023-11-03 20:00:00	0.574	1.4	199	28.49	61.6	46.7
MS-07	45	2023-11-03 20:00:00	0.164	3.37	340.9	28.75	60.1	45.5
MS-08	45	2023-11-03 20:00:00	0.327	2.28	256.9	28.72	54.5	50.6
MS-10	45	2023-11-03 20:00:00	0.193	0.7	45.3	28.92	58.1	43.7
MS-12	45	2023-11-03 20:00:00	0.3	2.61	342.2	28.8	55.5	49.1
MS-06	45	2023-11-03 20:00:00	0.471	2.16	274.6	28.87	60.6	49.6
MS-09	45	2023-11-03 20:00:00	0.125	2.01	15.8	28.76	58.2	41.4
MS-09	45	2023-11-03 21:00:00	0.102	2.02	31.8	28.77	55.1	43.8
MS-08	45	2023-11-03 21:00:00	0.308	2.16	257.2	28.74	51.3	55.4
MS-06	45	2023-11-03 21:00:00	0.41	2.1	257.9	28.88	54.9	56.2
MS-07	45	2023-11-03 21:00:00	0.143	3.59	348.2	28.77	58.5	45.4
MS-12	45	2023-11-03 21:00:00	0.297	2.6	331.6	28.82	52.2	54.1
MS-11	45	2023-11-03 21:00:00	0.498	1.18	196	28.5	58.4	49.3
MS-10	45	2023-11-03 21:00:00	0.123	0.68	16.8	28.93	54.4	45.2
MS-09	45	2023-11-03 22:00:00	0.075	2.02	26.8	28.78	52.6	45
MS-06	45	2023-11-03 22:00:00	0.351	2.13	253.9	28.89	53	54.7
MS-12	45	2023-11-03 22:00:00	0.267	3.04	338	28.83	50.3	55.9
MS-11	45	2023-11-03 22:00:00	0.41	0.84	185.2	28.51	57.7	47.6
MS-07	45	2023-11-03 22:00:00	0.128	5.51	2.7	28.77	55.5	47.1
MS-08	45	2023-11-03 22:00:00	0.283	1.9	255	28.74	49.1	58.2
MS-10	45	2023-11-03 22:00:00	0.086	0.71	10.1	28.94	51.8	47.6
MS-10	45	2023-11-03 23:00:00	0.067	0.67	10.9	28.94	49.1	51.2
MS-08	45	2023-11-03 23:00:00	0.195	2.27	259.4	28.74	47.8	55.4
MS-12	45	2023-11-03 23:00:00	0.241	3.19	343.3	28.83	49.6	55
MS-11	45	2023-11-03 23:00:00	0.385	0.93	206.3	28.51	54.1	52.8
MS-09	45	2023-11-03 23:00:00	0.037	2.54	29.7	28.78	51	44.5
MS-06	45	2023-11-03 23:00:00	0.285	1.71	259.7	28.89	51	53.7
MS-07	45	2023-11-03 23:00:00	0.097	5.6	357.1	28.77	54.4	45.1
MS-07	45	2023-11-04 00:00:00	0.058	4.97	353.9	28.77	52.9	42.9
MS-11	45	2023-11-04 00:00:00	0.217	1.47	194.4	28.51	54.4	42.3
MS-10	45	2023-11-04 00:00:00	0.043	0.68	10.7	28.94	47.4	54.4
MS-12	45	2023-11-04 00:00:00	0.198	3.28	343.8	28.83	48.1	53.8
MS-08	45	2023-11-04 00:00:00	0.174	1.68	254.4	28.74	45.9	57.7
MS-06	45	2023-11-04 00:00:00	0.223	2.03	252.5	28.89	49.2	52.2
MS-07	45	2023-11-04 01:00:00	0.037	5.98	356.5	28.77	50.9	44.2
MS-12	45	2023-11-04 01:00:00	0.164	3.19	334.4	28.82	46.2	55.3
MS-06	45	2023-11-04 01:00:00	0.185	2.09	250.5	28.89	47.8	53.1
MS-11	45	2023-11-04 01:00:00	0.122	0.97	176.4	28.5	53.7	42.2
MS-08	45	2023-11-04 01:00:00	0.105	2.08	261.9	28.74	44.3	56.7
MS-12	45	2023-11-04 02:00:00	0.133	2.57	327.5	28.82	45.3	54.5

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	45	2023-11-04 02:00:00	0.035	2.71	261.7	28.74	45.3	51.9
MS-06	45	2023-11-04 02:00:00	0.15	1.81	267.4	28.89	47.7	51.5
MS-11	45	2023-11-04 02:00:00	0.147	1.11	201.6	28.5	52.2	46.5
MS-06	45	2023-11-04 03:00:00	0.117	2.18	253.6	28.88	45.2	54.4
MS-08	45	2023-11-04 03:00:00	0.035	1.88	256.7	28.73	43.4	55.6
MS-12	45	2023-11-04 03:00:00	0.111	3.07	333.7	28.81	43.3	57.4
MS-12	45	2023-11-04 04:00:00	0.082	3.53	338.9	28.81	43.8	54.4
MS-06	45	2023-11-04 04:00:00	0.106	2.14	264	28.87	45.5	54
MS-06	45	2023-11-04 05:00:00	0.075	1.97	255.1	28.87	44.2	54.7
MS-12	45	2023-11-04 05:00:00	0.077	3.5	344.4	28.81	43.2	55.3
MS-12	45	2023-11-04 06:00:00	0.067	2.99	333.4	28.82	41.4	58.6
MS-06	45	2023-11-04 06:00:00	0.055	1.89	252.8	28.89	42.4	57
MS-06	45	2023-11-04 07:00:00	0.045	1.83	240.9	28.9	43.3	55.5
MS-12	45	2023-11-04 07:00:00	0.068	3.36	330.6	28.83	40.8	60.4
MS-12	45	2023-11-04 08:00:00	0.086	1.68	331.6	28.84	47.1	54.1
MS-06	45	2023-11-04 08:00:00	0.046	1.81	99.9	28.91	51.5	43.9
MS-08	45	2023-11-04 08:00:00	0.076	1.52	240.1	28.76	47	54.1
MS-12	45	2023-11-04 09:00:00	0.071	1.42	4.4	28.85	62.4	32.3
MS-08	45	2023-11-04 09:00:00	0.141	1.03	224.9	28.77	58.6	37.9
MS-11	45	2023-11-04 09:00:00	0.066	1.61	11.5	28.53	62.6	37.7
MS-09	45	2023-11-04 09:00:00	0.049	1	210.2	28.8	58.8	36.1
MS-11	45	2023-11-04 10:00:00	0.14	1.53	49.3	28.52	69.8	31.3
MS-09	45	2023-11-04 10:00:00	0.04	1.49	185.3	28.79	67.4	26.4
MS-09	46	2023-11-04 12:00:00	0.065	1.13	153.6	28.74	81.1	20.3
MS-11	47	2023-11-04 14:00:00	0.058	2.96	242.5	28.43	84.7	18.9
MS-12	47	2023-11-04 14:00:00	0.037	4.05	169.8	28.74	86	16.9
MS-09	47	2023-11-04 15:00:00	0.032	4.79	232.1	28.68	85.1	17.3
MS-07	47	2023-11-04 15:00:00	0.032	7.58	268.4	28.68	83.6	19.5
MS-11	47	2023-11-04 15:00:00	0.139	3.52	259.8	28.42	83.9	21
MS-12	47	2023-11-04 15:00:00	0.059	3.4	187.2	28.73	86.3	17.5
MS-10	47	2023-11-04 15:00:00	0.065	4.74	231.7	28.83	85.9	18.2
MS-07	47	2023-11-04 16:00:00	0.069	7.22	276.9	28.68	80.8	24.1
MS-06	47	2023-11-04 16:00:00	0.13	6.95	236.3	28.79	83	20.8
MS-12	47	2023-11-04 16:00:00	0.106	3.42	185.4	28.73	82.7	21.1
MS-11	47	2023-11-04 16:00:00	0.278	3.5	249.7	28.42	80.7	26.3
MS-09	47	2023-11-04 16:00:00	0.035	5.2	236.2	28.68	82.8	19.3
MS-08	47	2023-11-04 16:00:00	0.109	3.3	258.5	28.65	81.8	21.6
MS-10	47	2023-11-04 16:00:00	0.086	5.19	229.6	28.83	83	20.3
MS-09	47	2023-11-04 17:00:00	0.096	2.16	300.5	28.68	77.9	26.1
MS-07	47	2023-11-04 17:00:00	0.092	6.85	268.1	28.68	76.8	30
MS-06	47	2023-11-04 17:00:00	0.254	4.67	234.7	28.79	78.4	27.5
MS-10	47	2023-11-04 17:00:00	0.196	2.01	251.3	28.83	78.2	27.2

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	47	2023-11-04 17:00:00	0.244	2.97	267	28.65	76.4	28.4
MS-11	47	2023-11-04 17:00:00	0.432	2.84	227.7	28.42	75.1	35.5
MS-12	47	2023-11-04 17:00:00	0.224	1.61	331.9	28.73	76.3	29.4
MS-08	47	2023-11-04 18:00:00	0.299	1.9	268.1	28.66	69.2	36.6
MS-11	47	2023-11-04 18:00:00	0.431	4.99	217	28.43	68.9	41.6
MS-09	47	2023-11-04 18:00:00	0.109	2.08	6.4	28.69	69.3	34.4
MS-12	47	2023-11-04 18:00:00	0.25	1.22	355.9	28.74	67.5	38.9
MS-07	47	2023-11-04 18:00:00	0.091	4.22	225.3	28.69	70.8	37.2
MS-10	47	2023-11-04 18:00:00	0.302	0.95	128.6	28.84	70.2	40.6
MS-06	47	2023-11-04 18:00:00	0.327	2.38	259.2	28.8	70.5	38.1
MS-11	47	2023-11-04 19:00:00	0.362	2.74	210.2	28.44	66.2	43.5
MS-07	47	2023-11-04 19:00:00	0.085	1.19	22.3	28.7	63.1	45.3
MS-12	47	2023-11-04 19:00:00	0.238	1.36	345.9	28.76	58.5	49.6
MS-09	47	2023-11-04 19:00:00	0.112	2.25	16.8	28.71	62.4	42.5
MS-08	47	2023-11-04 19:00:00	0.337	1.25	242.4	28.68	59.7	49.6
MS-10	47	2023-11-04 19:00:00	0.283	0.73	301.1	28.86	62.8	48.1
MS-06	47	2023-11-04 19:00:00	0.294	2.93	288.9	28.82	64.7	43.1
MS-06	47	2023-11-04 20:00:00	0.306	2.86	295.7	28.83	61.6	48.6
MS-12	47	2023-11-04 20:00:00	0.226	2.01	331.1	28.77	54.4	55.2
MS-10	47	2023-11-04 20:00:00	0.211	0.71	14.8	28.88	58.7	49.8
MS-08	47	2023-11-04 20:00:00	0.283	1.87	251.9	28.69	54.7	54.9
MS-07	47	2023-11-04 20:00:00	0.081	2.42	356.1	28.72	59.7	49.1
MS-09	47	2023-11-04 20:00:00	0.101	1.79	317.7	28.72	59	46.2
MS-11	47	2023-11-04 20:00:00	0.369	3.56	243	28.45	65.7	45.1
MS-10	47	2023-11-04 21:00:00	0.16	0.7	30.4	28.9	54.9	53.1
MS-09	47	2023-11-04 21:00:00	0.096	2.02	0	28.74	55.7	51.1
MS-12	47	2023-11-04 21:00:00	0.22	2.41	330.6	28.78	52.7	58
MS-11	47	2023-11-04 21:00:00	0.333	1.05	191	28.46	59.5	53.2
MS-07	47	2023-11-04 21:00:00	0.07	4.46	358.5	28.73	57.6	50
MS-06	47	2023-11-04 21:00:00	0.274	2.04	251.4	28.85	56	56
MS-08	47	2023-11-04 21:00:00	0.246	1.83	256	28.7	52.2	58.3
MS-10	47	2023-11-04 22:00:00	0.133	0.68	3	28.9	52.3	57
MS-09	47	2023-11-04 22:00:00	0.088	2.27	13.1	28.73	53.8	53.7
MS-12	47	2023-11-04 22:00:00	0.209	3.3	346.7	28.78	52.2	58.7
MS-06	47	2023-11-04 22:00:00	0.244	1.75	251.4	28.84	53.2	59.1
MS-07	47	2023-11-04 22:00:00	0.061	5.67	2.4	28.73	56.2	51.2
MS-11	47	2023-11-04 22:00:00	0.23	1.45	107.7	28.46	59.3	49.5
MS-08	47	2023-11-04 22:00:00	0.243	2.12	257.5	28.7	50.4	62
MS-09	47	2023-11-04 23:00:00	0.068	2.1	30.7	28.72	52.4	54.1
MS-11	47	2023-11-04 23:00:00	0.209	1.15	194.1	28.46	55.6	54.7
MS-12	47	2023-11-04 23:00:00	0.199	3.01	338.8	28.77	50.9	60.3
MS-06	47	2023-11-04 23:00:00	0.206	1.68	239.6	28.84	51.8	59.6

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	47	2023-11-04 23:00:00	0.211	2.03	253.6	28.69	49.9	61.5
MS-10	47	2023-11-04 23:00:00	0.112	0.7	46	28.89	50.6	59.6
MS-07	47	2023-11-04 23:00:00	0.053	4.27	349.6	28.72	55.1	52.2
MS-11	47	2023-11-05 00:00:00	0.156	1.09	189.6	28.45	55.6	50.9
MS-10	47	2023-11-05 00:00:00	0.101	0.73	21	28.88	49.5	62.3
MS-07	47	2023-11-05 00:00:00	0.044	4.26	347.2	28.71	54.3	52
MS-09	47	2023-11-05 00:00:00	0.055	1.58	339.6	28.72	50.7	56.1
MS-06	47	2023-11-05 00:00:00	0.176	2.25	254.4	28.83	51.3	59
MS-08	47	2023-11-05 00:00:00	0.188	1.7	253.7	28.68	48	64.5
MS-12	47	2023-11-05 00:00:00	0.172	3.09	336.5	28.77	48.9	62.5
MS-08	47	2023-11-05 01:00:00	0.143	1.95	260	28.68	46.7	65.7
MS-10	47	2023-11-05 01:00:00	0.05	0.68	24.1	28.88	47.3	62.8
MS-11	47	2023-11-05 01:00:00	0.082	0.83	191.5	28.44	53.8	53.2
MS-12	47	2023-11-05 01:00:00	0.155	3.23	342.8	28.76	48.4	62.7
MS-06	47	2023-11-05 01:00:00	0.145	1.6	256.9	28.83	49.2	61.8
MS-09	47	2023-11-05 01:00:00	0.041	1.66	7.5	28.71	49.2	57.9
MS-07	47	2023-11-05 01:00:00	0.03	5.97	4.3	28.71	52	54.8
MS-08	47	2023-11-05 02:00:00	0.095	1.66	262.1	28.66	45	67
MS-12	47	2023-11-05 02:00:00	0.129	3.29	343	28.74	46.6	64.8
MS-06	47	2023-11-05 02:00:00	0.099	1.62	257.8	28.81	47.8	61.8
MS-12	47	2023-11-05 03:00:00	0.11	3.23	343.7	28.74	46.7	63
MS-08	47	2023-11-05 03:00:00	0.079	1.53	254.8	28.66	44.7	67
MS-06	47	2023-11-05 03:00:00	0.078	1.7	248.2	28.8	46.2	63.9
MS-12	47	2023-11-05 04:00:00	0.09	3	333.2	28.75	44.2	67
MS-06	47	2023-11-05 04:00:00	0.058	2.08	248.6	28.81	46.2	63.4
MS-08	47	2023-11-05 04:00:00	0.059	1.46	255.9	28.66	43.8	67.4
MS-10	47	2023-11-05 04:00:00	0.031	0.77	295.1	28.86	44	71
MS-06	47	2023-11-05 05:00:00	0.055	1.43	238.8	28.81	45.6	64.9
MS-12	47	2023-11-05 05:00:00	0.065	3.53	349.8	28.75	45.9	61.4
MS-08	47	2023-11-05 06:00:00	0.034	1.47	255.2	28.67	43.8	67.4
MS-06	47	2023-11-05 06:00:00	0.041	1.75	252.5	28.82	45.5	64.7
MS-12	47	2023-11-05 06:00:00	0.06	3.21	338.3	28.76	44.8	63.9
MS-06	47	2023-11-05 07:00:00	0.054	2.26	128.9	28.84	52.1	54.2
MS-12	47	2023-11-05 07:00:00	0.081	3.05	339.8	28.77	50.2	57.6
MS-08	47	2023-11-05 07:00:00	0.088	1.95	242.1	28.68	48	63.4
MS-06	47	2023-11-05 08:00:00	0.031	1.67	121.8	28.84	60.1	41.2
MS-12	47	2023-11-05 08:00:00	0.075	1.69	93.5	28.77	63.3	38
MS-08	47	2023-11-05 08:00:00	0.121	1.35	234.4	28.69	58.6	46.2
MS-08	47	2023-11-05 09:00:00	0.088	1.3	167	28.67	71.8	30.1
MS-12	47	2023-11-05 09:00:00	0.065	1.64	157.7	28.75	71.4	30.1
MS-09	47	2023-11-05 09:00:00	0.043	1.8	185	28.7	69.2	31.3
MS-08	47	2023-11-05 10:00:00	0.042	1.57	138.8	28.66	79.2	24.4

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	47	2023-11-05 10:00:00	0.038	2.41	163.6	28.73	78.7	24
MS-08	47	2023-11-05 11:00:00	0.03	2.95	213.5	28.63	82.7	21.8
MS-12	47	2023-11-05 11:00:00	0.048	3.41	187.6	28.71	82.9	22.2
MS-09	47	2023-11-05 11:00:00	0.058	3.42	186.3	28.66	82.4	22.8
MS-12	47	2023-11-05 12:00:00	0.052	3.42	200.8	28.68	85.1	21.5
MS-11	47	2023-11-05 12:00:00	0.045	2.71	281.7	28.37	83.5	23.9
MS-10	47	2023-11-05 12:00:00	0.06	4.81	234.4	28.78	84.4	22.3
MS-12	47	2023-11-05 13:00:00	0.083	3.41	209.6	28.66	85.3	22.8
MS-11	47	2023-11-05 13:00:00	0.078	3.07	290.7	28.35	84.2	24.7
MS-10	47	2023-11-05 13:00:00	0.068	5.48	229.7	28.76	84.4	23.1
MS-06	47	2023-11-05 13:00:00	0.041	7.41	226.6	28.72	83.7	22.3
MS-08	47	2023-11-05 13:00:00	0.077	3.42	249.3	28.58	83.5	23.3
MS-09	47	2023-11-05 13:00:00	0.037	4.94	236.6	28.61	83.6	23
MS-12	47	2023-11-05 14:00:00	0.144	3.55	191.8	28.65	84.2	25.8
MS-09	47	2023-11-05 14:00:00	0.063	4.83	227.6	28.6	83	25.5
MS-10	47	2023-11-05 14:00:00	0.147	4.25	241.9	28.75	83.9	26.2
MS-06	47	2023-11-05 14:00:00	0.119	7.74	229.2	28.71	83	25.4
MS-11	47	2023-11-05 14:00:00	0.18	3.45	267.9	28.34	82.7	27.8
MS-08	47	2023-11-05 14:00:00	0.174	3.2	245.6	28.58	83	26.1
MS-06	47	2023-11-05 15:00:00	0.149	7.18	238.7	28.7	81	28.1
MS-11	47	2023-11-05 15:00:00	0.236	4.41	239.1	28.34	78.9	32.3
MS-12	47	2023-11-05 15:00:00	0.162	2.73	200.8	28.65	80.9	29.2
MS-09	47	2023-11-05 15:00:00	0.064	4.02	242.2	28.6	81	27.5
MS-10	47	2023-11-05 15:00:00	0.154	4.24	241.6	28.74	81.1	28.5
MS-08	47	2023-11-05 15:00:00	0.193	2.69	267.8	28.57	80	29
MS-08	47	2023-11-05 16:00:00	0.207	2.85	255.4	28.57	74.5	34.5
MS-12	47	2023-11-05 16:00:00	0.168	1.45	289	28.65	74.6	35.2
MS-06	47	2023-11-05 16:00:00	0.177	5.67	244.4	28.71	76.4	33.4
MS-10	47	2023-11-05 16:00:00	0.157	1.51	274.3	28.75	76.4	33.4
MS-09	47	2023-11-05 16:00:00	0.063	2.57	263.3	28.6	76.2	32.1
MS-11	47	2023-11-05 16:00:00	0.265	4.26	235.6	28.34	73.3	39.1
MS-08	47	2023-11-05 17:00:00	0.254	2.57	252.9	28.58	69.1	42.5
MS-06	47	2023-11-05 17:00:00	0.206	3.28	242.4	28.72	70.6	41.7
MS-09	47	2023-11-05 17:00:00	0.067	2	326.7	28.61	69.2	40.5
MS-11	47	2023-11-05 17:00:00	0.296	3.7	220.5	28.35	68.1	47.3
MS-10	47	2023-11-05 17:00:00	0.179	0.72	257.2	28.77	69.6	42.7
MS-12	47	2023-11-05 17:00:00	0.187	1.62	338.1	28.66	68.2	43.8
MS-12	47	2023-11-05 18:00:00	0.164	1.52	332.8	28.68	60.1	53.3
MS-09	47	2023-11-05 18:00:00	0.058	1.7	0.6	28.63	62.7	47.4
MS-10	47	2023-11-05 18:00:00	0.227	0.8	13.7	28.78	64.1	55.3
MS-08	47	2023-11-05 18:00:00	0.226	1.98	252.2	28.6	59.8	53.7
MS-06	47	2023-11-05 18:00:00	0.206	2.17	289.1	28.74	65	51.1

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-11	47	2023-11-05 18:00:00	0.298	2.28	229.2	28.36	65.5	51.7
MS-08	47	2023-11-05 19:00:00	0.179	1.87	252.4	28.6	54.7	60.4
MS-06	47	2023-11-05 19:00:00	0.231	2.15	265.1	28.74	60.9	60.1
MS-12	47	2023-11-05 19:00:00	0.142	1.76	324.4	28.68	55.9	58.1
MS-10	47	2023-11-05 19:00:00	0.094	0.79	42.3	28.79	59.1	52.2
MS-11	47	2023-11-05 19:00:00	0.334	2.9	206.7	28.37	64.1	53.7
MS-09	47	2023-11-05 19:00:00	0.038	2.1	22.7	28.63	58.7	50.4
MS-10	47	2023-11-05 20:00:00	0.084	0.71	37.6	28.8	55.7	56.9
MS-08	47	2023-11-05 20:00:00	0.151	1.85	253.6	28.61	51.9	65
MS-11	47	2023-11-05 20:00:00	0.249	1.13	185.5	28.38	59.1	58.8
MS-12	47	2023-11-05 20:00:00	0.123	2.34	331.5	28.69	53.3	61.3
MS-06	47	2023-11-05 20:00:00	0.182	1.89	257.8	28.75	56.6	64.6
MS-08	47	2023-11-05 21:00:00	0.15	1.71	255.2	28.61	50.2	69.4
MS-12	47	2023-11-05 21:00:00	0.112	3	337.5	28.7	51.8	63.8
MS-11	47	2023-11-05 21:00:00	0.152	0.99	197.8	28.38	57.1	60.7
MS-10	47	2023-11-05 21:00:00	0.059	0.69	36.8	28.81	53.2	61.1
MS-06	47	2023-11-05 21:00:00	0.117	1.92	258.4	28.76	54.2	63.1
MS-11	47	2023-11-05 22:00:00	0.163	0.87	193.4	28.37	55.4	66
MS-10	47	2023-11-05 22:00:00	0.056	0.71	23.6	28.81	51.2	65.1
MS-12	47	2023-11-05 22:00:00	0.106	2.85	338.2	28.69	50.7	66.3
MS-06	47	2023-11-05 22:00:00	0.094	1.98	257.4	28.75	52.5	65
MS-08	47	2023-11-05 22:00:00	0.133	1.9	256.8	28.61	48.9	71.7
MS-12	47	2023-11-05 23:00:00	0.095	3.21	346.3	28.69	49.4	68.2
MS-10	47	2023-11-05 23:00:00	0.072	0.73	340.8	28.8	49.4	71.6
MS-06	47	2023-11-05 23:00:00	0.079	1.99	255.7	28.75	50.6	67.5
MS-08	47	2023-11-05 23:00:00	0.1	1.78	256.7	28.6	47.5	72.9
MS-11	47	2023-11-05 23:00:00	0.087	0.7	184.6	28.37	53.7	65.3
MS-08	47	2023-11-06 00:00:00	0.07	1.73	254.6	28.61	45.9	75.1
MS-11	47	2023-11-06 00:00:00	0.032	0.79	196.2	28.37	52.9	64.5
MS-10	47	2023-11-06 00:00:00	0.075	0.69	299	28.8	47.4	75.1
MS-06	47	2023-11-06 00:00:00	0.05	2.21	261.5	28.75	49.7	67.7
MS-12	47	2023-11-06 00:00:00	0.076	2.53	330.3	28.69	46.9	71.4
MS-06	47	2023-11-06 01:00:00	0.036	1.79	253.4	28.75	48.1	69.5
MS-10	47	2023-11-06 01:00:00	0.041	0.72	322.6	28.8	46	76.5
MS-08	47	2023-11-06 01:00:00	0.048	1.75	257.4	28.61	44.8	76.6
MS-12	47	2023-11-06 01:00:00	0.069	3.13	339.7	28.69	46.3	73.4
MS-08	47	2023-11-06 02:00:00	0.036	2.22	259.9	28.6	44.7	76.6
MS-06	47	2023-11-06 02:00:00	0.032	1.58	257.2	28.75	47.1	72.4
MS-12	47	2023-11-06 02:00:00	0.055	2.76	335.9	28.68	45.2	74.9
MS-12	47	2023-11-06 03:00:00	0.041	2.45	334.4	28.68	43.9	77.1
MS-12	47	2023-11-06 04:00:00	0.045	3.16	346.4	28.69	44.7	75.7
MS-12	47	2023-11-06 05:00:00	0.034	2.67	340.3	28.7	43.3	78.2

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	47	2023-11-06 06:00:00	0.033	2.83	340.9	28.71	43.1	78.8
MS-12	47	2023-11-06 07:00:00	0.054	2.13	347.2	28.72	48.6	71.5
MS-08	47	2023-11-06 07:00:00	0.042	2.3	248.7	28.64	46.5	75.6
MS-08	47	2023-11-06 08:00:00	0.086	1.5	210.3	28.65	57.6	54.6
MS-12	47	2023-11-06 08:00:00	0.055	1.22	68.1	28.74	61.6	47.7
MS-12	47	2023-11-06 09:00:00	0.033	1.31	169	28.72	68.8	37.5
MS-12	48	2023-11-06 11:00:00	0.037	3.48	168.7	28.69	78.1	29.4
MS-09	48	2023-11-06 12:00:00	0.038	6.04	233.3	28.6	78.1	32.8
MS-11	48	2023-11-06 12:00:00	0.121	5.85	199.3	28.35	78	35.3
MS-12	48	2023-11-06 12:00:00	0.089	5.59	171.6	28.65	79.1	32.4
MS-08	48	2023-11-06 12:00:00	0.123	4.03	244.4	28.58	78.3	32.5
MS-06	48	2023-11-06 12:00:00	0.065	8.28	240.5	28.71	78.5	32.6
MS-10	48	2023-11-06 12:00:00	0.096	6.93	222.7	28.75	79	33
MS-10	48	2023-11-06 13:00:00	0.134	8.41	228.3	28.74	78.4	36.4
MS-06	48	2023-11-06 13:00:00	0.124	9.72	243	28.7	78.1	36.1
MS-11	48	2023-11-06 13:00:00	0.228	7.37	192.7	28.33	76.5	41
MS-09	48	2023-11-06 13:00:00	0.044	7.16	225.6	28.59	77.8	35.9
MS-08	48	2023-11-06 13:00:00	0.18	4.37	248.2	28.56	78	35.2
MS-12	48	2023-11-06 13:00:00	0.133	6.59	159.2	28.64	78.7	36
MS-12	48	2023-11-06 14:00:00	0.18	4.69	177.5	28.64	77.5	44.1
MS-09	48	2023-11-06 14:00:00	0.047	6.61	225.8	28.59	76.1	44.5
MS-10	48	2023-11-06 14:00:00	0.19	9.36	223.1	28.74	76.4	45.1
MS-06	48	2023-11-06 14:00:00	0.182	10.48	232.4	28.7	76	45.9
MS-11	48	2023-11-06 14:00:00	0.294	5.97	217.8	28.33	75.3	47.1
MS-08	48	2023-11-06 14:00:00	0.285	4.18	249.1	28.56	76	44.5
MS-12	48	2023-11-06 15:00:00	0.181	4.25	176.6	28.64	74.2	54.4
MS-08	48	2023-11-06 15:00:00	0.337	3.31	257.7	28.56	73.1	55.1
MS-11	48	2023-11-06 15:00:00	0.338	4.75	225.9	28.33	72.8	54.4
MS-06	48	2023-11-06 15:00:00	0.188	8.74	235.5	28.7	73.8	54.8
MS-10	48	2023-11-06 15:00:00	0.209	8.17	220.5	28.74	73.9	54.4
MS-06	48	2023-11-06 16:00:00	0.174	6.48	249	28.71	69.9	63.4
MS-08	48	2023-11-06 16:00:00	0.329	3.27	258.7	28.57	68.1	66.8
MS-12	48	2023-11-06 16:00:00	0.162	4.34	161.5	28.65	69.2	65.6
MS-10	48	2023-11-06 16:00:00	0.198	6.65	223.9	28.75	70	63.1
MS-11	48	2023-11-06 16:00:00	0.33	4.49	230.9	28.33	69	62.3
MS-06	48	2023-11-06 17:00:00	0.16	4.88	239.3	28.72	65.7	71.3
MS-11	48	2023-11-06 17:00:00	0.302	6.59	224	28.34	64.5	70.2
MS-12	48	2023-11-06 17:00:00	0.148	2.49	159.5	28.66	64.9	74.2
MS-08	48	2023-11-06 17:00:00	0.312	2.03	183.7	28.58	63.9	75.8
MS-10	48	2023-11-06 17:00:00	0.183	3.7	215.3	28.76	65.9	70.9
MS-12	48	2023-11-06 18:00:00	0.139	1.54	156.9	28.68	61.6	81.4
MS-08	48	2023-11-06 18:00:00	0.294	2.18	243.7	28.6	61.2	82.1

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	48	2023-11-06 18:00:00	0.149	3.42	241.6	28.74	62.4	79.4
MS-10	48	2023-11-06 18:00:00	0.171	0.8	318.7	28.79	62	80.5
MS-11	48	2023-11-06 18:00:00	0.269	2.5	240.3	28.36	61.7	74.6
MS-11	48	2023-11-06 19:00:00	0.271	2.28	231.1	28.38	58	87
MS-12	48	2023-11-06 19:00:00	0.133	1.36	350.5	28.7	56.8	85.5
MS-08	48	2023-11-06 19:00:00	0.264	1.18	232.9	28.62	58	84.2
MS-06	48	2023-11-06 19:00:00	0.137	1.8	263.9	28.76	59.9	83.9
MS-10	48	2023-11-06 19:00:00	0.153	1.17	213.3	28.81	59.5	84.5
MS-06	48	2023-11-06 20:00:00	0.124	2.08	291.7	28.77	57	89
MS-10	48	2023-11-06 20:00:00	0.138	1.09	164.4	28.82	56.9	91
MS-12	48	2023-11-06 20:00:00	0.119	1.37	334.6	28.71	52.7	88.5
MS-08	48	2023-11-06 20:00:00	0.218	1.55	250.6	28.62	53.6	89.1
MS-11	48	2023-11-06 20:00:00	0.245	2.33	227.8	28.39	55.4	93
MS-08	48	2023-11-06 21:00:00	0.175	1.55	243.8	28.63	51.5	91.6
MS-12	48	2023-11-06 21:00:00	0.108	1.06	343.3	28.71	51.1	90.9
MS-06	48	2023-11-06 21:00:00	0.111	2.31	269.4	28.77	55.6	92.2
MS-11	48	2023-11-06 21:00:00	0.202	2.09	300.3	28.39	54	95.1
MS-10	48	2023-11-06 21:00:00	0.116	0.69	64.2	28.82	54.6	92.8
MS-08	48	2023-11-06 22:00:00	0.138	1.01	247	28.63	49.9	92.2
MS-10	48	2023-11-06 22:00:00	0.103	0.71	293.3	28.82	54.1	93.5
MS-06	48	2023-11-06 22:00:00	0.097	2.56	264.6	28.77	55.9	94
MS-11	48	2023-11-06 22:00:00	0.195	4.39	228.3	28.39	54.3	96.3
MS-12	48	2023-11-06 22:00:00	0.109	2.47	334.7	28.71	52.4	91
MS-06	48	2023-11-06 23:00:00	0.088	1.98	270.1	28.77	55.2	94.9
MS-12	48	2023-11-06 23:00:00	0.094	2	336.6	28.71	50.8	92.6
MS-10	48	2023-11-06 23:00:00	0.085	0.74	236.9	28.82	53.7	93.9
MS-11	48	2023-11-06 23:00:00	0.148	1.11	182.9	28.39	52.9	97
MS-08	48	2023-11-06 23:00:00	0.103	1.13	238.3	28.63	48.5	93
MS-06	48	2023-11-07 00:00:00	0.076	2.33	355.4	28.78	54.8	95
MS-08	48	2023-11-07 00:00:00	0.095	1.38	268.7	28.63	48.9	93.3
MS-11	48	2023-11-07 00:00:00	0.141	1.51	39.8	28.39	53	97.5
MS-10	48	2023-11-07 00:00:00	0.084	0.8	302.9	28.83	54.4	95.1
MS-12	48	2023-11-07 00:00:00	0.094	2.61	338.7	28.71	51.7	94.4
MS-12	48	2023-11-07 01:00:00	0.088	2.12	3.9	28.71	51.6	95.8
MS-10	48	2023-11-07 01:00:00	0.076	0.89	260.7	28.82	54	96.2
MS-08	48	2023-11-07 01:00:00	0.115	1.29	285.5	28.62	50.4	94.3
MS-11	48	2023-11-07 01:00:00	0.137	1.43	114.5	28.39	53.5	97.6
MS-06	48	2023-11-07 01:00:00	0.066	1.66	314.1	28.77	54.2	95.5
MS-08	48	2023-11-07 02:00:00	0.12	1.29	265.8	28.62	50.6	95.8
MS-12	48	2023-11-07 02:00:00	0.083	2.01	358.1	28.71	51.8	96
MS-11	48	2023-11-07 02:00:00	0.122	1.45	166.3	28.38	53.5	98
MS-06	48	2023-11-07 02:00:00	0.06	1.68	289.7	28.77	54.1	96



Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	48	2023-11-07 02:00:00	0.067	1.03	221	28.82	53.4	96.3
MS-10	48	2023-11-07 03:00:00	0.06	0.7	37.6	28.82	53.7	96.4
MS-08	48	2023-11-07 03:00:00	0.109	1.39	277.6	28.62	51.3	95.2
MS-12	48	2023-11-07 03:00:00	0.077	2.34	7.8	28.71	52.4	96
MS-11	48	2023-11-07 03:00:00	0.119	1.12	1.1	28.38	53.9	98
MS-06	48	2023-11-07 03:00:00	0.052	1.88	357.3	28.77	54.5	96.4
MS-12	48	2023-11-07 04:00:00	0.072	1.67	343.5	28.71	53.2	96.9
MS-06	48	2023-11-07 04:00:00	0.047	1.79	37.6	28.78	54.3	96.8
MS-08	48	2023-11-07 04:00:00	0.125	1.16	263.1	28.63	52.5	96
MS-10	48	2023-11-07 04:00:00	0.052	0.87	33.1	28.83	53.6	96
MS-11	48	2023-11-07 04:00:00	0.097	1.46	47.4	28.39	53.4	98
MS-10	48	2023-11-07 05:00:00	0.042	0.8	48	28.84	53.4	96
MS-11	48	2023-11-07 05:00:00	0.047	1.34	319.7	28.4	51.4	98
MS-12	48	2023-11-07 05:00:00	0.067	2.1	343.1	28.72	52.7	97
MS-08	48	2023-11-07 05:00:00	0.109	1.64	265.2	28.64	51.6	96
MS-06	48	2023-11-07 05:00:00	0.041	1.98	35.1	28.79	53.8	96.4
MS-06	48	2023-11-07 06:00:00	0.034	2.1	69.2	28.8	52.7	96
MS-10	48	2023-11-07 06:00:00	0.032	0.95	63.7	28.85	52.5	96.2
MS-08	48	2023-11-07 06:00:00	0.091	1.72	268.9	28.66	50.5	96.8
MS-12	48	2023-11-07 06:00:00	0.06	2.63	337.5	28.74	51.8	97
MS-11	48	2023-11-07 07:00:00	0.069	1.35	19.7	28.44	53.2	98.3
MS-12	48	2023-11-07 07:00:00	0.055	1.47	2.1	28.76	51.3	97.2
MS-10	48	2023-11-07 07:00:00	0.031	1	46.8	28.88	52.4	96.1
MS-08	48	2023-11-07 07:00:00	0.08	1.33	231.3	28.68	50.6	97.2
MS-06	48	2023-11-07 07:00:00	0.031	1.54	95.2	28.83	54.5	94.1
MS-12	48	2023-11-07 08:00:00	0.054	1.83	108.9	28.77	56.7	88.5
MS-08	48	2023-11-07 08:00:00	0.093	1.17	230.8	28.69	56.6	88.3
MS-10	48	2023-11-07 08:00:00	0.036	1.93	244.6	28.88	57.8	86.6
MS-12	48	2023-11-07 09:00:00	0.035	3.29	175.3	28.77	64.1	62
MS-10	49	2023-11-09 00:00:00	0.036	0.76	345.9	29	43	60.1
MS-10	50	2023-11-09 23:00:00	0.105	0.74	43.7	28.95	47.8	43.4
MS-10	50	2023-11-10 00:00:00	0.183	0.94	9.3	28.94	46.1	48.2
MS-10	50	2023-11-10 01:00:00	0.111	0.88	355.1	28.94	44.8	46.6
MS-10	50	2023-11-10 02:00:00	0.037	0.86	241.2	28.93	42	46.8
MS-10	51	2023-11-10 04:00:00	0.04	0.75	294.6	28.93	37.6	58.6
MS-08	52	2023-11-10 07:00:00	0.035	1.65	245.5	28.75	39.7	47
MS-11	52	2023-11-10 07:00:00	0.093	1.54	139.3	28.51	52.3	31.4
MS-11	52	2023-11-10 08:00:00	0.094	1.07	94.7	28.51	58.3	27
MS-08	52	2023-11-10 08:00:00	0.11	1.86	229.6	28.76	50.1	37
MS-09	52	2023-11-10 09:00:00	0.059	1.36	165.3	28.77	60.4	25
MS-08	52	2023-11-10 09:00:00	0.096	1.24	181.1	28.75	62.6	26.3
MS-08	52	2023-11-10 10:00:00	0.042	1.23	122.3	28.74	68.7	20.5

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-09	52	2023-11-10 10:00:00	0.068	1.3	125.4	28.76	66.7	21.7
MS-10	52	2023-11-10 10:00:00	0.035	1.11	191	28.93	67.5	21.8
MS-09	52	2023-11-10 11:00:00	0.123	2.44	177.6	28.74	71.4	19.5
MS-09	52	2023-11-10 12:00:00	0.097	2.89	178.1	28.71	73.6	17.2
MS-09	52	2023-11-10 13:00:00	0.057	2.78	182.5	28.69	75.8	14.4
MS-11	53	2023-11-10 16:00:00	0.038	1.75	276.8	28.43	67.7	18
MS-07	53	2023-11-10 16:00:00	0.053	4.57	316.4	28.69	69.8	20.2
MS-08	53	2023-11-10 17:00:00	0.09	2.13	260	28.69	53.8	33
MS-07	53	2023-11-10 17:00:00	0.166	2.13	274.4	28.71	61.9	36.8
MS-06	53	2023-11-10 17:00:00	0.052	2.25	262.4	28.82	63	22.2
MS-11	53	2023-11-10 17:00:00	0.283	1.39	221.4	28.45	60.8	29.9
MS-07	53	2023-11-10 18:00:00	0.034	5.81	349.3	28.72	57	26.6
MS-11	53	2023-11-10 18:00:00	0.045	0.82	206.9	28.46	56.9	22.5
MS-08	53	2023-11-10 18:00:00	0.063	2.43	257.5	28.7	49.1	35.5
MS-06	53	2023-11-10 19:00:00	0.031	2.13	219.7	28.85	54.9	28.2
MS-08	53	2023-11-10 19:00:00	0.051	2.28	261.7	28.71	46.2	38.9
MS-11	53	2023-11-10 19:00:00	0.032	1.35	201.9	28.48	56.3	24.8
MS-08	53	2023-11-10 20:00:00	0.07	1.87	257.5	28.72	44	43.3
MS-12	53	2023-11-10 20:00:00	0.039	2.75	331.7	28.81	45	41.3
MS-08	53	2023-11-10 21:00:00	0.072	1.46	255.6	28.74	41.9	46.4
MS-06	53	2023-11-10 21:00:00	0.06	2.1	240.3	28.88	49.2	35.1
MS-12	53	2023-11-10 21:00:00	0.039	1.92	330.6	28.82	41.6	46.1
MS-06	53	2023-11-10 22:00:00	0.053	2.09	223.6	28.89	48.1	35.1
MS-12	53	2023-11-10 22:00:00	0.049	2.34	329.9	28.83	40.5	48.6
MS-08	53	2023-11-10 22:00:00	0.071	1.37	272	28.74	41.1	47.6
MS-06	53	2023-11-10 23:00:00	0.046	2.09	78.6	28.89	48.8	33.6
MS-08	53	2023-11-10 23:00:00	0.068	1.69	264.7	28.74	40	48.8
MS-12	53	2023-11-10 23:00:00	0.03	4.04	336.2	28.82	41.6	45.7
MS-06	53	2023-11-11 00:00:00	0.039	1.97	255.2	28.88	44.2	38.1
MS-08	53	2023-11-11 00:00:00	0.052	1.85	263.5	28.74	39.4	48.5
MS-10	53	2023-11-11 00:00:00	0.041	0.8	260.2	28.94	43.8	44.7
MS-08	53	2023-11-11 01:00:00	0.032	1.87	275.6	28.74	39	47.5
MS-10	53	2023-11-11 01:00:00	0.049	0.87	285.7	28.94	42.1	48.1
MS-06	53	2023-11-11 01:00:00	0.077	2.1	116	28.88	44.5	41.3
MS-08	53	2023-11-11 02:00:00	0.033	1.72	263.2	28.74	37.7	49.7
MS-10	53	2023-11-11 02:00:00	0.035	1.05	261.3	28.94	41.5	47.1
MS-06	53	2023-11-11 02:00:00	0.079	2.11	258.5	28.88	41.8	44.3
MS-10	53	2023-11-11 03:00:00	0.042	0.93	273.4	28.94	40	50.5
MS-06	53	2023-11-11 03:00:00	0.071	1.97	256.6	28.88	39.8	46.8
MS-10	53	2023-11-11 04:00:00	0.048	0.75	276.3	28.94	38.8	53.1
MS-06	53	2023-11-11 04:00:00	0.066	2.18	250.9	28.88	38.8	47.5
MS-10	53	2023-11-11 05:00:00	0.045	0.74	296.8	28.95	37.9	55.4

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	53	2023-11-11 05:00:00	0.052	1.96	242.2	28.9	37.5	48.4
MS-10	53	2023-11-11 06:00:00	0.07	0.72	339.2	28.97	36.4	62.6
MS-06	53	2023-11-11 06:00:00	0.041	2.12	253.7	28.91	38.2	46.3
MS-10	53	2023-11-11 07:00:00	0.068	1.08	198.8	28.99	43.4	48.1
MS-06	53	2023-11-11 07:00:00	0.072	1.57	144.2	28.93	45	40.3
MS-12	53	2023-11-11 07:00:00	0.035	1.99	345.5	28.86	40.1	49.5
MS-08	53	2023-11-11 07:00:00	0.062	1.86	249.2	28.78	39.8	49.4
MS-11	53	2023-11-11 07:00:00	0.111	0.84	165.8	28.54	56	23.9
MS-08	53	2023-11-11 08:00:00	0.133	1.86	232.8	28.79	54.1	35.5
MS-12	53	2023-11-11 08:00:00	0.074	1.49	124.9	28.88	56.1	32.1
MS-06	53	2023-11-11 08:00:00	0.06	1.71	78.9	28.94	54.2	30.6
MS-10	53	2023-11-11 08:00:00	0.066	1.56	203.5	28.99	52.9	36.6
MS-11	53	2023-11-11 08:00:00	0.048	1	56.7	28.56	65	18.5
MS-09	53	2023-11-11 08:00:00	0.097	1.35	155.2	28.82	54.5	36.4
MS-07	53	2023-11-11 08:00:00	0.04	3.31	141.9	28.82	58.3	28.2
MS-09	53	2023-11-11 09:00:00	0.042	3.88	56.3	28.82	67.1	21.2
MS-10	53	2023-11-11 09:00:00	0.091	1.63	179.1	28.98	67.4	24.2
MS-06	53	2023-11-11 09:00:00	0.07	3.1	102.8	28.93	66.8	20.6
MS-10	54	2023-11-11 23:00:00	0.042	0.78	283.1	28.96	44.7	39.6
MS-10	55	2023-11-12 01:00:00	0.03	0.75	14.1	28.95	41	45.2
MS-06	55	2023-11-12 02:00:00	0.035	2.02	280.2	28.88	40.9	39.8
MS-10	55	2023-11-12 02:00:00	0.059	0.82	29.7	28.94	39.4	51.3
MS-10	55	2023-11-12 03:00:00	0.081	0.79	323.5	28.93	38.5	53.1
MS-06	55	2023-11-12 03:00:00	0.044	1.92	255.7	28.87	38.8	43.5
MS-10	55	2023-11-12 04:00:00	0.072	0.78	9.8	28.93	37.6	54.7
MS-06	55	2023-11-12 04:00:00	0.055	1.96	263	28.87	38.3	44.7
MS-10	55	2023-11-12 05:00:00	0.056	0.77	308.9	28.94	36	57
MS-06	55	2023-11-12 05:00:00	0.05	1.91	255	28.88	37.6	45.2
MS-11	55	2023-11-12 05:00:00	0.032	1.25	236.7	28.5	53	25.8
MS-10	55	2023-11-12 06:00:00	0.083	0.8	346.1	28.95	35.4	61.4
MS-11	55	2023-11-12 06:00:00	0.038	1.27	243.2	28.51	53.8	26.1
MS-06	55	2023-11-12 06:00:00	0.055	1.94	249.3	28.89	36.9	46.8
MS-09	55	2023-11-12 07:00:00	0.044	1.05	16.5	28.79	43.4	39.7
MS-10	55	2023-11-12 07:00:00	0.066	1.13	124.9	28.96	43.4	46.2
MS-06	55	2023-11-12 07:00:00	0.076	1.55	177.7	28.91	45.3	37.8
MS-08	55	2023-11-12 07:00:00	0.09	1.72	244.7	28.76	40.6	44.7
MS-11	55	2023-11-12 07:00:00	0.037	2.02	247.5	28.52	59.1	21.6
MS-08	55	2023-11-12 08:00:00	0.202	1.82	240.4	28.77	50.9	37.9
MS-10	55	2023-11-12 08:00:00	0.06	1.62	197.8	28.97	52.2	34.8
MS-07	55	2023-11-12 08:00:00	0.051	2.04	86.4	28.8	58.8	24.8
MS-09	55	2023-11-12 08:00:00	0.093	1.31	176.5	28.8	55.1	30.4
MS-06	55	2023-11-12 08:00:00	0.078	1.49	71.7	28.91	54	29

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	55	2023-11-12 08:00:00	0.071	1.3	119.4	28.85	56.7	27.7
MS-10	55	2023-11-12 09:00:00	0.088	1.56	203.2	28.96	63.7	26.5
MS-08	55	2023-11-12 09:00:00	0.286	1.59	183.5	28.76	67.4	25.5
MS-07	55	2023-11-12 09:00:00	0.073	3.5	148.3	28.79	68.2	19.5
MS-06	55	2023-11-12 09:00:00	0.112	1.51	65.5	28.9	64.7	22.6
MS-09	55	2023-11-12 09:00:00	0.197	1.87	172.6	28.79	64.4	26.7
MS-12	55	2023-11-12 09:00:00	0.104	2.17	143.6	28.84	67.5	21.7
MS-08	55	2023-11-12 10:00:00	0.053	3.19	148	28.75	74.5	15.1
MS-09	55	2023-11-12 10:00:00	0.168	2.72	181.2	28.77	73.9	16.4
MS-10	55	2023-11-12 10:00:00	0.099	2.11	202.7	28.93	74.6	18.6
MS-06	55	2023-11-12 10:00:00	0.039	2.33	75.1	28.88	74.5	13.9
MS-09	55	2023-11-12 11:00:00	0.118	3.26	179.9	28.74	78	14
MS-09	55	2023-11-12 12:00:00	0.075	2.74	166.8	28.7	80.7	12.5
MS-08	56	2023-11-12 16:00:00	0.087	1.79	218.2	28.63	69.5	18.4
MS-11	56	2023-11-12 16:00:00	0.035	2.46	341.3	28.39	72.3	14.6
MS-11	56	2023-11-12 17:00:00	0.187	1.2	205.4	28.41	63	20.9
MS-08	56	2023-11-12 17:00:00	0.076	2.39	265.1	28.66	58.3	25.1
MS-12	56	2023-11-12 17:00:00	0.054	2.24	340.4	28.73	62.8	22.4
MS-12	56	2023-11-12 18:00:00	0.045	2.77	340.8	28.75	56.5	25.3
MS-11	56	2023-11-12 18:00:00	0.057	1.29	216.5	28.43	62.3	18.9
MS-08	56	2023-11-12 18:00:00	0.042	2.48	258.9	28.68	53.4	27.6
MS-10	56	2023-11-12 18:00:00	0.042	0.8	332.1	28.86	60.7	24.6
MS-08	56	2023-11-12 19:00:00	0.053	2.04	258.3	28.69	49.6	31.4
MS-10	56	2023-11-12 19:00:00	0.035	0.78	325.2	28.88	55.5	28.3
MS-12	56	2023-11-12 19:00:00	0.041	2.92	336.9	28.77	52.1	28.7
MS-11	56	2023-11-12 19:00:00	0.086	1.25	187.5	28.45	59.7	20.5
MS-06	56	2023-11-12 20:00:00	0.047	1.55	247.9	28.83	51.2	28.9
MS-10	56	2023-11-12 20:00:00	0.036	0.75	348.7	28.89	51.4	33.7
MS-12	56	2023-11-12 20:00:00	0.048	3.49	339	28.77	49.8	31.1
MS-11	56	2023-11-12 20:00:00	0.106	1.18	208.7	28.45	56.6	23.8
MS-08	56	2023-11-12 20:00:00	0.066	1.98	257	28.69	46.9	35.2
MS-07	56	2023-11-12 21:00:00	0.039	4.71	349.2	28.73	52.6	27.9
MS-10	56	2023-11-12 21:00:00	0.113	0.75	336.3	28.9	48.6	39.8
MS-08	56	2023-11-12 21:00:00	0.06	2.34	259.3	28.7	45.9	36.5
MS-11	56	2023-11-12 21:00:00	0.144	1.25	191	28.46	53.8	27.8
MS-06	56	2023-11-12 21:00:00	0.098	2.15	259.1	28.84	49.3	33.9
MS-12	56	2023-11-12 21:00:00	0.062	2.81	336.1	28.78	47.1	34.6
MS-07	56	2023-11-12 22:00:00	0.036	5.16	352.3	28.73	50.6	29.6
MS-12	56	2023-11-12 22:00:00	0.066	3.66	345.3	28.79	45.9	36.2
MS-11	56	2023-11-12 22:00:00	0.142	1.13	205.6	28.47	52	30.6
MS-06	56	2023-11-12 22:00:00	0.108	1.59	261	28.85	47.2	36
MS-08	56	2023-11-12 22:00:00	0.085	1.77	254.4	28.71	43.6	40.4

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	56	2023-11-12 22:00:00	0.136	0.73	341.4	28.91	46.4	42.1
MS-07	56	2023-11-12 23:00:00	0.039	4.76	356.5	28.73	50	30.4
MS-11	56	2023-11-12 23:00:00	0.147	0.91	203.6	28.47	51.5	31.1
MS-06	56	2023-11-12 23:00:00	0.108	2.03	257.2	28.85	46.6	36.7
MS-08	56	2023-11-12 23:00:00	0.066	2.15	262.3	28.71	42.9	40.9
MS-12	56	2023-11-12 23:00:00	0.077	3.42	334.2	28.79	44.4	38.6
MS-10	56	2023-11-12 23:00:00	0.133	0.76	3.6	28.91	44.5	46.2
MS-08	56	2023-11-13 00:00:00	0.105	1.67	256.3	28.71	42	44.2
MS-11	56	2023-11-13 00:00:00	0.14	0.75	195.9	28.47	49.5	32.4
MS-12	56	2023-11-13 00:00:00	0.09	3.04	341.7	28.79	43	41.7
MS-06	56	2023-11-13 00:00:00	0.112	1.89	251.9	28.85	45	38.7
MS-07	56	2023-11-13 00:00:00	0.04	4.62	349.9	28.73	48.6	31.8
MS-10	56	2023-11-13 00:00:00	0.251	0.76	1	28.91	42.9	51.7
MS-12	56	2023-11-13 01:00:00	0.097	3.27	334.6	28.78	42.1	43.3
MS-11	56	2023-11-13 01:00:00	0.148	0.9	202.7	28.46	48.7	34
MS-10	56	2023-11-13 01:00:00	0.083	0.72	0.9	28.9	41.3	46.4
MS-06	56	2023-11-13 01:00:00	0.116	1.79	251.6	28.84	43.3	41.1
MS-07	56	2023-11-13 01:00:00	0.056	4.96	5.5	28.72	46.9	34.8
MS-08	56	2023-11-13 01:00:00	0.102	1.95	263.6	28.7	40.7	46.6
MS-12	56	2023-11-13 02:00:00	0.103	2.55	333	28.76	41.5	44.9
MS-07	56	2023-11-13 02:00:00	0.054	3.92	351.1	28.71	46.6	34.9
MS-08	56	2023-11-13 02:00:00	0.105	1.79	258	28.68	41.2	46.3
MS-10	56	2023-11-13 02:00:00	0.087	0.72	348.4	28.88	40.6	50.5
MS-11	56	2023-11-13 02:00:00	0.137	0.85	192.8	28.44	48	35.1
MS-06	56	2023-11-13 02:00:00	0.126	1.63	259.9	28.83	43	42.1
MS-12	56	2023-11-13 03:00:00	0.111	2.44	327.2	28.76	41.5	45.7
MS-08	56	2023-11-13 03:00:00	0.135	1.6	264.3	28.68	41.3	47.6
MS-10	56	2023-11-13 03:00:00	0.054	0.73	356.7	28.88	40.6	50.9
MS-11	56	2023-11-13 03:00:00	0.125	0.92	202.2	28.44	48.8	33.8
MS-06	56	2023-11-13 03:00:00	0.13	1.65	241.6	28.83	42.9	42.7
MS-09	56	2023-11-13 03:00:00	0.041	1.68	11.9	28.71	43.2	42.5
MS-07	56	2023-11-13 03:00:00	0.059	3.9	349.4	28.71	46.2	36.2
MS-10	56	2023-11-13 04:00:00	0.045	0.76	359.7	28.89	40.1	51.8
MS-06	56	2023-11-13 04:00:00	0.133	1.95	254.4	28.83	41.8	44.6
MS-09	56	2023-11-13 04:00:00	0.075	1.21	343.6	28.72	41.7	46.5
MS-12	56	2023-11-13 04:00:00	0.116	2.87	336.2	28.77	41	46.7
MS-11	56	2023-11-13 04:00:00	0.136	1.23	161.7	28.44	48	35.6
MS-08	56	2023-11-13 04:00:00	0.138	1.57	253.8	28.69	39.8	50.7
MS-07	56	2023-11-13 04:00:00	0.069	4.62	5.1	28.71	45.5	37.8
MS-11	56	2023-11-13 05:00:00	0.131	1.24	193.8	28.45	46.3	38.8
MS-06	56	2023-11-13 05:00:00	0.145	1.74	252.2	28.84	40.8	47
MS-09	56	2023-11-13 05:00:00	0.058	1.76	22.7	28.72	41.1	46.3

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	56	2023-11-13 05:00:00	0.064	0.74	6.1	28.9	39.3	55.6
MS-08	56	2023-11-13 05:00:00	0.11	1.86	260.6	28.7	39.3	50.4
MS-12	56	2023-11-13 05:00:00	0.12	2.3	329.8	28.78	39	50.9
MS-07	56	2023-11-13 05:00:00	0.07	4.07	358.2	28.72	44.5	39
MS-11	56	2023-11-13 06:00:00	0.193	0.98	158.1	28.46	47.1	40
MS-12	56	2023-11-13 06:00:00	0.108	2.46	328.7	28.79	39.1	51
MS-08	56	2023-11-13 06:00:00	0.128	1.42	257.6	28.71	39.5	51.5
MS-07	56	2023-11-13 06:00:00	0.072	4.5	352.2	28.73	44.2	39.7
MS-10	56	2023-11-13 06:00:00	0.094	0.71	298	28.91	39.4	57.1
MS-09	56	2023-11-13 06:00:00	0.07	1.42	21.7	28.74	41.4	47.9
MS-06	56	2023-11-13 06:00:00	0.149	1.76	250.9	28.85	41.4	46.7
MS-10	56	2023-11-13 07:00:00	0.121	0.77	353.4	28.93	46	50
MS-07	56	2023-11-13 07:00:00	0.092	5.05	15.4	28.75	47.2	38.3
MS-06	56	2023-11-13 07:00:00	0.19	1.65	207	28.87	46.7	42.9
MS-11	56	2023-11-13 07:00:00	0.196	1.76	74.1	28.48	52.7	35.6
MS-12	56	2023-11-13 07:00:00	0.135	3.18	339.3	28.8	44.7	45.1
MS-09	56	2023-11-13 07:00:00	0.099	1.07	9	28.75	45.5	44.4
MS-08	56	2023-11-13 07:00:00	0.214	1.62	247.3	28.72	42.8	51.7
MS-11	56	2023-11-13 08:00:00	0.351	1.42	23	28.48	57.3	37
MS-07	56	2023-11-13 08:00:00	0.111	4.27	24.5	28.75	53.9	32.8
MS-10	56	2023-11-13 08:00:00	0.105	0.79	92.3	28.93	54.1	37.6
MS-09	56	2023-11-13 08:00:00	0.134	1.03	205.8	28.76	53.4	34.3
MS-06	56	2023-11-13 08:00:00	0.174	1.97	138.7	28.87	53.6	33.6
MS-12	56	2023-11-13 08:00:00	0.151	2.25	338.6	28.81	54.3	34.7
MS-08	56	2023-11-13 08:00:00	0.291	1.09	227.1	28.73	51.4	41.7
MS-08	56	2023-11-13 09:00:00	0.323	1.08	151.3	28.73	60.4	34.5
MS-10	56	2023-11-13 09:00:00	0.114	1.2	236.5	28.92	59.4	33.3
MS-07	56	2023-11-13 09:00:00	0.151	2.94	120	28.75	60.2	30.1
MS-09	56	2023-11-13 09:00:00	0.202	1.47	166.1	28.75	60.1	31.2
MS-06	56	2023-11-13 09:00:00	0.191	1.81	98	28.87	59.3	29.3
MS-12	56	2023-11-13 09:00:00	0.192	1.85	221.3	28.8	61	30.9
MS-11	56	2023-11-13 09:00:00	0.354	1.97	357.8	28.48	61.2	33.5
MS-10	56	2023-11-13 10:00:00	0.149	1.27	219.1	28.9	66.7	28.6
MS-09	56	2023-11-13 10:00:00	0.224	1.8	175.9	28.73	66.1	28.8
MS-06	56	2023-11-13 10:00:00	0.184	2.46	76.4	28.85	65.5	24.5
MS-07	56	2023-11-13 10:00:00	0.153	3.02	112.9	28.73	66.7	25.3
MS-08	56	2023-11-13 10:00:00	0.283	1.17	149.7	28.71	68.7	26.5
MS-11	56	2023-11-13 10:00:00	0.236	2.54	354.2	28.47	67.7	24.7
MS-12	56	2023-11-13 10:00:00	0.22	1.32	173.4	28.78	69.5	24.8
MS-08	56	2023-11-13 11:00:00	0.183	1.77	124.1	28.69	72	21.9
MS-09	56	2023-11-13 11:00:00	0.215	1.58	167.2	28.71	70.8	24.1
MS-06	56	2023-11-13 11:00:00	0.193	2.24	107.2	28.82	70.4	21.8

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	56	2023-11-13 11:00:00	0.15	2.15	290.5	28.76	72.4	20.6
MS-07	56	2023-11-13 11:00:00	0.153	3.04	136.6	28.71	70.6	22.8
MS-10	56	2023-11-13 11:00:00	0.176	0.87	322.9	28.87	71.4	25.7
MS-11	56	2023-11-13 11:00:00	0.188	4.55	34.4	28.45	70.3	21.9
MS-08	56	2023-11-13 12:00:00	0.108	2.29	129.8	28.66	73.8	19.1
MS-09	56	2023-11-13 12:00:00	0.161	2.8	177.4	28.68	73.9	20.2
MS-07	56	2023-11-13 12:00:00	0.11	4.08	192.5	28.68	73.2	19.3
MS-10	56	2023-11-13 12:00:00	0.054	2.69	199.5	28.84	74.6	19.6
MS-12	56	2023-11-13 12:00:00	0.117	2.74	178.5	28.73	74.7	18.6
MS-06	56	2023-11-13 12:00:00	0.132	3.6	79.3	28.79	73.5	18.2
MS-11	56	2023-11-13 12:00:00	0.173	5.32	159.2	28.42	71.2	20.7
MS-12	56	2023-11-13 13:00:00	0.117	3.76	176.1	28.71	75.6	18
MS-07	56	2023-11-13 13:00:00	0.1	6.1	212.4	28.66	74.1	18.5
MS-09	56	2023-11-13 13:00:00	0.141	3.65	169.2	28.66	75.6	18.6
MS-11	56	2023-11-13 13:00:00	0.147	6.93	152.5	28.4	72.2	19.7
MS-08	56	2023-11-13 13:00:00	0.083	3.15	254.7	28.64	74.6	18
MS-06	56	2023-11-13 13:00:00	0.1	4.69	137.2	28.77	74.8	16.7
MS-12	56	2023-11-13 14:00:00	0.082	4.53	169.5	28.71	75.1	17.4
MS-09	56	2023-11-13 14:00:00	0.105	4.21	181.9	28.66	75.2	17.5
MS-06	56	2023-11-13 14:00:00	0.053	5.04	137.4	28.77	74.7	15.9
MS-11	56	2023-11-13 14:00:00	0.148	6.26	175.6	28.4	71.6	20.2
MS-08	56	2023-11-13 14:00:00	0.036	3.04	335.6	28.64	74.6	17.4
MS-07	56	2023-11-13 14:00:00	0.077	7.15	193.9	28.66	73.4	18.2
MS-11	56	2023-11-13 15:00:00	0.127	3.79	175.5	28.4	70.7	20.7
MS-08	56	2023-11-13 15:00:00	0.073	2.18	321.2	28.64	71.5	19.9
MS-12	56	2023-11-13 15:00:00	0.072	4.95	160.8	28.71	73.2	18.3
MS-07	56	2023-11-13 15:00:00	0.066	7.15	178.4	28.66	71.4	18.8
MS-09	56	2023-11-13 15:00:00	0.078	3.66	206.5	28.66	73.2	18.5
MS-06	56	2023-11-13 15:00:00	0.081	4.39	131.8	28.77	73.6	17.2
MS-12	56	2023-11-13 16:00:00	0.143	1.9	319.4	28.71	65.6	26.5
MS-08	56	2023-11-13 16:00:00	0.239	2.08	247.5	28.64	62.3	32.3
MS-11	56	2023-11-13 16:00:00	0.126	3.74	189.3	28.39	67.4	22.5
MS-07	56	2023-11-13 16:00:00	0.144	4.62	233.8	28.65	68.2	26.6
MS-10	56	2023-11-13 16:00:00	0.053	1.29	237.8	28.82	68.7	24
MS-09	56	2023-11-13 16:00:00	0.064	1.89	194.2	28.66	68.6	22.2
MS-06	56	2023-11-13 16:00:00	0.119	2.5	209.9	28.76	69.6	21.7
MS-12	56	2023-11-13 17:00:00	0.242	2.72	338.5	28.72	56.7	38.7
MS-06	56	2023-11-13 17:00:00	0.296	2.57	264.7	28.78	60.2	36.3
MS-11	56	2023-11-13 17:00:00	0.311	3.7	210.2	28.4	63.1	33.9
MS-07	56	2023-11-13 17:00:00	0.175	4.21	310	28.66	61.9	33.7
MS-10	56	2023-11-13 17:00:00	0.15	0.93	345.3	28.83	59.9	35.1
MS-09	56	2023-11-13 17:00:00	0.095	2.32	356	28.67	59	32.6

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	56	2023-11-13 17:00:00	0.283	2.23	251.2	28.65	54.1	43.3
MS-11	56	2023-11-13 18:00:00	0.571	1.54	190.3	28.42	57.2	50.6
MS-09	56	2023-11-13 18:00:00	0.11	2.37	7.5	28.68	53.7	40.3
MS-12	56	2023-11-13 18:00:00	0.243	2.62	327.9	28.74	51.1	45.7
MS-08	56	2023-11-13 18:00:00	0.301	2.45	260.9	28.66	50.3	51.6
MS-06	56	2023-11-13 18:00:00	0.304	1.87	261.2	28.79	54.8	44.5
MS-07	56	2023-11-13 18:00:00	0.182	3.05	351.1	28.68	57.6	40.6
MS-10	56	2023-11-13 18:00:00	0.113	0.86	8.8	28.85	54.5	38.9
MS-11	56	2023-11-13 19:00:00	0.505	1.14	188	28.42	54.7	50.1
MS-09	56	2023-11-13 19:00:00	0.115	2.66	6.9	28.69	50.9	44.8
MS-10	56	2023-11-13 19:00:00	0.074	1.06	328.9	28.86	50.5	43.6
MS-06	56	2023-11-13 19:00:00	0.329	2.2	254	28.8	50.6	51.5
MS-12	56	2023-11-13 19:00:00	0.252	2.86	340.9	28.74	48.6	51.5
MS-07	56	2023-11-13 19:00:00	0.187	4.29	348.1	28.69	54.1	46.2
MS-08	56	2023-11-13 19:00:00	0.291	2.32	257.5	28.67	48.4	53.8
MS-12	56	2023-11-13 20:00:00	0.235	2.45	331.9	28.76	45.7	54.2
MS-07	56	2023-11-13 20:00:00	0.159	2.99	326.6	28.71	51.7	47.1
MS-11	56	2023-11-13 20:00:00	0.328	1.52	222.8	28.44	52.9	46.6
MS-10	56	2023-11-13 20:00:00	0.144	0.9	296.6	28.88	48.9	50.9
MS-09	56	2023-11-13 20:00:00	0.094	2.28	23.4	28.71	50.3	44.5
MS-08	56	2023-11-13 20:00:00	0.256	1.73	252.2	28.68	44.9	58.2
MS-06	56	2023-11-13 20:00:00	0.262	2.44	267.7	28.82	48.7	50.5
MS-11	56	2023-11-13 21:00:00	0.226	1.06	208.8	28.46	49.9	47.4
MS-10	56	2023-11-13 21:00:00	0.197	0.91	309.3	28.9	46.1	59.3
MS-12	56	2023-11-13 21:00:00	0.222	2.87	333.4	28.78	43.4	59
MS-07	56	2023-11-13 21:00:00	0.143	3.23	340	28.72	49.4	49.7
MS-08	56	2023-11-13 21:00:00	0.23	1.9	254.3	28.7	42.6	62.4
MS-09	56	2023-11-13 21:00:00	0.093	2	335.4	28.73	46.9	50.1
MS-06	56	2023-11-13 21:00:00	0.237	2.57	265.1	28.84	47.8	50.3
MS-09	56	2023-11-13 22:00:00	0.078	2.17	15.1	28.73	44.5	53.2
MS-10	56	2023-11-13 22:00:00	0.163	1.02	336.1	28.9	44	61.4
MS-06	56	2023-11-13 22:00:00	0.211	2.23	253.7	28.85	45.1	54
MS-12	56	2023-11-13 22:00:00	0.213	3.18	337.7	28.79	42.8	59.4
MS-07	56	2023-11-13 22:00:00	0.126	4.8	356.5	28.73	46.7	52.2
MS-11	56	2023-11-13 22:00:00	0.237	0.98	183.3	28.46	47.3	53.2
MS-08	56	2023-11-13 22:00:00	0.196	1.97	259.5	28.71	41.2	63.6
MS-09	56	2023-11-13 23:00:00	0.061	1.79	4.9	28.73	42.5	55.5
MS-11	56	2023-11-13 23:00:00	0.219	1.14	180.3	28.46	47	53.6
MS-12	56	2023-11-13 23:00:00	0.196	3.69	346.6	28.78	42	60
MS-07	56	2023-11-13 23:00:00	0.105	4.41	349.2	28.72	46	52.1
MS-08	56	2023-11-13 23:00:00	0.157	1.89	259.5	28.7	39.5	64.2
MS-06	56	2023-11-13 23:00:00	0.19	2.09	256.5	28.84	42.7	58.8



Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	56	2023-11-13 23:00:00	0.14	0.73	358.9	28.9	41.9	64.6
MS-10	56	2023-11-14 00:00:00	0.168	0.8	7.7	28.9	39.7	69.1
MS-08	56	2023-11-14 00:00:00	0.132	1.67	256.2	28.7	38.5	64.9
MS-06	56	2023-11-14 00:00:00	0.185	1.69	235.9	28.84	41.9	59.8
MS-07	56	2023-11-14 00:00:00	0.091	5.55	357.8	28.72	44	54.2
MS-12	56	2023-11-14 00:00:00	0.182	3.59	351.4	28.78	40.7	61.3
MS-09	56	2023-11-14 00:00:00	0.041	2.27	35	28.73	41.4	56
MS-11	56	2023-11-14 00:00:00	0.179	1.03	195.9	28.45	45	55.9
MS-07	56	2023-11-14 01:00:00	0.074	3.29	346.2	28.72	43.2	54.3
MS-10	56	2023-11-14 01:00:00	0.123	0.7	12.2	28.9	38	70
MS-08	56	2023-11-14 01:00:00	0.102	1.68	256.5	28.69	36.8	66.8
MS-11	56	2023-11-14 01:00:00	0.185	1.51	194.7	28.45	45.1	56.3
MS-06	56	2023-11-14 01:00:00	0.162	1.92	247.7	28.84	39.7	62.3
MS-12	56	2023-11-14 01:00:00	0.15	2.54	327.6	28.77	37.5	65.5
MS-09	56	2023-11-14 01:00:00	0.036	1.52	0.4	28.72	40.4	57.3
MS-08	56	2023-11-14 02:00:00	0.074	2.11	265.3	28.69	36.6	66.2
MS-07	56	2023-11-14 02:00:00	0.06	5.4	354.2	28.71	42.4	55
MS-10	56	2023-11-14 02:00:00	0.089	0.74	7.6	28.89	37.4	70.6
MS-12	56	2023-11-14 02:00:00	0.123	2.62	334.7	28.77	37.3	65.2
MS-06	56	2023-11-14 02:00:00	0.148	1.64	252.2	28.83	38.6	66
MS-11	56	2023-11-14 02:00:00	0.108	0.8	212.5	28.44	45.3	52.8
MS-06	56	2023-11-14 03:00:00	0.142	1.66	249.9	28.84	37.7	67.1
MS-07	56	2023-11-14 03:00:00	0.046	4.7	351.6	28.71	41	56.6
MS-10	56	2023-11-14 03:00:00	0.034	0.7	15.8	28.9	36.1	71.7
MS-12	56	2023-11-14 03:00:00	0.111	2.58	333	28.77	36.4	66.4
MS-08	56	2023-11-14 03:00:00	0.071	1.85	260.6	28.69	36	67.6
MS-11	56	2023-11-14 03:00:00	0.086	1.4	162.5	28.45	44.3	54.9
MS-10	56	2023-11-14 04:00:00	0.047	0.95	5.1	28.9	36	74.2
MS-07	56	2023-11-14 04:00:00	0.039	6.24	2.7	28.71	40.7	57.5
MS-08	56	2023-11-14 04:00:00	0.065	1.55	258.8	28.69	35.1	70.2
MS-11	56	2023-11-14 04:00:00	0.062	0.84	164.7	28.45	44	55.2
MS-06	56	2023-11-14 04:00:00	0.121	2.28	246.3	28.84	38.2	66.4
MS-12	56	2023-11-14 04:00:00	0.105	3.48	342.4	28.77	35.6	68.7
MS-07	56	2023-11-14 05:00:00	0.033	4.96	351.7	28.73	39.8	59.1
MS-08	56	2023-11-14 05:00:00	0.057	2.07	266.8	28.7	35.7	69.1
MS-06	56	2023-11-14 05:00:00	0.102	1.57	253.3	28.85	37.4	65.7
MS-11	56	2023-11-14 05:00:00	0.036	2.06	154	28.46	43.7	53.9
MS-12	56	2023-11-14 05:00:00	0.105	3.09	336.6	28.78	36.2	67.8
MS-10	56	2023-11-14 06:00:00	0.033	0.9	358	28.93	35.4	76.4
MS-12	56	2023-11-14 06:00:00	0.101	3.23	340.8	28.8	36.3	68.4
MS-06	56	2023-11-14 06:00:00	0.086	2.28	255.8	28.87	37	67
MS-08	56	2023-11-14 06:00:00	0.053	1.45	251.3	28.72	34.8	70.9

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	56	2023-11-14 07:00:00	0.08	1.93	248.1	28.73	37.9	68
MS-07	56	2023-11-14 07:00:00	0.035	4.27	29.7	28.76	44.6	53.1
MS-11	56	2023-11-14 07:00:00	0.044	1.39	72.3	28.49	47.5	50.6
MS-12	56	2023-11-14 07:00:00	0.122	3.05	336.5	28.81	40.5	63.5
MS-09	56	2023-11-14 07:00:00	0.038	1.03	25.3	28.76	42.3	58.9
MS-06	56	2023-11-14 07:00:00	0.121	1.84	160.3	28.88	43.9	57
MS-12	56	2023-11-14 08:00:00	0.142	1.27	127.6	28.82	52.6	44.2
MS-06	56	2023-11-14 08:00:00	0.103	1.82	79.3	28.89	51.3	44.2
MS-09	56	2023-11-14 08:00:00	0.058	1.48	167.7	28.77	51.2	43.7
MS-08	56	2023-11-14 08:00:00	0.158	1.53	209.6	28.74	48.9	51.1
MS-07	56	2023-11-14 08:00:00	0.05	2.87	104.5	28.77	52.9	42.6
MS-06	56	2023-11-14 09:00:00	0.088	2.48	89.9	28.88	58.4	34.5
MS-11	56	2023-11-14 09:00:00	0.149	1.82	38.5	28.49	62.1	37.2
MS-08	56	2023-11-14 09:00:00	0.134	1.9	164	28.74	59.7	35.9
MS-12	56	2023-11-14 09:00:00	0.13	1.28	168.9	28.82	61.2	34.1
MS-09	56	2023-11-14 09:00:00	0.082	1.71	191.9	28.76	58.4	37
MS-07	56	2023-11-14 09:00:00	0.053	3	100.2	28.76	59.7	35.4
MS-11	56	2023-11-14 10:00:00	0.07	1.92	19.6	28.48	70	27.6
MS-08	56	2023-11-14 10:00:00	0.054	1.63	121.9	28.73	67.6	26.7
MS-09	56	2023-11-14 10:00:00	0.09	2.08	179	28.75	65.6	27.9
MS-06	56	2023-11-14 10:00:00	0.03	2.22	65.4	28.86	66.2	25.6
MS-12	56	2023-11-14 10:00:00	0.086	1.87	247.8	28.8	69.1	25.1
MS-08	56	2023-11-14 11:00:00	0.046	1.87	151.1	28.7	73.2	22.6
MS-09	56	2023-11-14 11:00:00	0.082	2.03	177.1	28.72	72.3	23.9
MS-12	56	2023-11-14 11:00:00	0.06	2.07	193.2	28.77	74.1	21.3
MS-09	56	2023-11-14 12:00:00	0.079	1.91	129.7	28.69	76.9	21.3
MS-12	56	2023-11-14 12:00:00	0.057	2.39	198.9	28.74	77.7	19.4
MS-12	56	2023-11-14 13:00:00	0.037	2.73	187.2	28.71	78.9	18.3
MS-09	56	2023-11-14 13:00:00	0.058	2.32	124.1	28.66	78.3	20.1
MS-09	56	2023-11-14 14:00:00	0.068	2.02	188.5	28.65	79.2	19.4
MS-08	56	2023-11-14 14:00:00	0.033	2.13	180.2	28.63	78	19.3
MS-12	56	2023-11-14 14:00:00	0.041	2.12	262.7	28.7	79.7	18
MS-08	56	2023-11-14 15:00:00	0.124	2.41	253	28.62	74.1	24.5
MS-11	56	2023-11-14 15:00:00	0.091	2.58	256.4	28.38	75.4	23.8
MS-07	56	2023-11-14 15:00:00	0.043	6.26	269.3	28.63	75.3	23.8
MS-09	56	2023-11-14 15:00:00	0.034	1.71	215.8	28.63	78.3	20.2
MS-10	56	2023-11-14 15:00:00	0.099	1.71	250.1	28.79	78.6	21.8
MS-12	56	2023-11-14 15:00:00	0.1	1.9	307.7	28.69	76.7	22.4
MS-09	56	2023-11-14 16:00:00	0.094	1.49	315.1	28.63	71	28.9
MS-10	56	2023-11-14 16:00:00	0.184	1.77	208	28.79	71.3	31.6
MS-07	56	2023-11-14 16:00:00	0.081	6.27	266.8	28.63	69.9	30.8
MS-08	56	2023-11-14 16:00:00	0.262	2.46	254.8	28.62	62.7	38.6

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	56	2023-11-14 16:00:00	0.136	4.66	223	28.74	71	30.9
MS-11	56	2023-11-14 16:00:00	0.26	3.47	222.5	28.38	69	33
MS-12	56	2023-11-14 16:00:00	0.241	1.53	339.3	28.69	64	38.2
MS-07	56	2023-11-14 17:00:00	0.081	2.18	282.6	28.64	63.2	37.4
MS-09	56	2023-11-14 17:00:00	0.079	2.56	8.6	28.65	61.1	37.2
MS-12	56	2023-11-14 17:00:00	0.204	2.32	332.3	28.7	55.6	45.9
MS-10	56	2023-11-14 17:00:00	0.191	1.17	227.6	28.8	63.7	39.4
MS-08	56	2023-11-14 17:00:00	0.21	1.79	253.3	28.63	56.1	45.2
MS-06	56	2023-11-14 17:00:00	0.239	3.23	277.8	28.76	64.8	36.9
MS-11	56	2023-11-14 17:00:00	0.241	4.14	225.2	28.38	64.8	36.5
MS-09	56	2023-11-14 18:00:00	0.063	1.86	354.4	28.66	56.4	41.9
MS-12	56	2023-11-14 18:00:00	0.196	2.11	324.9	28.71	52.5	50.2
MS-10	56	2023-11-14 18:00:00	0.155	0.69	218.2	28.82	56.7	45.6
MS-06	56	2023-11-14 18:00:00	0.206	2.13	242.3	28.77	56.5	44.9
MS-08	56	2023-11-14 18:00:00	0.193	2.05	255.8	28.63	51.8	51.1
MS-11	56	2023-11-14 18:00:00	0.219	1.63	199.3	28.39	60.1	41.1
MS-07	56	2023-11-14 18:00:00	0.076	2.07	330.6	28.65	60.2	40.6
MS-09	56	2023-11-14 19:00:00	0.062	1.75	347.1	28.67	53.2	46.3
MS-06	56	2023-11-14 19:00:00	0.175	2.07	253	28.78	53.7	47.8
MS-08	56	2023-11-14 19:00:00	0.184	1.7	255	28.64	49.1	55.4
MS-07	56	2023-11-14 19:00:00	0.069	3.48	331.8	28.66	57	43.7
MS-10	56	2023-11-14 19:00:00	0.101	0.71	46	28.83	53.2	48.8
MS-11	56	2023-11-14 19:00:00	0.156	1.11	193.2	28.4	58.1	41.5
MS-12	56	2023-11-14 19:00:00	0.175	2.97	337.4	28.72	50.5	52.5
MS-07	56	2023-11-14 20:00:00	0.055	5.12	359.6	28.67	54.2	45.9
MS-09	56	2023-11-14 20:00:00	0.038	1.9	358.2	28.68	51.3	46.9
MS-10	56	2023-11-14 20:00:00	0.078	0.75	270.3	28.84	50.4	51.6
MS-11	56	2023-11-14 20:00:00	0.183	1.15	194.9	28.41	53.7	48.8
MS-06	56	2023-11-14 20:00:00	0.162	1.52	240.1	28.79	51.1	50.6
MS-12	56	2023-11-14 20:00:00	0.169	3	339.9	28.73	49.7	53.3
MS-08	56	2023-11-14 20:00:00	0.16	2	256.9	28.65	47.3	57.6
MS-11	56	2023-11-14 21:00:00	0.154	1.13	192.3	28.41	53.7	48.7
MS-06	56	2023-11-14 21:00:00	0.135	2.46	252.7	28.8	49.2	53
MS-10	56	2023-11-14 21:00:00	0.082	0.73	293.2	28.85	48	56.7
MS-12	56	2023-11-14 21:00:00	0.138	3.08	335.1	28.74	46.6	56.2
MS-08	56	2023-11-14 21:00:00	0.107	1.83	258.5	28.66	44.8	58.7
MS-07	56	2023-11-14 21:00:00	0.039	4.01	349.7	28.68	52.1	46.9
MS-12	56	2023-11-14 22:00:00	0.119	3.76	342.3	28.74	46.2	55.7
MS-06	56	2023-11-14 22:00:00	0.121	1.77	248.8	28.8	47.5	55
MS-11	56	2023-11-14 22:00:00	0.151	1.07	202.8	28.42	51.4	52.2
MS-10	56	2023-11-14 22:00:00	0.032	0.7	3.1	28.85	46.1	56.1
MS-08	56	2023-11-14 22:00:00	0.064	1.96	262.1	28.66	43.3	59.6

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	56	2023-11-14 23:00:00	0.093	2.83	330.7	28.74	43.6	58.4
MS-06	56	2023-11-14 23:00:00	0.097	1.95	248.2	28.8	46	55.5
MS-11	56	2023-11-14 23:00:00	0.138	1.45	193.5	28.41	50	52.7
MS-08	56	2023-11-14 23:00:00	0.058	1.88	256.2	28.66	42.2	61.2
MS-12	56	2023-11-15 00:00:00	0.08	3.14	333.4	28.72	41.5	61.8
MS-06	56	2023-11-15 00:00:00	0.075	1.72	244.1	28.78	43.6	59.4
MS-08	56	2023-11-15 00:00:00	0.049	1.66	258.4	28.64	40.7	64.3
MS-11	56	2023-11-15 00:00:00	0.068	1.27	196.8	28.4	48.9	52
MS-08	56	2023-11-15 01:00:00	0.037	2.04	264.7	28.63	41.9	61.5
MS-06	56	2023-11-15 01:00:00	0.095	2	263.8	28.77	44.4	59.6
MS-12	56	2023-11-15 01:00:00	0.082	2.82	327	28.71	41.1	63.3
MS-11	56	2023-11-15 01:00:00	0.058	1.17	181.4	28.38	49.2	50.9
MS-12	56	2023-11-15 02:00:00	0.096	2.33	332.3	28.7	45.1	57.9
MS-08	56	2023-11-15 02:00:00	0.059	1.41	272	28.62	45	58.5
MS-06	56	2023-11-15 02:00:00	0.105	1.59	239.1	28.76	47.1	55.5
MS-08	56	2023-11-15 03:00:00	0.122	0.83	186.3	28.62	46.8	59.3
MS-06	56	2023-11-15 03:00:00	0.103	1.66	168.7	28.76	48.1	53.9
MS-12	56	2023-11-15 03:00:00	0.109	2.16	320.8	28.7	46.6	57.9
MS-10	56	2023-11-15 03:00:00	0.034	0.99	351.5	28.81	45.3	61.8
MS-09	56	2023-11-15 04:00:00	0.04	1.21	142.1	28.65	48	54.1
MS-10	56	2023-11-15 04:00:00	0.047	0.89	234.4	28.82	47	59.2
MS-11	56	2023-11-15 04:00:00	0.033	2.19	105	28.38	51.3	48.7
MS-12	56	2023-11-15 04:00:00	0.107	2.28	326.5	28.71	49.5	53.2
MS-06	56	2023-11-15 04:00:00	0.1	1.88	69.4	28.77	49.1	52.5
MS-08	56	2023-11-15 04:00:00	0.136	0.91	236.5	28.63	48.2	57.6
MS-12	56	2023-11-15 05:00:00	0.128	1.88	328.3	28.72	50	54.3
MS-08	56	2023-11-15 05:00:00	0.136	0.91	263.8	28.64	49.5	55.6
MS-10	56	2023-11-15 05:00:00	0.049	0.72	257.5	28.83	48.8	57.1
MS-06	56	2023-11-15 05:00:00	0.105	1.5	250.1	28.78	50.2	51.3
MS-08	56	2023-11-15 06:00:00	0.154	1.12	254.3	28.64	49.3	57
MS-11	56	2023-11-15 06:00:00	0.034	0.9	199.4	28.4	51.8	46.7
MS-06	56	2023-11-15 06:00:00	0.097	1.93	275.3	28.78	50.8	50.4
MS-12	56	2023-11-15 06:00:00	0.13	2.39	324.2	28.72	49.7	55.3
MS-09	56	2023-11-15 06:00:00	0.051	1.57	9.2	28.66	49.9	53.7
MS-10	56	2023-11-15 06:00:00	0.087	0.78	287.9	28.83	48.7	59.8
MS-08	56	2023-11-15 07:00:00	0.155	1.09	242.8	28.64	50.2	56.8
MS-10	56	2023-11-15 07:00:00	0.069	0.82	259.8	28.83	51.4	55
MS-12	56	2023-11-15 07:00:00	0.13	1.79	346.8	28.71	51.5	53
MS-09	56	2023-11-15 07:00:00	0.058	1.08	16	28.66	51.1	52.4
MS-06	56	2023-11-15 07:00:00	0.118	2.06	39.5	28.78	52.6	49.7
MS-11	56	2023-11-15 08:00:00	0.036	1.86	103.6	28.38	60.4	38
MS-12	56	2023-11-15 08:00:00	0.132	1.12	115.7	28.7	57.3	44.6

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	56	2023-11-15 08:00:00	0.083	1.24	238	28.81	56.7	46.8
MS-06	56	2023-11-15 08:00:00	0.114	1.47	153	28.76	57.5	43
MS-08	56	2023-11-15 08:00:00	0.181	1.01	228.2	28.63	55.6	48.1
MS-09	56	2023-11-15 08:00:00	0.06	1.41	7.8	28.65	56	44.3
MS-12	56	2023-11-15 09:00:00	0.06	1.67	321.1	28.7	63	34.5
MS-11	56	2023-11-15 09:00:00	0.097	1.81	358.1	28.38	63.5	38.6
MS-08	56	2023-11-15 09:00:00	0.11	0.82	220.1	28.62	62.3	37.5
MS-06	56	2023-11-15 09:00:00	0.11	2.06	97.9	28.76	61.8	37.9
MS-10	56	2023-11-15 09:00:00	0.081	0.83	122.9	28.81	61.5	40.4
MS-06	56	2023-11-15 10:00:00	0.074	3.2	356.6	28.75	64.6	33.6
MS-09	56	2023-11-15 10:00:00	0.049	1.54	339.4	28.64	64.2	34.6
MS-10	56	2023-11-15 10:00:00	0.117	0.93	341.7	28.8	63.6	39.8
MS-12	56	2023-11-15 10:00:00	0.097	1.96	307.8	28.69	65	34.1
MS-08	56	2023-11-15 10:00:00	0.148	1.58	217.6	28.62	63.6	36.2
MS-11	56	2023-11-15 10:00:00	0.145	1.82	343	28.37	64.2	39
MS-08	56	2023-11-15 11:00:00	0.5	2.08	249.6	28.62	58.6	64.8
MS-07	56	2023-11-15 11:00:00	0.057	5.3	270.6	28.63	59.8	55
MS-12	56	2023-11-15 11:00:00	0.379	2.13	35.2	28.69	59.3	67.9
MS-11	56	2023-11-15 11:00:00	0.388	3.38	226.7	28.37	58.9	55.7
MS-09	56	2023-11-15 11:00:00	0.152	2.34	305.5	28.64	60.3	58
MS-06	56	2023-11-15 11:00:00	0.285	3.93	225.5	28.75	61.8	49.8
MS-10	56	2023-11-15 11:00:00	0.286	1.54	295.9	28.8	61.2	54.3
MS-09	56	2023-11-15 12:00:00	0.156	3.8	176.6	28.65	58.1	63.3
MS-07	56	2023-11-15 12:00:00	0.059	9.05	170.2	28.64	57.7	62.5
MS-06	56	2023-11-15 12:00:00	0.339	5.07	144.7	28.77	59.1	59.6
MS-08	56	2023-11-15 12:00:00	0.427	3.3	79.4	28.63	58.4	61.3
MS-12	56	2023-11-15 12:00:00	0.335	3.92	50.4	28.7	58.4	64.1
MS-10	56	2023-11-15 12:00:00	0.322	2.66	223.2	28.81	58.7	63.2
MS-11	56	2023-11-15 12:00:00	0.431	7.46	130.5	28.38	56.8	64.2
MS-10	56	2023-11-15 13:00:00	0.35	1.1	332.6	28.8	54.8	80
MS-12	56	2023-11-15 13:00:00	0.36	2.47	343.6	28.69	54.1	83
MS-08	56	2023-11-15 13:00:00	0.523	2.11	258.4	28.61	53.2	84.1
MS-09	56	2023-11-15 13:00:00	0.147	2.78	6.9	28.63	53.8	80.9
MS-06	56	2023-11-15 13:00:00	0.379	2.9	338.8	28.75	55.6	73.8
MS-11	56	2023-11-15 13:00:00	0.561	3.62	49.8	28.36	53.9	80.3
MS-07	56	2023-11-15 13:00:00	0.041	6.02	31.8	28.63	54.4	75.7
MS-10	56	2023-11-15 14:00:00	0.336	1.36	289.2	28.79	54.5	82.8
MS-08	56	2023-11-15 14:00:00	0.501	2.81	245.7	28.61	52.7	86
MS-11	56	2023-11-15 14:00:00	0.56	2.09	275.3	28.36	53.1	84.4
MS-09	56	2023-11-15 14:00:00	0.135	2.75	269.6	28.63	53.8	82.3
MS-06	56	2023-11-15 14:00:00	0.363	3.56	256.7	28.75	54.6	80.2
MS-12	56	2023-11-15 14:00:00	0.346	1.64	120	28.69	53.9	84.9

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	56	2023-11-15 15:00:00	0.333	1.56	263.4	28.8	54.1	86.1
MS-06	56	2023-11-15 15:00:00	0.356	3.01	177	28.75	54.3	84.4
MS-11	56	2023-11-15 15:00:00	0.566	1.43	288.1	28.37	53	88.4
MS-12	56	2023-11-15 15:00:00	0.33	1.68	349.7	28.69	54.2	85.1
MS-08	56	2023-11-15 15:00:00	0.474	2.19	230	28.62	53.2	86.3
MS-09	56	2023-11-15 15:00:00	0.12	2.09	291.2	28.64	53.4	86.2
MS-12	56	2023-11-15 16:00:00	0.317	1.27	229	28.69	53.5	89.8
MS-09	56	2023-11-15 16:00:00	0.106	1.62	142	28.63	52.9	90.5
MS-06	56	2023-11-15 16:00:00	0.335	2.12	169.8	28.75	53.6	88.6
MS-08	56	2023-11-15 16:00:00	0.466	1.21	184.9	28.61	52.8	90.5
MS-10	56	2023-11-15 16:00:00	0.317	1.71	197.1	28.8	53.5	90.4
MS-11	56	2023-11-15 16:00:00	0.539	1.59	120.6	28.36	52.2	91
MS-08	56	2023-11-15 17:00:00	0.435	1.73	217.9	28.64	52.2	93.1
MS-12	56	2023-11-15 17:00:00	0.298	1.34	150.9	28.72	52.6	93.3
MS-06	56	2023-11-15 17:00:00	0.309	2.89	196.7	28.78	52.7	91.7
MS-10	56	2023-11-15 17:00:00	0.289	1.55	227.7	28.83	52.7	93.1
MS-11	56	2023-11-15 17:00:00	0.506	1.58	245.8	28.39	51.6	93.6
MS-09	56	2023-11-15 17:00:00	0.092	1.83	205.4	28.66	52.1	93.5
MS-08	56	2023-11-15 18:00:00	0.41	0.77	83.3	28.66	52.2	94.8
MS-11	56	2023-11-15 18:00:00	0.474	1.18	220.3	28.42	51.5	95.1
MS-06	56	2023-11-15 18:00:00	0.285	1.35	151.3	28.8	52.5	93.6
MS-10	56	2023-11-15 18:00:00	0.266	0.97	178.3	28.85	52.5	94.6
MS-12	56	2023-11-15 18:00:00	0.279	0.97	176.7	28.74	52.5	94.5
MS-09	56	2023-11-15 18:00:00	0.077	0.99	155.3	28.69	52.1	95
MS-12	56	2023-11-15 19:00:00	0.261	0.83	129.3	28.75	52.9	95
MS-11	56	2023-11-15 19:00:00	0.449	0.88	319.1	28.43	52	96
MS-08	56	2023-11-15 19:00:00	0.388	0.81	174.9	28.68	52.4	95.4
MS-09	56	2023-11-15 19:00:00	0.063	1.15	222	28.7	52.1	95.9
MS-06	56	2023-11-15 19:00:00	0.261	1.22	215.7	28.82	52.8	94.2
MS-10	56	2023-11-15 19:00:00	0.245	1.1	240.3	28.87	52.7	95.3
MS-10	56	2023-11-15 20:00:00	0.227	0.94	294.6	28.87	53.2	96
MS-08	56	2023-11-15 20:00:00	0.366	0.89	199.1	28.68	52.7	96
MS-06	56	2023-11-15 20:00:00	0.238	1.87	316.3	28.82	53.4	94.9
MS-09	56	2023-11-15 20:00:00	0.053	1.17	4.7	28.7	52.7	96
MS-12	56	2023-11-15 20:00:00	0.241	0.92	2.2	28.75	53.2	95.7
MS-11	56	2023-11-15 20:00:00	0.421	1	353.8	28.43	52.4	96
MS-06	56	2023-11-15 21:00:00	0.215	2.05	292.8	28.81	54.2	94.5
MS-09	56	2023-11-15 21:00:00	0.035	1.15	325.8	28.7	53.6	96
MS-11	56	2023-11-15 21:00:00	0.389	1.36	255.5	28.43	52.5	96.7
MS-08	56	2023-11-15 21:00:00	0.34	1.32	256.5	28.67	53.3	96
MS-12	56	2023-11-15 21:00:00	0.221	1.09	273.9	28.75	54	95.5
MS-10	56	2023-11-15 21:00:00	0.211	0.86	329.6	28.86	54	96

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	56	2023-11-15 22:00:00	0.191	1.4	20	28.82	54.2	94
MS-11	56	2023-11-15 22:00:00	0.363	1.47	345.8	28.43	53.1	97
MS-08	56	2023-11-15 22:00:00	0.311	1.16	207.7	28.68	53.7	95.6
MS-12	56	2023-11-15 22:00:00	0.201	1.02	341.2	28.76	54.3	95.4
MS-10	56	2023-11-15 22:00:00	0.189	0.94	197.4	28.87	53.8	96
MS-06	56	2023-11-15 23:00:00	0.168	3.04	328.1	28.82	55.1	93.6
MS-08	56	2023-11-15 23:00:00	0.287	0.89	246.3	28.68	53.9	96
MS-12	56	2023-11-15 23:00:00	0.183	1.33	359.3	28.76	54.6	95
MS-11	56	2023-11-15 23:00:00	0.344	1.7	354.7	28.43	53.9	97
MS-10	56	2023-11-15 23:00:00	0.169	0.73	312.9	28.87	54.2	96.3
MS-11	56	2023-11-16 00:00:00	0.311	1.38	359.8	28.43	54.2	97
MS-12	56	2023-11-16 00:00:00	0.164	1.42	335.3	28.75	55.1	95
MS-10	56	2023-11-16 00:00:00	0.156	0.93	66.5	28.87	55.1	96.2
MS-06	56	2023-11-16 00:00:00	0.147	3.43	5.2	28.82	56	92.5
MS-08	56	2023-11-16 00:00:00	0.266	0.74	239.5	28.68	54.1	96
MS-06	56	2023-11-16 01:00:00	0.13	1.73	93.9	28.81	55.8	94
MS-08	56	2023-11-16 01:00:00	0.245	1	248.1	28.67	54.5	96
MS-12	56	2023-11-16 01:00:00	0.148	0.69	28	28.75	55.4	95.6
MS-10	56	2023-11-16 01:00:00	0.139	0.72	73.7	28.86	55.4	96
MS-11	56	2023-11-16 01:00:00	0.286	1.13	4.2	28.43	54.4	97.2
MS-12	56	2023-11-16 02:00:00	0.132	0.77	138.7	28.74	55	96
MS-11	56	2023-11-16 02:00:00	0.262	0.88	57.2	28.42	54.7	98
MS-06	56	2023-11-16 02:00:00	0.115	0.92	188.7	28.8	55.6	94.7
MS-10	56	2023-11-16 02:00:00	0.125	0.75	212	28.85	55.5	96
MS-08	56	2023-11-16 02:00:00	0.222	0.8	50.7	28.66	54.7	96.4
MS-08	56	2023-11-16 03:00:00	0.203	0.7	233.5	28.66	54.7	97
MS-12	56	2023-11-16 03:00:00	0.12	0.71	219.6	28.74	55.2	96
MS-11	56	2023-11-16 03:00:00	0.235	0.67	345	28.42	54.7	98
MS-06	56	2023-11-16 03:00:00	0.101	0.95	314.1	28.8	55.7	95
MS-10	56	2023-11-16 03:00:00	0.11	0.67	234.2	28.85	55.5	96.7
MS-10	56	2023-11-16 04:00:00	0.099	0.68	207.7	28.85	55.6	97
MS-08	56	2023-11-16 04:00:00	0.186	0.68	207.2	28.66	54.7	97
MS-11	56	2023-11-16 04:00:00	0.212	0.73	350.7	28.42	54.8	98
MS-12	56	2023-11-16 04:00:00	0.107	0.74	168.9	28.74	55.3	96.1
MS-06	56	2023-11-16 04:00:00	0.09	0.85	99.9	28.8	55.7	95
MS-06	56	2023-11-16 05:00:00	0.078	1.55	191.8	28.81	55.8	95.9
MS-12	56	2023-11-16 05:00:00	0.096	0.79	166.8	28.74	55.4	97
MS-10	56	2023-11-16 05:00:00	0.09	1.16	213.8	28.86	55.6	97
MS-08	56	2023-11-16 05:00:00	0.171	0.93	207.5	28.67	54.8	97
MS-11	56	2023-11-16 05:00:00	0.19	1.73	130.4	28.42	54.8	98
MS-08	56	2023-11-16 06:00:00	0.157	0.67	166.5	28.68	54.9	97
MS-12	56	2023-11-16 06:00:00	0.085	0.72	145	28.76	55.6	97

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	56	2023-11-16 06:00:00	0.08	0.71	227	28.87	55.8	97
MS-11	56	2023-11-16 06:00:00	0.17	1.05	179.7	28.44	54.8	98
MS-06	56	2023-11-16 06:00:00	0.07	1.36	279.9	28.82	55.9	96
MS-11	56	2023-11-16 07:00:00	0.168	1.24	314.2	28.46	55.6	97.9
MS-10	56	2023-11-16 07:00:00	0.074	0.8	104	28.89	56.3	97
MS-12	56	2023-11-16 07:00:00	0.073	1.14	103.5	28.78	56.1	97
MS-06	56	2023-11-16 07:00:00	0.058	1.74	268.8	28.84	56.4	96
MS-08	56	2023-11-16 07:00:00	0.15	0.98	97.4	28.7	55.3	97
MS-10	56	2023-11-16 08:00:00	0.066	1.14	152.1	28.91	57.4	95.9
MS-12	56	2023-11-16 08:00:00	0.054	1.2	188.4	28.8	57.4	95.6
MS-06	56	2023-11-16 08:00:00	0.043	1.81	131.1	28.87	57.3	94.7
MS-08	56	2023-11-16 08:00:00	0.142	0.92	121.4	28.73	57	96.3
MS-11	56	2023-11-16 08:00:00	0.16	1.14	58.8	28.48	56.6	96.7
MS-08	56	2023-11-16 09:00:00	0.134	1.85	79.4	28.73	60.5	87.7
MS-12	56	2023-11-16 09:00:00	0.038	1.52	164.2	28.81	60.3	89.2
MS-11	56	2023-11-16 09:00:00	0.154	2.02	19.3	28.49	60	89.3
MS-10	56	2023-11-16 09:00:00	0.055	1.12	31.5	28.92	60.8	87.6
MS-08	56	2023-11-16 10:00:00	0.116	1.73	120.4	28.73	62.4	80.7
MS-12	56	2023-11-16 10:00:00	0.03	2.12	155.3	28.8	63	79.7
MS-11	56	2023-11-16 10:00:00	0.141	2.32	6.4	28.48	62.9	81.4
MS-10	56	2023-11-16 10:00:00	0.034	1.39	172.4	28.91	63.9	77.5
MS-12	56	2023-11-16 11:00:00	0.03	1.89	310	28.77	64.2	73.7
MS-08	56	2023-11-16 11:00:00	0.097	1.31	130.4	28.7	63.8	74.6
MS-11	56	2023-11-16 11:00:00	0.12	2.14	82.4	28.45	64.5	75.6
MS-10	56	2023-11-16 12:00:00	0.031	2.14	228.1	28.85	67.2	67.6
MS-11	56	2023-11-16 12:00:00	0.079	3.12	137.8	28.43	65.4	71.5
MS-08	56	2023-11-16 12:00:00	0.077	1.67	272.9	28.67	65.9	68
MS-12	56	2023-11-16 12:00:00	0.032	1.7	198.8	28.75	66.4	69.5
MS-11	56	2023-11-16 13:00:00	0.04	2.93	115.7	28.41	66.4	65
MS-12	56	2023-11-16 13:00:00	0.032	2.18	231.2	28.73	68.7	63.4
MS-08	56	2023-11-16 13:00:00	0.071	2.07	344.9	28.65	68.3	63.5
MS-11	56	2023-11-16 14:00:00	0.042	2.29	126.3	28.4	67.2	64.8
MS-08	56	2023-11-16 14:00:00	0.064	1.87	116.8	28.64	68.8	61
MS-11	56	2023-11-16 15:00:00	0.035	2.26	140.5	28.4	66	67.3
MS-08	56	2023-11-16 15:00:00	0.061	1.45	188.8	28.64	66.5	65.6
MS-11	56	2023-11-16 16:00:00	0.038	1.96	221	28.4	63.3	73.6
MS-08	56	2023-11-16 16:00:00	0.06	2.47	251.8	28.65	59.9	80
MS-08	56	2023-11-16 17:00:00	0.048	1.45	262	28.66	56.7	87.2
MS-11	56	2023-11-16 18:00:00	0.047	3.3	227.1	28.44	57.9	90.7
MS-08	56	2023-11-16 18:00:00	0.054	1.45	240.5	28.68	57.5	89.8
MS-11	56	2023-11-16 19:00:00	0.046	3.53	223.7	28.45	56.7	95.3
MS-08	56	2023-11-16 19:00:00	0.043	1.5	243.1	28.69	55.2	92



Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-11	56	2023-11-16 20:00:00	0.037	3.94	225.5	28.46	56.3	96
MS-08	56	2023-11-16 20:00:00	0.04	0.89	230.2	28.7	54.2	93.9
MS-08	56	2023-11-16 21:00:00	0.044	0.71	230.4	28.7	54.8	94.2
MS-08	56	2023-11-16 22:00:00	0.038	0.82	245.9	28.7	54.4	94.5
MS-08	56	2023-11-16 23:00:00	0.041	0.9	290	28.7	55.2	94.8
MS-08	56	2023-11-17 00:00:00	0.039	0.98	99.5	28.69	54.6	95.8
MS-08	57	2023-11-17 18:00:00	0.056	2	273.8	28.64	59.7	80.8
MS-11	57	2023-11-17 18:00:00	0.053	4.4	212.8	28.4	58.4	85.2
MS-11	57	2023-11-17 19:00:00	0.079	2.65	240	28.42	57.1	93.3
MS-08	57	2023-11-17 19:00:00	0.07	2.1	248.9	28.66	59.3	86.2
MS-08	57	2023-11-17 20:00:00	0.071	2.61	261.2	28.68	59.2	86.3
MS-10	57	2023-11-17 20:00:00	0.037	1.87	257.5	28.86	60	85.1
MS-11	57	2023-11-17 20:00:00	0.072	3.72	241.8	28.43	57.8	89.9
MS-08	57	2023-11-17 21:00:00	0.073	1.8	223.8	28.66	58	88.3
MS-10	57	2023-11-17 21:00:00	0.037	1.69	48.2	28.85	59.5	87.5
MS-11	57	2023-11-17 21:00:00	0.086	3.38	145.6	28.42	57.4	94
MS-11	57	2023-11-17 22:00:00	0.066	4.23	125.9	28.41	57	90.7
MS-10	57	2023-11-17 22:00:00	0.035	0.9	299.7	28.84	57.7	91.8
MS-08	57	2023-11-17 22:00:00	0.056	1.84	259.8	28.66	54.9	89.7
MS-11	57	2023-11-17 23:00:00	0.051	1.53	292.3	28.42	54.6	93.2
MS-08	57	2023-11-17 23:00:00	0.044	2.37	257.7	28.66	53.4	91.6
MS-11	57	2023-11-18 00:00:00	0.059	2.95	229.3	28.42	55.6	94.6
MS-08	57	2023-11-18 00:00:00	0.044	0.96	242.8	28.67	53.9	89.6
MS-11	57	2023-11-18 01:00:00	0.044	1.23	343.3	28.42	54.8	92.9
MS-08	57	2023-11-18 01:00:00	0.046	1.35	225.4	28.67	54.9	88.8
MS-11	57	2023-11-18 02:00:00	0.034	0.75	327.4	28.42	53.9	94.2
MS-08	57	2023-11-18 02:00:00	0.055	1.02	29.5	28.66	54.8	92
MS-08	57	2023-11-18 03:00:00	0.053	1.03	157	28.66	54.1	93.9
MS-08	57	2023-11-18 04:00:00	0.051	0.99	190.7	28.66	53.6	94.8
MS-08	57	2023-11-18 05:00:00	0.05	0.8	241.8	28.67	53.6	95.8
MS-08	57	2023-11-18 06:00:00	0.049	1.29	342.6	28.69	53.6	96
MS-08	57	2023-11-18 07:00:00	0.057	1.23	248.7	28.71	54.3	96.2
MS-11	57	2023-11-18 07:00:00	0.03	2.08	227.6	28.46	54.2	97
MS-08	57	2023-11-18 08:00:00	0.063	2.03	260.2	28.72	58.8	90.4
MS-11	57	2023-11-18 08:00:00	0.049	2.05	310.2	28.48	56.6	94.7
MS-10	57	2023-11-18 08:00:00	0.03	1.02	75.2	28.91	57.5	91.8
MS-08	57	2023-11-18 09:00:00	0.063	1.7	212.9	28.73	60.6	85.9
MS-11	57	2023-11-18 09:00:00	0.056	1.24	43.3	28.49	58.6	92
MS-11	57	2023-11-18 10:00:00	0.061	1.88	71.5	28.48	60.9	84.9
MS-08	57	2023-11-18 10:00:00	0.058	1.7	306.3	28.72	62.1	81.3
MS-08	57	2023-11-18 11:00:00	0.05	1.89	253.7	28.71	62.6	77.2
MS-11	57	2023-11-18 11:00:00	0.051	1.35	263.8	28.47	62.3	78.8

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	57	2023-11-18 12:00:00	0.05	1.29	244.3	28.7	61.5	80.3
MS-11	57	2023-11-18 12:00:00	0.053	1.06	283.4	28.46	61.4	84.2
MS-11	57	2023-11-18 13:00:00	0.049	2.08	251.8	28.44	61.4	85.7
MS-08	57	2023-11-18 13:00:00	0.038	2.17	236.3	28.68	63.4	75.2
MS-08	57	2023-11-18 14:00:00	0.033	2.12	230.1	28.68	63.9	72.9
MS-11	57	2023-11-18 14:00:00	0.034	2.53	246.1	28.44	62.1	83
MS-08	57	2023-11-18 15:00:00	0.032	2.12	229.9	28.68	63.8	72.9
MS-08	57	2023-11-18 16:00:00	0.037	2.23	251.2	28.7	60.5	83.1
MS-08	57	2023-11-18 17:00:00	0.04	1.63	244.2	28.71	59.1	88.1
MS-08	57	2023-11-18 18:00:00	0.038	1.56	242.7	28.72	58.2	90.7
MS-08	57	2023-11-18 19:00:00	0.039	1.06	252.4	28.74	57.8	92.2
MS-08	57	2023-11-18 20:00:00	0.039	0.96	56.2	28.76	57.4	94.2
MS-08	57	2023-11-18 21:00:00	0.035	1.63	258.5	28.77	57.4	92.9
MS-08	57	2023-11-18 22:00:00	0.034	0.94	244.1	28.77	56.9	93.6
MS-08	57	2023-11-18 23:00:00	0.033	0.9	248.5	28.77	56.4	94.5
MS-06	58	2023-11-21 16:00:00	0.03	9.54	45.5	29.08	69.5	20.5
MS-08	58	2023-11-21 17:00:00	0.037	1.65	91.7	28.96	64.8	23.9
MS-10	58	2023-11-21 17:00:00	0.071	0.69	350.4	29.15	61.5	28.7
MS-06	58	2023-11-21 17:00:00	0.061	4.97	48	29.09	66.7	23.7
MS-09	58	2023-11-21 18:00:00	0.048	1.78	39.1	28.98	61.2	28.7
MS-08	58	2023-11-21 18:00:00	0.117	1.26	279.5	28.96	58.2	33
MS-11	58	2023-11-21 18:00:00	0.139	1.64	191.7	28.71	58.4	30.6
MS-06	58	2023-11-21 18:00:00	0.036	5.26	35.8	29.09	66.3	22.9
MS-10	58	2023-11-21 18:00:00	0.102	0.68	317.5	29.14	57.3	34.2
MS-08	58	2023-11-21 19:00:00	0.147	2.25	260.9	28.95	50	44.5
MS-10	58	2023-11-21 19:00:00	0.134	0.78	21.4	29.15	54.5	41.1
MS-06	58	2023-11-21 19:00:00	0.058	5.78	27.3	29.09	65.2	24.6
MS-11	58	2023-11-21 19:00:00	0.165	1.53	200.2	28.71	56	33.2
MS-09	58	2023-11-21 19:00:00	0.069	1.6	31.1	28.98	57.1	34.6
MS-12	58	2023-11-21 19:00:00	0.066	2.79	340.1	29.03	54.2	39.2
MS-09	58	2023-11-21 20:00:00	0.073	1.64	352.7	28.98	54.8	37.3
MS-11	58	2023-11-21 20:00:00	0.136	1.36	196.8	28.72	56.1	32.3
MS-08	58	2023-11-21 20:00:00	0.156	1.89	270.2	28.96	48.5	47.6
MS-10	58	2023-11-21 20:00:00	0.153	0.8	334	29.15	56.7	38.4
MS-12	58	2023-11-21 20:00:00	0.095	2.19	336.4	29.04	49.5	48.4
MS-06	58	2023-11-21 20:00:00	0.046	4.96	21.6	29.1	64.3	24.7
MS-06	58	2023-11-21 21:00:00	0.053	7.06	31.8	29.1	62.6	26.1
MS-11	58	2023-11-21 21:00:00	0.084	2.07	0.6	28.72	57.7	30.4
MS-08	58	2023-11-21 21:00:00	0.141	1.22	281.7	28.96	52.6	40.1
MS-10	58	2023-11-21 21:00:00	0.111	0.75	336	29.15	56	37.3
MS-09	58	2023-11-21 21:00:00	0.034	2.62	37.3	28.99	59.3	29.4
MS-12	58	2023-11-21 21:00:00	0.072	2.09	348.7	29.04	52.4	41.6

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	58	2023-11-21 22:00:00	0.05	5.79	32.6	29.1	61.1	27.4
MS-08	58	2023-11-21 22:00:00	0.152	1.29	285.8	28.96	51.5	43
MS-10	58	2023-11-21 22:00:00	0.099	0.67	279	29.15	53.9	39.9
MS-09	58	2023-11-21 22:00:00	0.032	2.42	53.5	28.98	58.9	30.1
MS-12	58	2023-11-21 22:00:00	0.08	2.39	346.4	29.04	52.4	42.1
MS-11	58	2023-11-21 22:00:00	0.147	1.42	277.4	28.71	55.5	34.1
MS-12	58	2023-11-21 23:00:00	0.073	3.53	324.4	29.03	53.9	39.1
MS-10	58	2023-11-21 23:00:00	0.091	0.67	288.4	29.14	52.9	39.8
MS-06	58	2023-11-21 23:00:00	0.046	6.12	39.6	29.09	60.9	27.2
MS-11	58	2023-11-21 23:00:00	0.078	1.91	339.6	28.7	57.2	31.5
MS-08	58	2023-11-21 23:00:00	0.171	1.59	268.5	28.95	48.4	48.7
MS-06	58	2023-11-22 00:00:00	0.037	6.16	41.4	29.07	60.9	26.5
MS-10	58	2023-11-22 00:00:00	0.082	0.67	291.7	29.12	52.4	40.4
MS-08	58	2023-11-22 00:00:00	0.164	1.59	278.1	28.93	47.4	50.2
MS-12	58	2023-11-22 00:00:00	0.075	2.43	348.7	29.01	51.1	42.8
MS-11	58	2023-11-22 00:00:00	0.202	1.28	188.8	28.69	53.2	39
MS-11	58	2023-11-22 01:00:00	0.167	1.32	208.1	28.67	52.5	38.9
MS-08	58	2023-11-22 01:00:00	0.151	1.47	278.6	28.91	47.3	49.6
MS-10	58	2023-11-22 01:00:00	0.084	0.68	278.1	29.11	51.9	41
MS-12	58	2023-11-22 01:00:00	0.075	1.89	340.3	28.99	48.3	48.1
MS-10	58	2023-11-22 02:00:00	0.064	0.68	307.1	29.1	50.6	42.3
MS-09	58	2023-11-22 02:00:00	0.061	2.1	39.9	28.93	55.3	34
MS-11	58	2023-11-22 02:00:00	0.092	1.24	242.7	28.67	54	34
MS-08	58	2023-11-22 02:00:00	0.139	1.54	277.5	28.9	44.4	54.3
MS-12	58	2023-11-22 02:00:00	0.081	3.04	336.3	28.98	46.4	50.6
MS-08	58	2023-11-22 03:00:00	0.124	1.55	277.1	28.89	42.6	57.5
MS-06	58	2023-11-22 03:00:00	0.055	3.85	29.1	29.03	58.7	29.9
MS-10	58	2023-11-22 03:00:00	0.092	0.77	342	29.08	49.8	47.4
MS-09	58	2023-11-22 03:00:00	0.04	1.9	39.1	28.92	55.4	32.6
MS-12	58	2023-11-22 03:00:00	0.074	3.05	335.3	28.97	45.4	52
MS-11	58	2023-11-22 03:00:00	0.074	1.19	213.7	28.65	53.6	34.1
MS-06	58	2023-11-22 04:00:00	0.047	3.78	63.8	29.03	58.3	30
MS-10	58	2023-11-22 04:00:00	0.087	0.7	333.8	29.08	50.4	45.6
MS-12	58	2023-11-22 04:00:00	0.07	3.21	333.4	28.97	44.9	52.2
MS-08	58	2023-11-22 04:00:00	0.118	1.52	280.8	28.88	42.1	58
MS-11	58	2023-11-22 04:00:00	0.043	1.79	223.1	28.65	54.4	33.1
MS-12	58	2023-11-22 05:00:00	0.078	3.16	332.1	28.96	43.2	56
MS-08	58	2023-11-22 05:00:00	0.122	1.49	278.9	28.88	41.5	59.7
MS-10	58	2023-11-22 05:00:00	0.078	0.75	312	29.08	50.4	44.8
MS-08	58	2023-11-22 06:00:00	0.116	1.66	278.3	28.89	41.5	59.7
MS-12	58	2023-11-22 06:00:00	0.08	3.34	332.7	28.97	43.3	56.3
MS-10	58	2023-11-22 06:00:00	0.044	0.71	314.6	29.08	50.8	43.5

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	58	2023-11-22 07:00:00	0.045	1.1	327.1	29.09	57.7	35.8
MS-08	58	2023-11-22 07:00:00	0.13	1.81	252.8	28.89	43.5	58.2
MS-12	58	2023-11-22 07:00:00	0.091	2.97	333.1	28.97	44.5	57.2
MS-09	58	2023-11-22 07:00:00	0.044	2.3	7.5	28.92	54.8	36.7
MS-08	58	2023-11-22 08:00:00	0.113	1.98	127.6	28.89	57.2	38.9
MS-12	58	2023-11-22 08:00:00	0.065	2.76	306.1	28.97	60.1	34.6
MS-08	59	2023-11-22 17:00:00	0.07	1.82	268.8	28.68	57.2	35.4
MS-11	59	2023-11-22 17:00:00	0.035	1.14	250.9	28.43	61.3	27
MS-12	59	2023-11-22 18:00:00	0.041	3.12	342.2	28.76	55.9	36.5
MS-11	59	2023-11-22 18:00:00	0.07	1.2	196	28.44	58.7	28.6
MS-08	59	2023-11-22 18:00:00	0.07	2.27	261.4	28.68	52.1	41.2
MS-06	59	2023-11-22 19:00:00	0.062	1.48	292.5	28.82	58.4	31.3
MS-12	59	2023-11-22 19:00:00	0.057	3.45	342.1	28.76	53.2	41.1
MS-10	59	2023-11-22 19:00:00	0.071	0.69	61.7	28.87	55.9	38.2
MS-11	59	2023-11-22 19:00:00	0.071	1.02	215.4	28.44	58	29.9
MS-08	59	2023-11-22 19:00:00	0.096	2.02	256	28.68	50.5	45.2
MS-09	59	2023-11-22 19:00:00	0.046	2.06	320.3	28.7	54.3	38.4
MS-07	59	2023-11-22 20:00:00	0.052	4.77	1.1	28.69	55	37.3
MS-12	59	2023-11-22 20:00:00	0.085	3.68	343.2	28.75	52.2	44.8
MS-06	59	2023-11-22 20:00:00	0.125	1.48	302	28.81	56.2	37.6
MS-11	59	2023-11-22 20:00:00	0.094	1.1	180.1	28.43	56.3	32.7
MS-10	59	2023-11-22 20:00:00	0.097	0.67	349	28.86	53.7	42.6
MS-08	59	2023-11-22 20:00:00	0.128	2.14	259.3	28.67	49.9	48.6
MS-09	59	2023-11-22 20:00:00	0.068	1.47	346.3	28.7	53.4	42
MS-11	59	2023-11-22 21:00:00	0.088	1.26	194.3	28.42	55.5	34
MS-12	59	2023-11-22 21:00:00	0.095	3.8	351.1	28.74	51.4	46.7
MS-09	59	2023-11-22 21:00:00	0.092	1.52	327	28.69	51.3	47.2
MS-07	59	2023-11-22 21:00:00	0.061	3.37	346	28.69	54.3	39.3
MS-08	59	2023-11-22 21:00:00	0.142	1.93	260.4	28.66	48.5	52.2
MS-06	59	2023-11-22 21:00:00	0.15	1.75	265.6	28.8	53.6	42.2
MS-10	59	2023-11-22 21:00:00	0.118	0.67	345.6	28.85	52	47.3
MS-08	59	2023-11-22 22:00:00	0.179	1.61	258.6	28.65	47.9	56.4
MS-10	59	2023-11-22 22:00:00	0.167	0.67	247.2	28.84	50.9	52
MS-07	59	2023-11-22 22:00:00	0.062	3.46	13.5	28.67	53.5	40.8
MS-11	59	2023-11-22 22:00:00	0.089	1.15	197	28.41	55.7	34.7
MS-09	59	2023-11-22 22:00:00	0.087	1.59	356	28.67	50.9	47.1
MS-06	59	2023-11-22 22:00:00	0.17	1.54	260	28.79	52.1	45.7
MS-12	59	2023-11-22 22:00:00	0.107	3.41	342.6	28.73	50.2	50
MS-06	59	2023-11-22 23:00:00	0.184	1.9	269.7	28.77	51.4	48.7
MS-08	59	2023-11-22 23:00:00	0.215	1.71	253.4	28.63	47	59.8
MS-07	59	2023-11-22 23:00:00	0.068	3.1	5	28.65	53.1	42.1
MS-10	59	2023-11-22 23:00:00	0.173	0.67	297.3	28.82	50.1	54.6

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	59	2023-11-22 23:00:00	0.117	3.38	341.8	28.71	49.7	51.2
MS-09	59	2023-11-22 23:00:00	0.093	1.27	324.4	28.65	50.1	49.5
MS-11	59	2023-11-22 23:00:00	0.213	1.41	189.9	28.39	54.4	39.5
MS-06	59	2023-11-23 00:00:00	0.195	1.79	268.7	28.74	50.1	52.3
MS-07	59	2023-11-23 00:00:00	0.073	4.07	348	28.62	51.6	44.9
MS-12	59	2023-11-23 00:00:00	0.128	2.56	332.9	28.68	48.5	54.4
MS-08	59	2023-11-23 00:00:00	0.176	1.57	259.2	28.6	46.1	59.2
MS-09	59	2023-11-23 00:00:00	0.097	2	340.6	28.63	49	52.2
MS-11	59	2023-11-23 00:00:00	0.125	1.69	192.8	28.36	55.5	36.1
MS-10	59	2023-11-23 00:00:00	0.175	0.67	327.4	28.79	49	57.4
MS-11	59	2023-11-23 01:00:00	0.135	1.61	182.4	28.34	53.9	39.2
MS-09	59	2023-11-23 01:00:00	0.089	1.67	351.1	28.61	48.2	53.1
MS-08	59	2023-11-23 01:00:00	0.162	1.67	255.3	28.59	46.1	59.1
MS-12	59	2023-11-23 01:00:00	0.141	2.9	337.6	28.67	47.3	58
MS-10	59	2023-11-23 01:00:00	0.178	0.67	341.1	28.78	48	59.6
MS-06	59	2023-11-23 01:00:00	0.196	1.87	270.3	28.73	49.5	53.7
MS-07	59	2023-11-23 01:00:00	0.073	4.71	355.2	28.61	50.4	46.9
MS-11	59	2023-11-23 02:00:00	0.11	1.6	4.1	28.33	52.2	43
MS-09	59	2023-11-23 02:00:00	0.085	1.95	357.1	28.6	47.7	53.6
MS-10	59	2023-11-23 02:00:00	0.171	0.73	21.3	28.77	47.5	60.9
MS-12	59	2023-11-23 02:00:00	0.133	3.93	346.7	28.65	47.7	56.7
MS-08	59	2023-11-23 02:00:00	0.16	1.86	261.4	28.57	46	59.2
MS-07	59	2023-11-23 02:00:00	0.07	6.63	2.4	28.59	50.1	47.3
MS-06	59	2023-11-23 02:00:00	0.199	1.8	268	28.71	48.6	55.8
MS-11	59	2023-11-23 03:00:00	0.151	1.44	194.4	28.32	50.9	46.2
MS-08	59	2023-11-23 03:00:00	0.14	1.83	266.3	28.56	46.6	58.3
MS-09	59	2023-11-23 03:00:00	0.084	1.68	21.3	28.59	48.2	53.4
MS-07	59	2023-11-23 03:00:00	0.07	3.07	344.4	28.58	49.6	48.7
MS-10	59	2023-11-23 03:00:00	0.16	0.67	27.9	28.75	46.6	62.8
MS-12	59	2023-11-23 03:00:00	0.144	2.42	335.3	28.64	46.8	60.6
MS-06	59	2023-11-23 03:00:00	0.195	1.63	260.6	28.7	47.5	58.1
MS-06	59	2023-11-23 04:00:00	0.179	2.01	273.4	28.69	47.4	57.6
MS-10	59	2023-11-23 04:00:00	0.168	0.67	1.3	28.74	46.2	65.2
MS-11	59	2023-11-23 04:00:00	0.046	2.08	108.6	28.3	53.7	38.3
MS-09	59	2023-11-23 04:00:00	0.094	1.35	330.7	28.58	46.8	57.8
MS-07	59	2023-11-23 04:00:00	0.074	4.94	349.1	28.57	49.3	50.2
MS-12	59	2023-11-23 04:00:00	0.148	3.14	339.1	28.63	45.4	63.7
MS-08	59	2023-11-23 04:00:00	0.157	1.34	249.9	28.55	44.8	63.5
MS-06	59	2023-11-23 05:00:00	0.166	1.6	262.3	28.68	47.5	57.1
MS-10	59	2023-11-23 05:00:00	0.155	0.67	19.9	28.74	45.5	66.4
MS-12	59	2023-11-23 05:00:00	0.119	3.17	352	28.62	46.5	59.2
MS-07	59	2023-11-23 05:00:00	0.069	6.33	12.4	28.56	48.3	51.4

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	59	2023-11-23 05:00:00	0.131	2	267.6	28.54	44.6	62.3
MS-11	59	2023-11-23 05:00:00	0.136	1.28	138.1	28.3	49.7	48.8
MS-09	59	2023-11-23 05:00:00	0.088	2.13	7.2	28.57	46	59.2
MS-06	59	2023-11-23 06:00:00	0.148	1.53	261.7	28.7	45.3	60.8
MS-10	59	2023-11-23 06:00:00	0.149	0.67	27.6	28.75	43.8	70.9
MS-08	59	2023-11-23 06:00:00	0.12	1.35	264.2	28.55	43.1	64.6
MS-11	59	2023-11-23 06:00:00	0.108	2.94	129.9	28.31	50.2	45.5
MS-12	59	2023-11-23 06:00:00	0.13	2.08	331.1	28.63	43.3	66.4
MS-09	59	2023-11-23 06:00:00	0.084	1.6	25.5	28.58	45.2	60.6
MS-07	59	2023-11-23 06:00:00	0.066	2.36	294.5	28.58	47.3	53.6
MS-10	59	2023-11-23 07:00:00	0.152	0.77	20.4	28.75	47.8	64.9
MS-09	59	2023-11-23 07:00:00	0.083	2.08	323.7	28.58	46.7	58.7
MS-06	59	2023-11-23 07:00:00	0.15	2.32	318.6	28.7	49.4	55.4
MS-08	59	2023-11-23 07:00:00	0.131	1.43	251.5	28.56	44.2	64.4
MS-11	59	2023-11-23 07:00:00	0.071	2.23	40.2	28.31	53.6	42.2
MS-12	59	2023-11-23 07:00:00	0.115	2.92	358	28.64	46.2	61.2
MS-07	59	2023-11-23 07:00:00	0.067	6.35	6.8	28.58	48.8	52.2
MS-12	59	2023-11-23 08:00:00	0.099	1.64	358.1	28.63	54.2	46.4
MS-11	59	2023-11-23 08:00:00	0.118	2.57	80.6	28.31	54.2	44
MS-10	59	2023-11-23 08:00:00	0.124	0.95	134.2	28.74	53.4	52.1
MS-06	59	2023-11-23 08:00:00	0.151	2.14	99.2	28.69	54	48.2
MS-07	59	2023-11-23 08:00:00	0.08	3.16	115.3	28.57	54.5	46.5
MS-08	59	2023-11-23 08:00:00	0.152	1.75	243.8	28.55	51.5	51.8
MS-09	59	2023-11-23 08:00:00	0.099	1.1	73.6	28.57	53.6	49.6
MS-07	59	2023-11-23 09:00:00	0.065	3.4	108.1	28.56	60.8	36.8
MS-12	59	2023-11-23 09:00:00	0.07	1.56	182.1	28.62	62.5	33.9
MS-10	59	2023-11-23 09:00:00	0.061	0.8	49.9	28.73	62.3	36.9
MS-08	59	2023-11-23 09:00:00	0.116	1.53	195.9	28.54	61.1	35.7
MS-11	59	2023-11-23 09:00:00	0.076	2.07	21.9	28.3	62.5	33.7
MS-09	59	2023-11-23 09:00:00	0.107	1.91	173.3	28.57	60.1	39.6
MS-06	59	2023-11-23 09:00:00	0.106	2.12	99.8	28.68	60.4	36.8
MS-12	59	2023-11-23 10:00:00	0.035	2.42	170.6	28.59	68.7	26.4
MS-07	59	2023-11-23 10:00:00	0.034	3.71	136.3	28.54	67.3	27.7
MS-11	59	2023-11-23 10:00:00	0.067	1.88	9.7	28.28	68.6	26.9
MS-09	59	2023-11-23 10:00:00	0.065	1.92	171.4	28.54	67.4	28
MS-08	59	2023-11-23 10:00:00	0.069	1.62	168.2	28.52	68.2	28.9
MS-09	59	2023-11-23 11:00:00	0.054	2.21	153.2	28.5	73	24.1
MS-11	59	2023-11-23 12:00:00	0.063	4.55	151.8	28.22	72.2	24.9
MS-09	59	2023-11-23 12:00:00	0.046	4.77	198.7	28.48	73.8	23.1
MS-09	59	2023-11-23 13:00:00	0.071	4.78	216.7	28.46	73.7	25.8
MS-08	59	2023-11-23 13:00:00	0.058	3.47	263.8	28.44	73.6	25.7
MS-06	59	2023-11-23 13:00:00	0.066	5.72	246.3	28.57	73.8	25.3

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	59	2023-11-23 13:00:00	0.068	4.05	183.4	28.51	74.5	25.7
MS-07	59	2023-11-23 13:00:00	0.052	7.81	245.1	28.46	72.5	26.6
MS-10	59	2023-11-23 13:00:00	0.05	4.88	223.1	28.62	74.3	25.9
MS-11	59	2023-11-23 13:00:00	0.225	5.76	186.6	28.2	70.8	31.3
MS-06	59	2023-11-23 14:00:00	0.131	5.81	256.5	28.56	72.6	29.2
MS-10	59	2023-11-23 14:00:00	0.118	4.42	231.3	28.6	73.2	29.8
MS-08	59	2023-11-23 14:00:00	0.121	3.37	245.4	28.43	72.2	28.8
MS-09	59	2023-11-23 14:00:00	0.085	4.81	229	28.44	72.2	29.4
MS-11	59	2023-11-23 14:00:00	0.481	8.08	130.2	28.19	68.8	44.2
MS-07	59	2023-11-23 14:00:00	0.069	7.8	247.7	28.44	71	30.6
MS-12	59	2023-11-23 14:00:00	0.117	4.15	170.3	28.5	73.1	29.3
MS-10	59	2023-11-23 15:00:00	0.133	4.1	238	28.61	70.9	32.4
MS-07	59	2023-11-23 15:00:00	0.078	8.37	271.9	28.46	68.2	35.5
MS-11	59	2023-11-23 15:00:00	0.545	7	134.1	28.2	66.7	51.1
MS-06	59	2023-11-23 15:00:00	0.154	7.15	258.6	28.57	70.1	32.6
MS-12	59	2023-11-23 15:00:00	0.145	2.81	228.8	28.51	70.5	33.1
MS-09	59	2023-11-23 15:00:00	0.084	5.34	233.5	28.46	69.7	32.3
MS-08	59	2023-11-23 15:00:00	0.166	2.96	270.3	28.44	69.2	33.5
MS-12	59	2023-11-23 16:00:00	0.189	2.24	221.9	28.53	64.2	43.8
MS-09	59	2023-11-23 16:00:00	0.099	4.54	236.1	28.48	64.3	41.1
MS-10	59	2023-11-23 16:00:00	0.163	3.56	243	28.63	65.4	40.7
MS-08	59	2023-11-23 16:00:00	0.25	2.69	263.1	28.46	63.4	44.5
MS-07	59	2023-11-23 16:00:00	0.088	7.84	272.4	28.48	63.5	45.3
MS-11	59	2023-11-23 16:00:00	0.61	3.82	187.5	28.22	62.9	62.5
MS-06	59	2023-11-23 16:00:00	0.207	6.03	259.6	28.59	65	41.9
MS-07	59	2023-11-23 17:00:00	0.089	4.87	272	28.49	59.4	57.3
MS-10	59	2023-11-23 17:00:00	0.212	1.43	234.9	28.65	61	51.1
MS-11	59	2023-11-23 17:00:00	0.462	3.15	221.2	28.22	58.8	61
MS-06	59	2023-11-23 17:00:00	0.265	2.89	267.7	28.6	59.6	54.8
MS-09	59	2023-11-23 17:00:00	0.11	1.56	298.9	28.49	59.1	51
MS-08	59	2023-11-23 17:00:00	0.282	2.17	247.4	28.47	56.5	57.7
MS-12	59	2023-11-23 17:00:00	0.22	1.6	21.6	28.54	58.4	55.6
MS-12	59	2023-11-23 18:00:00	0.227	2.31	338	28.55	52.9	67.5
MS-06	59	2023-11-23 18:00:00	0.265	2.35	278.7	28.61	56	62.1
MS-07	59	2023-11-23 18:00:00	0.08	3.26	335.2	28.49	56.3	62.5
MS-11	59	2023-11-23 18:00:00	0.464	1.33	205.3	28.23	54.8	72.2
MS-08	59	2023-11-23 18:00:00	0.298	2.25	255	28.47	50.9	71.1
MS-10	59	2023-11-23 18:00:00	0.227	0.68	319.1	28.66	55.5	61.7
MS-09	59	2023-11-23 18:00:00	0.116	2.01	7.9	28.49	53.4	63.5
MS-11	59	2023-11-23 19:00:00	0.419	1.79	219.7	28.25	54	73.4
MS-12	59	2023-11-23 19:00:00	0.217	1.99	341.1	28.57	49.8	73.2
MS-10	59	2023-11-23 19:00:00	0.182	0.67	31.5	28.68	51.5	66.6

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	59	2023-11-23 19:00:00	0.254	1.77	286.4	28.63	52.2	69.9
MS-07	59	2023-11-23 19:00:00	0.074	3.2	346.3	28.51	53.5	67.1
MS-08	59	2023-11-23 19:00:00	0.28	1.53	244.2	28.49	48.3	76.4
MS-09	59	2023-11-23 19:00:00	0.111	1.8	0.9	28.51	51.4	68.3
MS-07	59	2023-11-23 20:00:00	0.07	2.1	328.3	28.53	52	71.4
MS-10	59	2023-11-23 20:00:00	0.173	0.68	34.7	28.71	49.8	71
MS-06	59	2023-11-23 20:00:00	0.239	2.14	273.5	28.65	50.2	74.8
MS-09	59	2023-11-23 20:00:00	0.101	1.87	0.5	28.54	49.6	71.8
MS-08	59	2023-11-23 20:00:00	0.259	1.77	252.2	28.51	46.4	80.4
MS-12	59	2023-11-23 20:00:00	0.2	2.26	336.8	28.59	47.1	78.7
MS-11	59	2023-11-23 20:00:00	0.38	1.47	194.6	28.27	53.6	73.2
MS-07	59	2023-11-23 21:00:00	0.064	3.61	350.5	28.54	49.8	75.1
MS-08	59	2023-11-23 21:00:00	0.248	1.76	263	28.52	45.9	82.2
MS-12	59	2023-11-23 21:00:00	0.2	2.36	341.5	28.6	47.1	79.7
MS-09	59	2023-11-23 21:00:00	0.094	2.23	10.9	28.55	47.8	75.4
MS-06	59	2023-11-23 21:00:00	0.227	2.06	270.2	28.66	48.8	77.4
MS-11	59	2023-11-23 21:00:00	0.378	1.64	196	28.28	50.9	83.3
MS-10	59	2023-11-23 21:00:00	0.163	0.67	348.3	28.71	48.1	75.3
MS-11	59	2023-11-23 22:00:00	0.388	2.17	62.7	28.27	52	83
MS-08	59	2023-11-23 22:00:00	0.25	2.12	258.7	28.52	45.2	84.9
MS-09	59	2023-11-23 22:00:00	0.085	2.35	17.7	28.54	46.9	78.3
MS-06	59	2023-11-23 22:00:00	0.207	2.01	272.4	28.66	48	78.7
MS-10	59	2023-11-23 22:00:00	0.156	0.67	274.8	28.71	47.1	78.4
MS-12	59	2023-11-23 22:00:00	0.193	2.7	351.9	28.6	46.8	81
MS-07	59	2023-11-23 22:00:00	0.055	5.11	352.2	28.54	49.4	76.7
MS-06	59	2023-11-23 23:00:00	0.182	1.69	280.6	28.66	46.4	81.7
MS-08	59	2023-11-23 23:00:00	0.247	2.29	262.3	28.52	44.9	87.3
MS-11	59	2023-11-23 23:00:00	0.31	1.03	200.8	28.27	48.7	88.7
MS-07	59	2023-11-23 23:00:00	0.049	3.27	1.5	28.54	47.9	80.6
MS-09	59	2023-11-23 23:00:00	0.097	2.51	27.5	28.54	47	84.3
MS-12	59	2023-11-23 23:00:00	0.174	1.72	332.6	28.6	44.5	84.2
MS-10	59	2023-11-23 23:00:00	0.148	0.67	295.5	28.71	46.7	80.9
MS-06	59	2023-11-24 00:00:00	0.188	1.5	269.1	28.66	47.1	82.9
MS-09	59	2023-11-24 00:00:00	0.096	2.08	32.5	28.54	47.1	87.4
MS-07	59	2023-11-24 00:00:00	0.045	1.63	308	28.54	48.2	82.2
MS-11	59	2023-11-24 00:00:00	0.32	1.08	202.6	28.27	50.2	88.2
MS-10	59	2023-11-24 00:00:00	0.163	0.68	225.1	28.71	47.5	82.5
MS-12	59	2023-11-24 00:00:00	0.171	1.43	321.4	28.59	43.6	88.3
MS-08	59	2023-11-24 00:00:00	0.244	1.61	252.4	28.51	44.9	89.3
MS-10	59	2023-11-24 01:00:00	0.168	0.67	221.9	28.72	46.9	85.2
MS-07	59	2023-11-24 01:00:00	0.039	2.8	346.7	28.54	48	84.1
MS-08	59	2023-11-24 01:00:00	0.266	1.22	241.3	28.52	46	90.1



Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	59	2023-11-24 01:00:00	0.182	1.73	262.5	28.66	47.9	80.7
MS-12	59	2023-11-24 01:00:00	0.194	2.11	336	28.6	46.3	88
MS-11	59	2023-11-24 01:00:00	0.284	0.89	149.4	28.28	49.9	87.5
MS-09	59	2023-11-24 01:00:00	0.09	1.35	20.8	28.55	47.4	88.2
MS-09	59	2023-11-24 02:00:00	0.079	1.19	7.3	28.55	45.6	90.7
MS-06	59	2023-11-24 02:00:00	0.166	1.85	273.2	28.67	46.4	85.6
MS-10	59	2023-11-24 02:00:00	0.153	0.67	7.7	28.72	45.9	88.2
MS-12	59	2023-11-24 02:00:00	0.173	1.95	328.8	28.6	44.4	90.5
MS-11	59	2023-11-24 02:00:00	0.236	1.18	158.5	28.28	48.7	89.8
MS-07	59	2023-11-24 02:00:00	0.033	1.89	319.6	28.55	47.2	87.5
MS-08	59	2023-11-24 02:00:00	0.212	1.67	248.9	28.52	43.5	92
MS-08	59	2023-11-24 03:00:00	0.167	1.6	249.8	28.52	42.1	93.4
MS-12	59	2023-11-24 03:00:00	0.157	2.47	340.8	28.61	43.2	91.9
MS-10	59	2023-11-24 03:00:00	0.138	0.67	11.7	28.72	44.6	91.1
MS-09	59	2023-11-24 03:00:00	0.068	1.33	331.8	28.55	44.7	92
MS-11	59	2023-11-24 03:00:00	0.189	0.87	27.2	28.28	47	91.9
MS-06	59	2023-11-24 03:00:00	0.146	1.7	275	28.67	45.1	88.3
MS-11	59	2023-11-24 04:00:00	0.158	1.69	146.6	28.29	47.3	92.9
MS-06	59	2023-11-24 04:00:00	0.134	1.6	273.3	28.68	44.7	90.2
MS-08	59	2023-11-24 04:00:00	0.136	1.31	257	28.53	41.3	93.9
MS-10	59	2023-11-24 04:00:00	0.133	0.67	357.1	28.73	44.4	92.9
MS-12	59	2023-11-24 04:00:00	0.136	2.05	335.8	28.61	42.3	92.7
MS-09	59	2023-11-24 04:00:00	0.059	0.9	331.8	28.56	44	92
MS-08	59	2023-11-24 05:00:00	0.117	1.41	257.3	28.55	41.1	94
MS-10	59	2023-11-24 05:00:00	0.106	0.67	348.9	28.75	43.5	93.8
MS-06	59	2023-11-24 05:00:00	0.112	1.99	285.7	28.69	44.3	91.3
MS-12	59	2023-11-24 05:00:00	0.127	2.89	345.9	28.63	42.3	93.5
MS-09	59	2023-11-24 05:00:00	0.045	1.36	343.5	28.58	42.9	92.5
MS-11	59	2023-11-24 05:00:00	0.162	1.39	345.7	28.3	47.7	91.4
MS-10	59	2023-11-24 06:00:00	0.063	0.67	1.5	28.76	41.6	93.9
MS-11	59	2023-11-24 06:00:00	0.078	1.33	185.9	28.32	44.9	94.4
MS-08	59	2023-11-24 06:00:00	0.075	1.57	252.8	28.56	39.4	94.3
MS-12	59	2023-11-24 06:00:00	0.106	2.52	345.1	28.64	40.7	93.4
MS-06	59	2023-11-24 06:00:00	0.115	1.75	257.3	28.71	44.3	88.5
MS-12	59	2023-11-24 07:00:00	0.106	2.12	342.7	28.66	41.4	94.5
MS-11	59	2023-11-24 07:00:00	0.117	1.7	88.6	28.34	49	89.1
MS-06	59	2023-11-24 07:00:00	0.121	1.7	30.8	28.73	46.1	88.6
MS-10	59	2023-11-24 07:00:00	0.093	0.77	1	28.78	45.1	89.8
MS-08	59	2023-11-24 07:00:00	0.101	1.23	231.7	28.58	40.8	95.2
MS-10	59	2023-11-24 08:00:00	0.113	1.3	193.6	28.8	52.4	76.3
MS-09	59	2023-11-24 08:00:00	0.045	1.33	250	28.63	51.4	76.8
MS-11	59	2023-11-24 08:00:00	0.073	2.07	26.2	28.36	53.9	72.1

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	59	2023-11-24 08:00:00	0.127	2.16	123.7	28.74	52	77
MS-12	59	2023-11-24 08:00:00	0.163	1.72	61.2	28.68	51.4	80.5
MS-08	59	2023-11-24 08:00:00	0.162	2.88	239.5	28.6	46.2	88.1
MS-12	59	2023-11-24 09:00:00	0.139	2.9	167.7	28.69	56.3	65.5
MS-08	59	2023-11-24 09:00:00	0.158	2.24	167.3	28.62	55.8	65.5
MS-10	59	2023-11-24 09:00:00	0.105	1.81	186.6	28.81	58	63
MS-06	59	2023-11-24 09:00:00	0.117	2.61	122.2	28.76	56.8	65.3
MS-09	59	2023-11-24 09:00:00	0.049	2.96	187.4	28.64	56.2	67.1
MS-12	59	2023-11-24 10:00:00	0.066	3	175.9	28.68	62.3	46
MS-08	59	2023-11-24 10:00:00	0.096	3	160.7	28.61	60.8	49.1
MS-06	60	2023-11-24 15:00:00	0.03	7.11	244.1	28.68	65.5	41.7
MS-12	60	2023-11-24 15:00:00	0.038	2.92	223.8	28.62	65.8	42.1
MS-08	60	2023-11-24 16:00:00	0.178	3	253.5	28.57	59.7	61.1
MS-06	60	2023-11-24 16:00:00	0.114	7.56	248.5	28.7	61.2	59.5
MS-11	60	2023-11-24 16:00:00	0.095	5.14	245.8	28.32	59.2	63.3
MS-10	60	2023-11-24 16:00:00	0.109	4.26	241.8	28.75	61.4	58.5
MS-12	60	2023-11-24 16:00:00	0.125	3.22	184.2	28.64	60.5	60.7
MS-11	60	2023-11-24 17:00:00	0.125	5.89	225.7	28.34	56.3	70.6
MS-08	60	2023-11-24 17:00:00	0.142	2.63	276	28.59	57	62.2
MS-10	60	2023-11-24 17:00:00	0.11	3.65	229.1	28.78	58.7	63.2
MS-06	60	2023-11-24 17:00:00	0.11	6.87	244.3	28.73	58.6	63.4
MS-12	60	2023-11-24 17:00:00	0.113	2.58	143.9	28.67	57.5	64
MS-06	60	2023-11-24 18:00:00	0.066	2.1	275.5	28.74	54.5	64.8
MS-08	60	2023-11-24 18:00:00	0.071	1.56	247.7	28.6	50.2	68.8
MS-12	60	2023-11-24 18:00:00	0.071	1.52	343.7	28.68	50.3	72
MS-11	60	2023-11-24 18:00:00	0.032	2.56	184.8	28.36	54.2	67.3
MS-10	60	2023-11-24 18:00:00	0.083	1.14	303.5	28.8	55.4	66.6
MS-08	60	2023-11-24 19:00:00	0.035	2.45	256.6	28.62	45.8	77.1
MS-10	60	2023-11-24 19:00:00	0.071	0.69	5.8	28.82	50.6	75.8
MS-12	60	2023-11-24 19:00:00	0.06	2.94	352.9	28.7	48.5	74.7
MS-11	60	2023-11-24 19:00:00	0.043	0.93	203.6	28.38	50.7	76.4
MS-06	60	2023-11-24 19:00:00	0.042	1.92	269.3	28.76	50.2	70.5
MS-06	60	2023-11-24 20:00:00	0.03	1.57	266	28.78	47.3	75.8
MS-08	60	2023-11-24 20:00:00	0.037	2.2	254.1	28.64	44.5	81.3
MS-11	60	2023-11-24 20:00:00	0.043	0.85	205	28.39	48.5	82.1
MS-10	60	2023-11-24 20:00:00	0.051	0.67	346	28.83	47.9	80.6
MS-12	60	2023-11-24 20:00:00	0.052	2.51	341.4	28.72	46.6	77.8
MS-12	60	2023-11-24 21:00:00	0.04	1.85	329.6	28.73	44	82.2
MS-10	60	2023-11-24 21:00:00	0.032	0.67	327	28.85	46.4	81.7
MS-10	61	2023-11-27 00:00:00	0.164	0.79	358	28.96	48.8	46.9
MS-10	61	2023-11-27 01:00:00	0.08	0.74	323.7	28.95	48.3	42
MS-10	61	2023-11-27 02:00:00	0.053	0.69	325.4	28.94	49.4	40.3

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	61	2023-11-27 03:00:00	0.033	0.67	339	28.94	48.1	41.9
MS-10	62	2023-11-27 19:00:00	0.038	0.67	328.1	28.99	48.5	38.5
MS-10	62	2023-11-27 20:00:00	0.035	0.67	333.4	29	47	41.8
MS-10	63	2023-11-27 23:00:00	0.04	0.7	316.4	29.03	52.5	35.3
MS-08	63	2023-11-27 23:00:00	0.066	1.65	263.9	28.84	46.2	40
MS-08	63	2023-11-28 00:00:00	0.072	1.93	263.6	28.83	44.5	43.3
MS-12	63	2023-11-28 00:00:00	0.044	2.14	335.9	28.91	47.8	38.4
MS-10	63	2023-11-28 00:00:00	0.181	0.68	163.1	29.02	50.8	39.5
MS-11	63	2023-11-28 01:00:00	0.041	2.18	224.1	28.58	51.1	32.3
MS-10	63	2023-11-28 01:00:00	0.121	0.67	326.5	29.02	47.3	44.6
MS-08	63	2023-11-28 01:00:00	0.078	2.03	268.6	28.82	43.8	44.3
MS-12	63	2023-11-28 01:00:00	0.069	2.27	331.8	28.9	44.9	44.2
MS-10	63	2023-11-28 02:00:00	0.132	0.67	16.6	29.02	45.5	49.1
MS-08	63	2023-11-28 02:00:00	0.077	1.47	269.6	28.82	43.7	45.3
MS-11	63	2023-11-28 02:00:00	0.048	1.66	218	28.58	50.6	32.5
MS-12	63	2023-11-28 02:00:00	0.062	2.81	334	28.9	44.5	44.6
MS-08	63	2023-11-28 03:00:00	0.104	1.49	263.6	28.81	42.5	48.7
MS-10	63	2023-11-28 03:00:00	0.112	0.67	268.8	29.01	44.4	50
MS-06	63	2023-11-28 03:00:00	0.061	1.86	280.7	28.96	45.9	40.4
MS-09	63	2023-11-28 03:00:00	0.046	1.12	5.5	28.84	45.7	42.1
MS-12	63	2023-11-28 03:00:00	0.088	2.22	330.2	28.89	42.8	49.2
MS-11	63	2023-11-28 03:00:00	0.081	1.48	167.4	28.57	50.1	33.5
MS-10	63	2023-11-28 04:00:00	0.119	0.67	185.5	29.01	43.6	54
MS-06	63	2023-11-28 04:00:00	0.079	1.32	276.6	28.95	45.1	42.7
MS-09	63	2023-11-28 04:00:00	0.053	1.81	1.1	28.84	45	44
MS-12	63	2023-11-28 04:00:00	0.1	2.07	329.4	28.89	41.8	52.5
MS-08	63	2023-11-28 04:00:00	0.126	1.11	256.9	28.81	41.9	51.6
MS-11	63	2023-11-28 04:00:00	0.088	1.39	201.4	28.57	49.8	34.3
MS-08	63	2023-11-28 05:00:00	0.112	1.65	261.5	28.82	40	53
MS-09	63	2023-11-28 05:00:00	0.064	1.57	351.2	28.84	43.6	47
MS-06	63	2023-11-28 05:00:00	0.088	1.62	271.4	28.96	42.2	47.3
MS-11	63	2023-11-28 05:00:00	0.105	1.41	204	28.57	47.4	37.4
MS-12	63	2023-11-28 05:00:00	0.101	2.34	325.2	28.9	39.8	55.9
MS-10	63	2023-11-28 05:00:00	0.131	0.67	273.7	29.02	41.5	59.4
MS-06	63	2023-11-28 06:00:00	0.088	1.89	279.6	28.97	39.3	52.5
MS-09	63	2023-11-28 06:00:00	0.062	1.8	5.8	28.85	40.7	50.8
MS-11	63	2023-11-28 06:00:00	0.076	1.64	207.2	28.58	46.5	38.4
MS-12	63	2023-11-28 06:00:00	0.073	2.29	327.4	28.91	37.4	57.9
MS-08	63	2023-11-28 06:00:00	0.085	1.86	264.8	28.83	38.4	53.8
MS-10	63	2023-11-28 06:00:00	0.126	0.67	307.5	29.03	39.3	64.8
MS-10	63	2023-11-28 07:00:00	0.097	0.67	28.8	29.04	43.2	55.7
MS-12	63	2023-11-28 07:00:00	0.074	2.25	333.5	28.92	39.3	56

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-11	63	2023-11-28 07:00:00	0.114	1.48	155	28.59	51	34.1
MS-08	63	2023-11-28 07:00:00	0.111	1.92	252.2	28.84	38.6	56.3
MS-07	63	2023-11-28 07:00:00	0.03	3.73	352.6	28.86	45.1	41.3
MS-09	63	2023-11-28 07:00:00	0.063	1.49	352	28.86	43.3	48.3
MS-06	63	2023-11-28 07:00:00	0.122	1.1	249.1	28.98	43.6	49.8
MS-11	63	2023-11-28 08:00:00	0.058	1.52	66.1	28.6	57.1	29.1
MS-08	63	2023-11-28 08:00:00	0.19	2	236.4	28.84	46.5	47.9
MS-06	63	2023-11-28 08:00:00	0.135	1.47	90.5	28.99	52.3	38.2
MS-10	63	2023-11-28 08:00:00	0.095	0.87	193.2	29.04	51.2	42.6
MS-12	63	2023-11-28 08:00:00	0.102	1.18	107.1	28.93	51.8	39.6
MS-09	63	2023-11-28 08:00:00	0.137	1.51	155.9	28.87	51.7	41.6
MS-07	63	2023-11-28 08:00:00	0.076	1.82	64.5	28.87	53.9	36.1
MS-11	63	2023-11-28 09:00:00	0.041	1.77	129.7	28.6	60.7	25.3
MS-12	63	2023-11-28 09:00:00	0.079	2.18	163.4	28.93	59.8	29.5
MS-09	63	2023-11-28 09:00:00	0.111	1.74	142.7	28.87	59.9	29.4
MS-06	63	2023-11-28 09:00:00	0.053	2	68.1	28.99	59.9	26
MS-08	63	2023-11-28 09:00:00	0.136	2	195.5	28.85	58.8	30.6
MS-10	63	2023-11-28 09:00:00	0.037	0.86	160.2	29.04	60.4	30.5
MS-08	63	2023-11-28 10:00:00	0.051	2.54	156.8	28.83	64.3	23.9
MS-09	63	2023-11-28 10:00:00	0.114	3.46	187.2	28.85	63.7	24.5
MS-09	63	2023-11-28 11:00:00	0.135	3.83	186.9	28.82	67.3	23
MS-07	63	2023-11-28 11:00:00	0.03	5.08	131.6	28.82	66.7	21.9
MS-06	63	2023-11-28 11:00:00	0.033	3.09	146.7	28.94	67.6	20.5
MS-11	63	2023-11-28 11:00:00	0.075	2.35	105	28.56	66.3	22.7
MS-08	63	2023-11-28 11:00:00	0.062	2.99	163.1	28.8	66.7	22.8
MS-07	63	2023-11-28 12:00:00	0.043	5.05	62.7	28.79	68.1	21.9
MS-06	63	2023-11-28 12:00:00	0.048	2.93	91.3	28.9	69.4	20.1
MS-09	63	2023-11-28 12:00:00	0.134	3.16	187.3	28.79	69.4	22
MS-12	63	2023-11-28 12:00:00	0.034	3.06	274.6	28.85	70	21.1
MS-11	63	2023-11-28 12:00:00	0.097	2.93	75	28.53	68.2	22.8
MS-08	63	2023-11-28 12:00:00	0.086	2.83	127.7	28.77	68.8	22.7
MS-10	63	2023-11-28 13:00:00	0.032	1.21	193.2	28.92	73.8	21.5
MS-08	63	2023-11-28 13:00:00	0.119	2.12	144.5	28.75	70.1	23
MS-12	63	2023-11-28 13:00:00	0.063	3.57	313.1	28.82	70	22.3
MS-07	63	2023-11-28 13:00:00	0.068	3.63	143.7	28.76	69.8	22.3
MS-09	63	2023-11-28 13:00:00	0.1	2.51	191.4	28.76	70.8	22.3
MS-11	63	2023-11-28 13:00:00	0.147	2.63	106.6	28.5	69.1	24
MS-06	63	2023-11-28 13:00:00	0.087	3.37	106.8	28.88	70.8	21
MS-10	63	2023-11-28 14:00:00	0.045	1.4	145.1	28.91	73.3	22.1
MS-07	63	2023-11-28 14:00:00	0.075	4.77	154.2	28.75	69	23.4
MS-08	63	2023-11-28 14:00:00	0.161	2.08	182.7	28.73	69.9	24
MS-12	63	2023-11-28 14:00:00	0.085	3.34	204.5	28.8	70.9	22.9

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-09	63	2023-11-28 14:00:00	0.119	2.32	106.6	28.74	70.9	23.6
MS-06	63	2023-11-28 14:00:00	0.112	2.83	100.2	28.86	71.1	21.9
MS-11	63	2023-11-28 14:00:00	0.141	2.5	8.3	28.48	69.4	24.1
MS-09	63	2023-11-28 15:00:00	0.128	3.24	197	28.74	69.3	25.1
MS-12	63	2023-11-28 15:00:00	0.131	2.45	204.2	28.8	69	26
MS-07	63	2023-11-28 15:00:00	0.101	5.02	261	28.74	67.5	26.7
MS-06	63	2023-11-28 15:00:00	0.149	4.01	208.5	28.86	69.7	24.3
MS-08	63	2023-11-28 15:00:00	0.208	2.26	229.7	28.72	67.2	27.7
MS-10	63	2023-11-28 15:00:00	0.056	1.72	217.6	28.9	71.5	23.8
MS-11	63	2023-11-28 15:00:00	0.236	3.02	194.4	28.48	67.1	27.4
MS-10	63	2023-11-28 16:00:00	0.139	2.64	250.9	28.91	64.1	32.4
MS-07	63	2023-11-28 16:00:00	0.128	6.56	279.2	28.75	62.2	33
MS-08	63	2023-11-28 16:00:00	0.217	3.46	255.7	28.73	62.4	32.8
MS-12	63	2023-11-28 16:00:00	0.183	2.82	181.9	28.81	62.9	33.2
MS-11	63	2023-11-28 16:00:00	0.276	3.14	249.7	28.49	61.5	34.6
MS-09	63	2023-11-28 16:00:00	0.142	3.66	237.9	28.75	62.8	32.6
MS-06	63	2023-11-28 16:00:00	0.224	6.29	262.4	28.87	63.6	32.1
MS-08	63	2023-11-28 17:00:00	0.181	1.87	247.2	28.74	57	36.5
MS-06	63	2023-11-28 17:00:00	0.184	3.91	266	28.88	59.6	33.7
MS-10	63	2023-11-28 17:00:00	0.12	0.94	304.8	28.93	58.9	36.3
MS-12	63	2023-11-28 17:00:00	0.156	1.69	354.8	28.82	56.2	38.3
MS-09	63	2023-11-28 17:00:00	0.118	2.17	327.8	28.76	57.1	37.5
MS-11	63	2023-11-28 17:00:00	0.247	3.39	230.1	28.49	58.2	36.8
MS-07	63	2023-11-28 17:00:00	0.091	5.3	252.8	28.76	59.7	32.2
MS-12	63	2023-11-28 18:00:00	0.165	2.26	337.1	28.82	49.1	48.4
MS-11	63	2023-11-28 18:00:00	0.264	1.49	205.5	28.5	53.1	43.6
MS-10	63	2023-11-28 18:00:00	0.142	0.68	24.2	28.94	52.7	45.9
MS-09	63	2023-11-28 18:00:00	0.109	2.3	12.8	28.77	50.7	45.3
MS-06	63	2023-11-28 18:00:00	0.147	2.09	270.2	28.88	52.8	39.6
MS-08	63	2023-11-28 18:00:00	0.174	2.14	252.5	28.75	48.1	48
MS-07	63	2023-11-28 18:00:00	0.081	2.45	323.1	28.77	56	36
MS-12	63	2023-11-28 19:00:00	0.151	2.73	345.4	28.83	47	50.2
MS-08	63	2023-11-28 19:00:00	0.155	2.17	254.3	28.75	44.5	52.7
MS-09	63	2023-11-28 19:00:00	0.094	2.6	29.6	28.77	47.7	49.4
MS-11	63	2023-11-28 19:00:00	0.261	1.62	198.6	28.5	52	46.3
MS-07	63	2023-11-28 19:00:00	0.081	4.48	355.8	28.77	51	41.7
MS-10	63	2023-11-28 19:00:00	0.111	0.67	44.2	28.94	48.3	51.2
MS-06	63	2023-11-28 19:00:00	0.16	2.17	261.7	28.89	49.2	45.8
MS-10	63	2023-11-28 20:00:00	0.068	0.68	25.2	28.94	45.3	53.8
MS-09	63	2023-11-28 20:00:00	0.088	2.49	32	28.77	45.5	53
MS-07	63	2023-11-28 20:00:00	0.075	4.09	346.3	28.77	47.9	46
MS-08	63	2023-11-28 20:00:00	0.142	2.36	256.8	28.74	42.6	56.2

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	63	2023-11-28 20:00:00	0.138	2.26	334.6	28.82	43.8	55.4
MS-11	63	2023-11-28 20:00:00	0.291	1.23	200.1	28.5	47.6	55
MS-06	63	2023-11-28 20:00:00	0.161	1.85	274.6	28.89	45.2	53.2
MS-08	63	2023-11-28 21:00:00	0.138	1.79	253.4	28.74	40.2	61
MS-06	63	2023-11-28 21:00:00	0.155	2.06	267	28.89	43.3	56.2
MS-10	63	2023-11-28 21:00:00	0.053	0.67	24.8	28.94	43.1	56.7
MS-07	63	2023-11-28 21:00:00	0.074	3.97	350.6	28.77	46.4	48.7
MS-09	63	2023-11-28 21:00:00	0.072	2.03	33.9	28.77	43.6	54.8
MS-11	63	2023-11-28 21:00:00	0.255	1.08	209.9	28.5	45.5	57.4
MS-12	63	2023-11-28 21:00:00	0.138	2.55	331.3	28.82	41	61.1
MS-12	63	2023-11-28 22:00:00	0.133	3.07	340.8	28.82	41.1	60.6
MS-07	63	2023-11-28 22:00:00	0.072	4.29	357.7	28.76	44.4	52.2
MS-08	63	2023-11-28 22:00:00	0.13	2.03	258.3	28.74	39.1	63.4
MS-09	63	2023-11-28 22:00:00	0.06	1.7	7.1	28.76	41.9	57.6
MS-10	63	2023-11-28 22:00:00	0.036	0.67	24.2	28.94	41.3	59.2
MS-06	63	2023-11-28 22:00:00	0.14	1.97	259.2	28.88	41.6	59.2
MS-11	63	2023-11-28 22:00:00	0.262	1.08	181.3	28.49	44.9	58.2
MS-07	63	2023-11-28 23:00:00	0.071	3.76	345.9	28.76	43.5	53.9
MS-06	63	2023-11-28 23:00:00	0.14	1.93	265.6	28.87	41.3	60.5
MS-09	63	2023-11-28 23:00:00	0.063	1.89	22.6	28.76	41.1	60.4
MS-08	63	2023-11-28 23:00:00	0.131	1.72	251.2	28.73	38.4	65.6
MS-12	63	2023-11-28 23:00:00	0.126	2.32	337.3	28.81	39.8	63.2
MS-11	63	2023-11-28 23:00:00	0.258	1.03	208.3	28.48	43.2	63.4
MS-11	63	2023-11-29 00:00:00	0.198	1.24	199.4	28.46	42.7	60.9
MS-09	63	2023-11-29 00:00:00	0.06	1.94	27.3	28.74	39.4	64.3
MS-12	63	2023-11-29 00:00:00	0.106	2.88	343	28.79	37.9	66.9
MS-06	63	2023-11-29 00:00:00	0.117	1.93	268.8	28.86	39.8	61.8
MS-08	63	2023-11-29 00:00:00	0.116	1.69	255.5	28.71	36.1	69.5
MS-07	63	2023-11-29 00:00:00	0.066	3.93	352.4	28.74	41.9	56.9
MS-06	63	2023-11-29 01:00:00	0.12	1.61	262.1	28.85	38.3	66.7
MS-11	63	2023-11-29 01:00:00	0.158	1.09	203.6	28.45	40.9	63.2
MS-12	63	2023-11-29 01:00:00	0.093	3.13	343.6	28.78	37.4	67.2
MS-09	63	2023-11-29 01:00:00	0.044	1.96	13.6	28.73	37.8	66.4
MS-08	63	2023-11-29 01:00:00	0.095	2.28	262.2	28.7	35.5	70.4
MS-07	63	2023-11-29 01:00:00	0.061	4.83	358.4	28.72	39.9	60.8
MS-07	63	2023-11-29 02:00:00	0.054	3.76	344.1	28.72	39.7	61.2
MS-12	63	2023-11-29 02:00:00	0.086	2.68	341.5	28.78	35.8	70.6
MS-11	63	2023-11-29 02:00:00	0.141	1.11	208.1	28.45	39.8	67.3
MS-06	63	2023-11-29 02:00:00	0.108	1.75	264.9	28.84	36.8	69.5
MS-09	63	2023-11-29 02:00:00	0.034	2.16	16.8	28.73	36.9	67.9
MS-08	63	2023-11-29 02:00:00	0.094	1.8	254.3	28.7	34.8	72.3
MS-12	63	2023-11-29 03:00:00	0.084	2.83	340.5	28.77	35.3	72.5

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-07	63	2023-11-29 03:00:00	0.051	4.84	1	28.71	38.3	64.1
MS-06	63	2023-11-29 03:00:00	0.099	1.61	268.4	28.84	35.8	71.1
MS-09	63	2023-11-29 03:00:00	0.03	1.69	10.9	28.72	36.2	69.7
MS-11	63	2023-11-29 03:00:00	0.112	1.07	192.1	28.44	39.9	65.7
MS-08	63	2023-11-29 03:00:00	0.089	1.48	253.2	28.69	33.8	75.2
MS-11	63	2023-11-29 04:00:00	0.103	1.24	130.5	28.44	41.5	64.2
MS-08	63	2023-11-29 04:00:00	0.104	1.29	254	28.69	35.1	74.9
MS-12	63	2023-11-29 04:00:00	0.09	3.22	341.8	28.77	36.7	70.8
MS-06	63	2023-11-29 04:00:00	0.116	1.91	297.3	28.84	37.7	69.6
MS-09	63	2023-11-29 04:00:00	0.036	1.5	347.4	28.72	36.6	70.6
MS-07	63	2023-11-29 04:00:00	0.051	4.32	6.1	28.71	38.3	65.1
MS-08	63	2023-11-29 05:00:00	0.139	0.94	222.2	28.69	39	70
MS-12	63	2023-11-29 05:00:00	0.113	1.78	331.9	28.77	39.4	68.1
MS-07	63	2023-11-29 05:00:00	0.053	2.51	0.6	28.71	40.6	61.5
MS-06	63	2023-11-29 05:00:00	0.123	1.63	290.1	28.84	41.3	63.3
MS-11	63	2023-11-29 05:00:00	0.14	1.69	121.8	28.44	43.3	62.7
MS-09	63	2023-11-29 05:00:00	0.054	1.26	161.9	28.72	39.6	67
MS-10	63	2023-11-29 05:00:00	0.042	0.67	11.8	28.89	38.9	68.5
MS-11	63	2023-11-29 06:00:00	0.066	1.81	131.6	28.44	44.4	56.9
MS-06	63	2023-11-29 06:00:00	0.122	2.05	277.2	28.84	41.3	63
MS-09	63	2023-11-29 06:00:00	0.064	1.66	352.2	28.72	40.1	67.7
MS-10	63	2023-11-29 06:00:00	0.062	0.67	21	28.89	39.4	69
MS-07	63	2023-11-29 06:00:00	0.054	3.98	351.9	28.71	41.8	60.1
MS-12	63	2023-11-29 06:00:00	0.13	2.32	339	28.77	40.2	68.4
MS-08	63	2023-11-29 06:00:00	0.161	1.76	254.8	28.69	39.5	69.9
MS-06	63	2023-11-29 07:00:00	0.123	1.93	22.2	28.84	42.6	62
MS-09	63	2023-11-29 07:00:00	0.063	1.16	10.9	28.72	41.3	65.9
MS-10	63	2023-11-29 07:00:00	0.079	0.67	356.9	28.89	41.3	67.4
MS-12	63	2023-11-29 07:00:00	0.131	1.83	344	28.77	41.1	67.1
MS-11	63	2023-11-29 07:00:00	0.112	0.95	265.6	28.44	41.8	66.2
MS-07	63	2023-11-29 07:00:00	0.063	2.43	9.5	28.71	41.6	62.9
MS-08	63	2023-11-29 07:00:00	0.156	1.14	242.5	28.69	39.7	69.9
MS-06	63	2023-11-29 08:00:00	0.126	2.08	126.8	28.84	47.5	53.6
MS-11	63	2023-11-29 08:00:00	0.068	1.28	153.9	28.45	48.4	52.9
MS-08	63	2023-11-29 08:00:00	0.188	1.76	223.3	28.7	44.7	61.4
MS-09	63	2023-11-29 08:00:00	0.075	1.21	167.3	28.72	48.5	54.2
MS-10	63	2023-11-29 08:00:00	0.071	0.82	155.5	28.9	47.8	54.1
MS-07	63	2023-11-29 08:00:00	0.074	2.56	111.4	28.72	47.7	54.7
MS-12	63	2023-11-29 08:00:00	0.134	1.48	123	28.78	47.6	54.9
MS-06	63	2023-11-29 09:00:00	0.128	1.94	81.5	28.84	54.3	43.8
MS-07	63	2023-11-29 09:00:00	0.072	3.93	121.9	28.72	53.5	45.3
MS-12	63	2023-11-29 09:00:00	0.15	2.38	160.1	28.78	53.9	46.8

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	63	2023-11-29 09:00:00	0.06	1.08	167.3	28.9	55	43
MS-09	63	2023-11-29 09:00:00	0.092	1.97	167.9	28.72	53.7	46
MS-08	63	2023-11-29 09:00:00	0.182	1.74	70.4	28.7	54.7	45.7
MS-11	63	2023-11-29 09:00:00	0.051	1.59	44.1	28.45	54.6	43
MS-09	63	2023-11-29 10:00:00	0.104	2.09	148.6	28.71	59.3	40.8
MS-11	63	2023-11-29 10:00:00	0.144	2.52	47.1	28.44	60.2	41.1
MS-06	63	2023-11-29 10:00:00	0.138	2.83	64.6	28.82	58.4	39.8
MS-07	63	2023-11-29 10:00:00	0.097	4.76	114.2	28.7	58.4	43.6
MS-08	63	2023-11-29 10:00:00	0.233	2.33	49.4	28.68	59.1	43
MS-10	63	2023-11-29 10:00:00	0.111	1.24	162.1	28.87	60.5	39.5
MS-12	63	2023-11-29 10:00:00	0.193	2.59	159.2	28.76	60.3	42
MS-08	63	2023-11-29 11:00:00	0.389	3.28	263.9	28.65	61	48.9
MS-06	63	2023-11-29 11:00:00	0.286	4.22	199.1	28.79	61.3	46.3
MS-11	63	2023-11-29 11:00:00	0.441	3.36	239.1	28.41	61.1	52.4
MS-09	63	2023-11-29 11:00:00	0.183	3.72	176.7	28.67	61.5	46.9
MS-12	63	2023-11-29 11:00:00	0.315	4.38	159.1	28.73	61.6	48.9
MS-07	63	2023-11-29 11:00:00	0.133	5.68	190.9	28.67	61.1	49.3
MS-10	63	2023-11-29 11:00:00	0.272	3.28	212.5	28.84	61.9	46.4
MS-09	63	2023-11-29 12:00:00	0.196	4.27	198.1	28.64	61.7	50.6
MS-08	63	2023-11-29 12:00:00	0.436	3.26	254.3	28.62	61.9	50.7
MS-10	63	2023-11-29 12:00:00	0.343	3.44	211.4	28.8	63.4	48.7
MS-11	63	2023-11-29 12:00:00	0.496	5.24	225.5	28.37	60.4	55.7
MS-06	63	2023-11-29 12:00:00	0.357	4.72	208.8	28.76	62.1	50.8
MS-12	63	2023-11-29 12:00:00	0.344	4.57	169.7	28.69	62.4	51.1
MS-07	63	2023-11-29 12:00:00	0.126	6.28	234.6	28.64	61.8	51.8
MS-11	63	2023-11-29 13:00:00	0.534	6.82	209.2	28.35	60.4	58.4
MS-12	63	2023-11-29 13:00:00	0.367	4.23	177.4	28.67	62.4	55
MS-06	63	2023-11-29 13:00:00	0.39	6.47	259.4	28.74	61.7	55.9
MS-08	63	2023-11-29 13:00:00	0.49	3.51	259.3	28.6	61.7	55.3
MS-09	63	2023-11-29 13:00:00	0.196	4.6	222.5	28.62	61.7	54.8
MS-07	63	2023-11-29 13:00:00	0.114	7.48	237.6	28.62	60.7	57.7
MS-10	63	2023-11-29 13:00:00	0.382	4.35	230.7	28.79	61.7	55.6
MS-07	63	2023-11-29 14:00:00	0.099	5.32	240.5	28.61	59.6	62.8
MS-09	63	2023-11-29 14:00:00	0.193	3.86	226.3	28.61	61.2	59.1
MS-08	63	2023-11-29 14:00:00	0.53	2.42	270.3	28.59	60.6	61
MS-06	63	2023-11-29 14:00:00	0.403	5.2	253.6	28.73	60.9	60.2
MS-12	63	2023-11-29 14:00:00	0.388	2.91	223.8	28.66	61.3	60.6
MS-11	63	2023-11-29 14:00:00	0.558	5.44	221.7	28.35	59	64.1
MS-10	63	2023-11-29 14:00:00	0.399	4.53	225.4	28.78	60.9	60.1
MS-09	63	2023-11-29 15:00:00	0.177	4.61	232.2	28.61	59.1	65.2
MS-12	63	2023-11-29 15:00:00	0.38	2.73	202.6	28.67	60	65
MS-08	63	2023-11-29 15:00:00	0.526	2.88	268.2	28.59	58.9	66.2



Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	63	2023-11-29 15:00:00	0.4	4.24	233.8	28.78	59.8	64.7
MS-07	63	2023-11-29 15:00:00	0.083	6.7	247	28.61	58.4	67.3
MS-06	63	2023-11-29 15:00:00	0.397	7.72	245.1	28.73	59.6	65.1
MS-11	63	2023-11-29 15:00:00	0.547	3.32	248.4	28.35	58	67.6
MS-12	63	2023-11-29 16:00:00	0.363	3.3	182.4	28.67	57.1	70.4
MS-07	63	2023-11-29 16:00:00	0.072	6.09	255.2	28.61	56.1	72.1
MS-09	63	2023-11-29 16:00:00	0.161	4.68	236.1	28.61	56.4	70.8
MS-08	63	2023-11-29 16:00:00	0.5	2.78	263.2	28.59	56.3	71.5
MS-06	63	2023-11-29 16:00:00	0.379	6.51	250.3	28.73	57.4	69.9
MS-10	63	2023-11-29 16:00:00	0.378	3.78	240.7	28.78	57.5	69.7
MS-11	63	2023-11-29 16:00:00	0.532	4.23	238.7	28.35	55.7	73.3
MS-08	63	2023-11-29 17:00:00	0.476	1.85	263.4	28.6	53.9	77.6
MS-12	63	2023-11-29 17:00:00	0.347	2.12	164.8	28.67	54.6	76.8
MS-10	63	2023-11-29 17:00:00	0.344	1.65	230.5	28.79	55.2	74.4
MS-07	63	2023-11-29 17:00:00	0.064	5.02	257.5	28.62	54.1	77.6
MS-06	63	2023-11-29 17:00:00	0.354	3.22	263	28.73	54.8	75.5
MS-09	63	2023-11-29 17:00:00	0.147	3.89	233.2	28.62	54.3	76
MS-11	63	2023-11-29 17:00:00	0.494	1.68	240.3	28.35	53	79.6
MS-09	63	2023-11-29 18:00:00	0.131	1.84	311.2	28.62	51.3	80.8
MS-10	63	2023-11-29 18:00:00	0.322	0.68	99.9	28.79	52.2	81.2
MS-12	63	2023-11-29 18:00:00	0.31	1.43	337.3	28.68	50.7	82.2
MS-06	63	2023-11-29 18:00:00	0.32	1.4	290	28.74	52.3	80.4
MS-11	63	2023-11-29 18:00:00	0.448	1.35	207.2	28.36	51.4	83.3
MS-07	63	2023-11-29 18:00:00	0.052	3.14	261.2	28.62	52.7	81.7
MS-08	63	2023-11-29 18:00:00	0.412	1.23	249	28.6	49.5	84.3
MS-10	63	2023-11-29 19:00:00	0.279	0.67	63.7	28.81	50.8	82.6
MS-12	63	2023-11-29 19:00:00	0.299	2.08	330.3	28.69	49.8	85.4
MS-06	63	2023-11-29 19:00:00	0.302	1.64	297.7	28.75	51.6	83.8
MS-09	63	2023-11-29 19:00:00	0.115	1.58	13.5	28.63	48.8	84.8
MS-11	63	2023-11-29 19:00:00	0.431	1.15	220.2	28.37	51.7	84.8
MS-07	63	2023-11-29 19:00:00	0.043	1.96	329.2	28.63	51.6	84.1
MS-08	63	2023-11-29 19:00:00	0.385	0.85	242.5	28.61	49	86.7
MS-12	63	2023-11-29 20:00:00	0.284	2.55	4.6	28.69	49.6	86
MS-10	63	2023-11-29 20:00:00	0.25	0.67	307.2	28.81	50.3	83.7
MS-07	63	2023-11-29 20:00:00	0.037	4.41	0.8	28.63	50.3	85.5
MS-08	63	2023-11-29 20:00:00	0.335	1.53	256.3	28.61	47.5	87.5
MS-11	63	2023-11-29 20:00:00	0.366	1.13	291.8	28.37	50.1	86.9
MS-09	63	2023-11-29 20:00:00	0.102	1.66	357	28.63	48.5	85.7
MS-06	63	2023-11-29 20:00:00	0.276	1.73	265.7	28.75	51.3	83.7
MS-08	63	2023-11-29 21:00:00	0.233	1.64	256.2	28.62	43.9	90.4
MS-10	63	2023-11-29 21:00:00	0.202	0.67	259.7	28.81	47.5	88.2
MS-11	63	2023-11-29 21:00:00	0.279	0.92	198.2	28.37	47.2	91.8

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-09	63	2023-11-29 21:00:00	0.082	1.93	9.6	28.64	45.9	89.4
MS-12	63	2023-11-29 21:00:00	0.24	2.64	354.2	28.69	46.3	89.4
MS-06	63	2023-11-29 21:00:00	0.221	1.59	269.5	28.76	48.5	86.9
MS-07	63	2023-11-29 21:00:00	0.033	4.18	353.3	28.64	48.3	89.2
MS-12	63	2023-11-29 22:00:00	0.193	1.93	336.9	28.69	43.7	91
MS-06	63	2023-11-29 22:00:00	0.172	1.68	270	28.75	46.1	90.2
MS-10	63	2023-11-29 22:00:00	0.164	0.67	315.3	28.8	45.7	91.6
MS-11	63	2023-11-29 22:00:00	0.253	0.95	232.7	28.36	46.8	94.2
MS-09	63	2023-11-29 22:00:00	0.067	2.33	6.8	28.63	44.7	91.6
MS-08	63	2023-11-29 22:00:00	0.202	1.95	265.7	28.61	43.2	92.7
MS-10	63	2023-11-29 23:00:00	0.121	0.67	32	28.81	44.2	91.8
MS-09	63	2023-11-29 23:00:00	0.054	1.48	331	28.63	44.1	92.5
MS-11	63	2023-11-29 23:00:00	0.196	0.86	211.3	28.36	45.5	94.9
MS-12	63	2023-11-29 23:00:00	0.144	2.1	331.6	28.69	41.5	92.3
MS-08	63	2023-11-29 23:00:00	0.147	1.22	245.3	28.61	41.5	93
MS-06	63	2023-11-29 23:00:00	0.159	2.06	294	28.75	45.7	91.2
MS-09	63	2023-11-30 00:00:00	0.041	1.94	22.8	28.63	43.1	93.3
MS-12	63	2023-11-30 00:00:00	0.127	2.11	330.7	28.68	40.9	93.4
MS-08	63	2023-11-30 00:00:00	0.112	1.41	247.1	28.6	40.9	94.1
MS-11	63	2023-11-30 00:00:00	0.2	0.8	199.9	28.36	46.2	95.6
MS-10	63	2023-11-30 00:00:00	0.076	0.67	334.2	28.8	42.8	93
MS-06	63	2023-11-30 00:00:00	0.115	1.82	274.7	28.75	44.1	92.1
MS-08	63	2023-11-30 01:00:00	0.132	1.18	253.3	28.6	41.6	94.8
MS-11	63	2023-11-30 01:00:00	0.168	0.9	218.4	28.35	45.7	95.9
MS-06	63	2023-11-30 01:00:00	0.108	1.33	271.9	28.74	43.9	93.2
MS-10	63	2023-11-30 01:00:00	0.047	0.67	31.6	28.8	41.6	94.3
MS-12	63	2023-11-30 01:00:00	0.135	2.54	338.9	28.68	41.9	94.3
MS-06	63	2023-11-30 02:00:00	0.119	1.55	299.1	28.74	45.1	92.4
MS-11	63	2023-11-30 02:00:00	0.188	1.96	102.5	28.35	46.6	95.2
MS-10	63	2023-11-30 02:00:00	0.042	0.67	18.5	28.8	41.8	94.7
MS-12	63	2023-11-30 02:00:00	0.132	2.27	335.8	28.68	42.5	93.6
MS-08	63	2023-11-30 02:00:00	0.145	1.34	270.6	28.6	43.1	94.6
MS-06	63	2023-11-30 03:00:00	0.088	1.66	267.4	28.74	45.1	92
MS-11	63	2023-11-30 03:00:00	0.167	1.71	105.5	28.35	47.5	93
MS-08	63	2023-11-30 03:00:00	0.156	1.09	253	28.6	44.2	94.1
MS-12	63	2023-11-30 03:00:00	0.146	2.04	352.9	28.67	44.5	93.4
MS-11	63	2023-11-30 04:00:00	0.078	1.26	294	28.35	44.4	94.4
MS-08	63	2023-11-30 04:00:00	0.16	0.88	70.8	28.6	44.9	94
MS-12	63	2023-11-30 04:00:00	0.119	1.5	336.3	28.68	43.6	93.7
MS-06	63	2023-11-30 04:00:00	0.055	1.55	266.8	28.74	43.9	92.9
MS-11	63	2023-11-30 05:00:00	0.045	1.46	174.7	28.35	44.3	94.6
MS-08	63	2023-11-30 05:00:00	0.163	0.85	195.2	28.6	45.4	94.5

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	63	2023-11-30 05:00:00	0.072	1.4	281.6	28.75	44	92.8
MS-12	63	2023-11-30 05:00:00	0.127	0.91	27.5	28.68	44.5	94.3
MS-12	63	2023-11-30 06:00:00	0.122	1.33	348.5	28.69	44.2	95.1
MS-06	63	2023-11-30 06:00:00	0.054	1.35	277.9	28.75	43.6	93.3
MS-10	63	2023-11-30 06:00:00	0.032	0.67	43.2	28.81	42.3	95.6
MS-11	63	2023-11-30 06:00:00	0.037	0.85	24.4	28.36	44.2	94.4
MS-08	63	2023-11-30 06:00:00	0.139	0.84	198.2	28.61	44.4	94.9
MS-08	63	2023-11-30 07:00:00	0.121	1.29	241.3	28.62	43.9	95.1
MS-12	63	2023-11-30 07:00:00	0.126	1.66	354.6	28.69	44.9	95.3
MS-06	63	2023-11-30 07:00:00	0.076	1.13	261	28.76	45	93.8
MS-10	63	2023-11-30 07:00:00	0.049	0.67	49.8	28.81	43.3	95.1
MS-11	63	2023-11-30 07:00:00	0.03	0.85	88	28.37	44.5	94
MS-08	63	2023-11-30 08:00:00	0.147	0.79	230	28.62	46.8	94
MS-12	63	2023-11-30 08:00:00	0.132	0.86	300.8	28.7	47.2	93.6
MS-11	63	2023-11-30 08:00:00	0.048	1.09	23.7	28.37	47.3	90.8
MS-10	63	2023-11-30 08:00:00	0.088	0.67	41.3	28.82	46.1	94.1
MS-06	63	2023-11-30 08:00:00	0.074	0.91	103.7	28.77	47.1	90
MS-08	63	2023-11-30 09:00:00	0.127	1.23	140.9	28.64	51.8	78.9
MS-06	63	2023-11-30 09:00:00	0.065	1.72	108.6	28.78	51.3	79.3
MS-11	63	2023-11-30 09:00:00	0.055	1.1	24.6	28.4	51.2	81.8
MS-09	63	2023-11-30 09:00:00	0.031	1.31	185	28.66	51.2	82.2
MS-12	63	2023-11-30 09:00:00	0.122	1.38	210.1	28.72	52.5	79.3
MS-10	63	2023-11-30 09:00:00	0.095	0.67	100.4	28.84	51.2	83.4
MS-08	63	2023-11-30 10:00:00	0.127	1.85	57.1	28.63	57.3	66
MS-06	63	2023-11-30 10:00:00	0.051	2.22	66.8	28.77	56.5	65.9
MS-12	63	2023-11-30 10:00:00	0.109	2.72	170.5	28.7	57.1	66.3
MS-10	63	2023-11-30 10:00:00	0.071	0.83	148.4	28.82	57.2	65.8
MS-11	63	2023-11-30 10:00:00	0.059	2.34	26.8	28.38	57.9	66.4
MS-08	63	2023-11-30 11:00:00	0.079	2.77	65.1	28.6	61.3	54
MS-12	63	2023-11-30 11:00:00	0.07	3.2	165	28.67	61.7	52.7
MS-10	63	2023-11-30 11:00:00	0.038	1.65	216.5	28.78	61.1	53.9
MS-08	63	2023-11-30 12:00:00	0.031	2.94	229.6	28.57	63.4	47.4
MS-12	63	2023-11-30 12:00:00	0.035	3.6	167	28.64	63.9	46.2
MS-08	63	2023-11-30 13:00:00	0.068	2.72	239.3	28.56	62.7	52.4
MS-12	63	2023-11-30 13:00:00	0.062	2.62	199.6	28.63	63.3	52
MS-06	63	2023-11-30 14:00:00	0.055	5.8	258.2	28.7	63	54.7
MS-11	63	2023-11-30 14:00:00	0.066	2.79	282	28.32	61.6	58
MS-08	63	2023-11-30 14:00:00	0.105	3.16	250	28.56	62.8	54.3
MS-10	63	2023-11-30 14:00:00	0.07	3.19	242.4	28.74	64.2	52.8
MS-12	63	2023-11-30 14:00:00	0.087	3.15	214.2	28.63	63.4	54.1
MS-08	63	2023-11-30 15:00:00	0.116	2.5	282.2	28.57	61	59
MS-06	63	2023-11-30 15:00:00	0.065	5.6	250.7	28.7	62.3	57.4

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-11	63	2023-11-30 15:00:00	0.093	3.2	291	28.32	60.7	61.7
MS-10	63	2023-11-30 15:00:00	0.069	1.59	264.6	28.75	62.9	54.7
MS-12	63	2023-11-30 15:00:00	0.089	2.43	222.6	28.64	62.2	57.8
MS-11	63	2023-11-30 16:00:00	0.127	1.94	285.8	28.32	57.5	70.8
MS-10	63	2023-11-30 16:00:00	0.083	0.71	298.9	28.75	59.6	63.1
MS-08	63	2023-11-30 16:00:00	0.153	1.35	251	28.57	58.2	68.6
MS-12	63	2023-11-30 16:00:00	0.106	0.91	102.3	28.64	59	67.6
MS-06	63	2023-11-30 16:00:00	0.09	2.97	273.7	28.7	59.8	66.4
MS-06	63	2023-11-30 17:00:00	0.056	1.85	282	28.71	55.7	66.5
MS-11	63	2023-11-30 17:00:00	0.101	0.99	298.7	28.33	54.4	72.7
MS-12	63	2023-11-30 17:00:00	0.088	2.12	340.4	28.65	53.3	76.2
MS-08	63	2023-11-30 17:00:00	0.12	1.81	247.3	28.57	52.1	78.9
MS-08	63	2023-11-30 18:00:00	0.064	2.22	255.9	28.59	48.8	80.8
MS-12	63	2023-11-30 18:00:00	0.055	1.54	338.7	28.66	48.9	80.6
MS-10	64	2023-12-01 00:00:00	0.03	3.49	333.3	28.82	54.9	56.5
MS-11	65	2023-12-02 13:00:00	0.03	3.31	284.6	28.54	68.3	31.7
MS-11	66	2023-12-02 15:00:00	0.051	3.38	264.5	28.55	62.1	38.7
MS-06	66	2023-12-02 16:00:00	0.107	4.56	251	28.94	60.3	45.9
MS-08	66	2023-12-02 16:00:00	0.132	2.15	257.2	28.8	59	46.4
MS-11	66	2023-12-02 16:00:00	0.189	3.09	249.8	28.55	57.4	52.9
MS-07	66	2023-12-02 16:00:00	0.033	7.03	271.8	28.82	58.9	49.4
MS-12	66	2023-12-02 16:00:00	0.071	1.49	18	28.88	59.7	46.1
MS-10	66	2023-12-02 16:00:00	0.071	0.94	252.4	28.99	60.2	42.7
MS-10	66	2023-12-02 17:00:00	0.123	0.81	228.9	29.01	55.4	54
MS-08	66	2023-12-02 17:00:00	0.196	1.45	243.1	28.82	51.5	62.4
MS-09	66	2023-12-02 17:00:00	0.031	1.7	352	28.84	53.1	52.3
MS-06	66	2023-12-02 17:00:00	0.166	2.91	280.3	28.96	55.5	58.3
MS-07	66	2023-12-02 17:00:00	0.043	5.07	258.3	28.84	55.8	57.9
MS-12	66	2023-12-02 17:00:00	0.095	1.61	342.7	28.9	51.7	59.9
MS-11	66	2023-12-02 17:00:00	0.248	3.97	235.6	28.57	54.3	61.9
MS-06	66	2023-12-02 18:00:00	0.16	2.6	297.8	28.96	53.1	62.1
MS-09	66	2023-12-02 18:00:00	0.046	2.16	11.3	28.84	48.9	62.9
MS-07	66	2023-12-02 18:00:00	0.039	2.31	326.3	28.85	51.3	64.2
MS-11	66	2023-12-02 18:00:00	0.245	3.94	228.4	28.58	53.1	64.7
MS-08	66	2023-12-02 18:00:00	0.152	2.03	255.1	28.82	46.5	69.4
MS-12	66	2023-12-02 18:00:00	0.091	2.05	327.4	28.9	46.8	69.3
MS-10	66	2023-12-02 18:00:00	0.116	0.69	230.8	29.02	50.7	62.5
MS-07	66	2023-12-02 19:00:00	0.034	2.9	332.7	28.85	49.3	66.2
MS-09	66	2023-12-02 19:00:00	0.045	2.1	1.9	28.85	46.8	67.2
MS-12	66	2023-12-02 19:00:00	0.086	2.25	329.6	28.91	44.9	72.5
MS-08	66	2023-12-02 19:00:00	0.127	1.7	245.5	28.83	44.2	72.4
MS-11	66	2023-12-02 19:00:00	0.203	1.74	159.2	28.59	50.9	66.4

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	66	2023-12-02 19:00:00	0.132	1.76	272.3	28.97	48.2	69.1
MS-10	66	2023-12-02 19:00:00	0.111	0.98	247.7	29.03	48.5	66.5
MS-10	66	2023-12-02 20:00:00	0.118	0.67	327.6	29.04	46.1	73.8
MS-11	66	2023-12-02 20:00:00	0.167	1.3	199.1	28.6	48.4	69.7
MS-12	66	2023-12-02 20:00:00	0.076	2.64	347	28.92	43.7	73.9
MS-06	66	2023-12-02 20:00:00	0.12	1.93	276.2	28.98	46.4	73.6
MS-09	66	2023-12-02 20:00:00	0.039	2.22	351.4	28.87	45	70.1
MS-08	66	2023-12-02 20:00:00	0.11	2.06	255.8	28.84	42.7	74.6
MS-12	66	2023-12-02 21:00:00	0.07	2.45	336.4	28.93	42.6	75.6
MS-10	66	2023-12-02 21:00:00	0.106	0.67	9.3	29.05	44.2	77.4
MS-09	66	2023-12-02 21:00:00	0.036	2.13	13.3	28.88	43.8	72.8
MS-08	66	2023-12-02 21:00:00	0.105	1.94	254.9	28.85	41.9	76.6
MS-11	66	2023-12-02 21:00:00	0.135	1.65	152.3	28.61	48.2	69
MS-06	66	2023-12-02 21:00:00	0.107	1.78	263.3	29	44.4	76.5
MS-12	66	2023-12-02 22:00:00	0.08	3.39	356.5	28.94	42.4	77.5
MS-10	66	2023-12-02 22:00:00	0.073	0.67	334.8	29.06	42.4	78.8
MS-08	66	2023-12-02 22:00:00	0.102	2.25	262.4	28.86	40.2	80.9
MS-06	66	2023-12-02 22:00:00	0.073	2	269.8	29	43	77
MS-09	66	2023-12-02 22:00:00	0.035	2.22	5.9	28.89	41.9	76.8
MS-11	66	2023-12-02 22:00:00	0.107	1.22	241.2	28.61	45.3	73.6
MS-06	66	2023-12-02 23:00:00	0.071	1.99	270.1	29.01	42.4	76.3
MS-09	66	2023-12-02 23:00:00	0.035	1.97	10.4	28.89	41.3	79
MS-12	66	2023-12-02 23:00:00	0.062	2.39	328.2	28.95	39.5	81.3
MS-08	66	2023-12-02 23:00:00	0.093	1.83	261.2	28.87	39	83.1
MS-11	66	2023-12-02 23:00:00	0.068	1.51	172.1	28.62	44.3	73.2
MS-12	66	2023-12-03 00:00:00	0.036	2.35	337.1	28.94	37.8	84.8
MS-08	66	2023-12-03 00:00:00	0.063	1.61	249.8	28.86	37.4	84.5
MS-06	66	2023-12-03 00:00:00	0.038	1.99	274.7	29.01	40	80.2
MS-12	66	2023-12-03 01:00:00	0.035	2.85	342.9	28.94	37.9	84.1
MS-08	66	2023-12-03 01:00:00	0.053	1.67	256.6	28.86	36.7	85.7
MS-08	66	2023-12-03 02:00:00	0.037	1.96	259.5	28.86	35.7	87.4
MS-08	67	2023-12-03 07:00:00	0.042	1.52	246.8	28.87	37.3	86.8
MS-11	67	2023-12-03 08:00:00	0.037	2.75	75.7	28.64	52.2	59.5
MS-12	67	2023-12-03 08:00:00	0.055	2.18	86	28.96	48.1	67.1
MS-08	67	2023-12-03 08:00:00	0.096	2.07	226.1	28.88	45.8	72
MS-06	67	2023-12-03 09:00:00	0.047	2.14	80.4	29.03	56.6	51.7
MS-12	67	2023-12-03 09:00:00	0.066	1.91	148.3	28.97	57.5	50.9
MS-08	67	2023-12-03 09:00:00	0.119	1.78	149.8	28.89	57.4	51.3
MS-10	67	2023-12-03 09:00:00	0.06	2.16	223.1	29.08	55.6	54
MS-09	67	2023-12-03 10:00:00	0.041	2.17	162.3	28.89	65.1	40.1
MS-06	67	2023-12-03 10:00:00	0.054	2.09	109.2	29.01	65.8	38.8
MS-08	67	2023-12-03 10:00:00	0.086	2.35	142.8	28.87	65.1	38.3

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	67	2023-12-03 10:00:00	0.06	3	169.1	28.95	66.2	37.7
MS-10	67	2023-12-03 10:00:00	0.054	1.7	184.2	29.06	65.5	39
MS-08	67	2023-12-03 11:00:00	0.067	2.14	134.4	28.85	70	32.4
MS-09	67	2023-12-03 11:00:00	0.038	2.82	184.4	28.86	70.3	32.2
MS-08	67	2023-12-03 12:00:00	0.082	2.54	291.2	28.82	70.8	32.9
MS-12	67	2023-12-03 12:00:00	0.032	3.19	300.1	28.9	72.1	31
MS-10	67	2023-12-03 12:00:00	0.035	1.89	332.8	29	72.3	31.1
MS-11	67	2023-12-03 12:00:00	0.047	3.36	252.5	28.58	69.5	34.5
MS-08	67	2023-12-03 13:00:00	0.105	3.17	255.5	28.8	71.3	33.4
MS-06	67	2023-12-03 13:00:00	0.074	5.66	239.1	28.94	69.9	35.2
MS-11	67	2023-12-03 13:00:00	0.122	4.95	213.3	28.56	68.2	38.1
MS-12	67	2023-12-03 13:00:00	0.067	3.13	235.8	28.88	72.9	32.3
MS-10	67	2023-12-03 14:00:00	0.08	2.13	240	28.97	73.6	32.4
MS-06	67	2023-12-03 14:00:00	0.075	7.05	227.9	28.92	69.5	35.8
MS-11	67	2023-12-03 14:00:00	0.146	4.95	237.5	28.55	68.5	39.4
MS-12	67	2023-12-03 14:00:00	0.086	3.36	172.8	28.86	72.7	33.6
MS-08	67	2023-12-03 14:00:00	0.13	3.03	240.8	28.79	71.6	34.1
MS-09	67	2023-12-03 14:00:00	0.035	2.86	191.5	28.81	73.5	31.8
MS-06	67	2023-12-03 15:00:00	0.083	6.77	234.4	28.92	67.8	38.4
MS-11	67	2023-12-03 15:00:00	0.151	4.3	246.9	28.55	66.1	42.9
MS-09	67	2023-12-03 15:00:00	0.041	2.28	229.5	28.8	69.8	35.9
MS-10	67	2023-12-03 15:00:00	0.103	1.56	214.1	28.97	70	36.9
MS-08	67	2023-12-03 15:00:00	0.132	2.14	242.2	28.79	68.6	36.9
MS-12	67	2023-12-03 15:00:00	0.093	2.23	172.6	28.86	69.3	37.4
MS-10	67	2023-12-03 16:00:00	0.101	2.01	206.4	28.98	63.9	44.6
MS-06	67	2023-12-03 16:00:00	0.095	5.39	253.3	28.93	64.4	43.2
MS-12	67	2023-12-03 16:00:00	0.104	1.33	7.7	28.87	62.2	46.8
MS-08	67	2023-12-03 16:00:00	0.132	1.66	263.3	28.8	62.7	43.9
MS-11	67	2023-12-03 16:00:00	0.145	4.9	238.9	28.55	61.7	49.1
MS-06	67	2023-12-03 17:00:00	0.105	4.36	297.4	28.95	60.5	49.9
MS-12	67	2023-12-03 17:00:00	0.09	1.27	19	28.89	55.2	56.4
MS-11	67	2023-12-03 17:00:00	0.152	5.6	232.2	28.57	59.6	53.1
MS-10	67	2023-12-03 17:00:00	0.107	1.29	205.6	29	59.8	51.3
MS-08	67	2023-12-03 17:00:00	0.115	2.12	241.9	28.82	57	51.8
MS-12	67	2023-12-03 18:00:00	0.114	1.93	122.8	28.9	54.5	61.4
MS-10	67	2023-12-03 18:00:00	0.115	0.81	231.3	29.01	57	57.2
MS-06	67	2023-12-03 18:00:00	0.113	4.62	304.6	28.96	58	54.8
MS-11	67	2023-12-03 18:00:00	0.122	2.33	214	28.58	58.4	52.8
MS-08	67	2023-12-03 18:00:00	0.126	1.7	207.5	28.82	53.2	60.2
MS-09	67	2023-12-03 18:00:00	0.04	1.68	325.3	28.84	56.7	54.7
MS-10	67	2023-12-03 19:00:00	0.115	0.81	238.6	29.02	54.1	63.1
MS-06	67	2023-12-03 19:00:00	0.097	2.54	300.5	28.96	55.5	58.2

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-09	67	2023-12-03 19:00:00	0.042	1.39	163.1	28.85	54.3	60.5
MS-08	67	2023-12-03 19:00:00	0.124	1.41	250.4	28.83	51.8	63.1
MS-12	67	2023-12-03 19:00:00	0.111	2.05	92.6	28.9	52.4	65.2
MS-08	67	2023-12-03 20:00:00	0.102	1.78	266.8	28.83	50.4	63.6
MS-09	67	2023-12-03 20:00:00	0.041	0.98	323.1	28.85	51	67.3
MS-06	67	2023-12-03 20:00:00	0.085	1.53	265.4	28.97	51.1	65.1
MS-12	67	2023-12-03 20:00:00	0.106	2.02	53.6	28.91	51	67.7
MS-10	67	2023-12-03 20:00:00	0.113	0.67	337.3	29.03	51.5	69
MS-06	67	2023-12-03 21:00:00	0.057	1.9	274.8	28.97	48.1	69.5
MS-10	67	2023-12-03 21:00:00	0.077	0.67	311.9	29.03	48.6	71
MS-12	67	2023-12-03 21:00:00	0.077	2.27	337.6	28.91	47.7	70
MS-08	67	2023-12-03 21:00:00	0.044	1.75	259.2	28.84	46.8	66.4
MS-12	67	2023-12-03 22:00:00	0.048	2.73	341.6	28.92	44.9	73.2
MS-10	67	2023-12-03 22:00:00	0.049	0.67	342.2	29.03	46	74.9
MS-12	67	2023-12-03 23:00:00	0.04	2.53	333.1	28.92	44.8	72.4
MS-12	67	2023-12-04 00:00:00	0.032	2.76	338.9	28.91	44.2	73
MS-10	67	2023-12-04 00:00:00	0.035	0.67	333.1	29.03	43	81.9
MS-12	68	2023-12-04 08:00:00	0.051	2.55	328.4	28.92	53.3	60.2
MS-08	68	2023-12-04 08:00:00	0.076	1.27	270.3	28.85	52.8	60.2
MS-10	68	2023-12-04 08:00:00	0.036	0.67	62.3	29.04	54.9	58.3
MS-10	69	2023-12-05 00:00:00	0.092	0.89	0.6	29.03	58.4	47.3
MS-08	70	2023-12-05 05:00:00	0.032	1.6	264.4	28.82	52.5	49.6
MS-08	70	2023-12-05 06:00:00	0.037	1.87	258.7	28.84	51.7	51.1
MS-08	70	2023-12-05 07:00:00	0.049	1.79	232.2	28.85	54.5	48.6
MS-12	70	2023-12-05 07:00:00	0.033	2.58	335.2	28.92	53.8	49.8
MS-11	71	2023-12-05 17:00:00	0.041	1.48	306.4	28.54	66.4	32.2
MS-08	71	2023-12-05 17:00:00	0.04	1.78	263.6	28.79	62.8	35.6
MS-11	71	2023-12-05 18:00:00	0.045	1.01	266	28.56	63.2	35.2
MS-08	71	2023-12-05 18:00:00	0.03	2.27	259.1	28.8	55.9	43.7
MS-11	71	2023-12-05 19:00:00	0.032	1.09	232.1	28.56	61.5	36.9
MS-08	71	2023-12-05 19:00:00	0.032	2.32	260.3	28.81	53	48.2
MS-12	71	2023-12-05 20:00:00	0.033	3.12	333.4	28.9	52.6	50.1
MS-10	71	2023-12-05 20:00:00	0.036	0.67	257.6	29.01	54.7	49.3
MS-08	71	2023-12-05 20:00:00	0.036	2.19	263.8	28.82	51.9	50.2
MS-10	71	2023-12-05 21:00:00	0.031	0.67	306.2	29.01	53.2	52.3
MS-12	71	2023-12-05 21:00:00	0.035	3.19	333.6	28.9	51.1	52.7
MS-08	71	2023-12-05 21:00:00	0.033	2.21	262.2	28.82	50	53.3
MS-12	71	2023-12-05 22:00:00	0.032	3.15	332.7	28.9	49.8	54.5
MS-06	71	2023-12-05 22:00:00	0.037	1.61	275.4	28.95	54	47.2
MS-08	71	2023-12-05 22:00:00	0.033	1.96	264.5	28.82	49.5	54.4
MS-06	71	2023-12-05 23:00:00	0.034	1.91	270	28.95	50.4	53.1
MS-06	71	2023-12-06 00:00:00	0.033	1.82	272.6	28.94	48.1	57.1

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-06	71	2023-12-06 01:00:00	0.037	2.13	277.5	28.94	46.9	60.9
MS-06	71	2023-12-06 02:00:00	0.039	2.13	275.9	28.93	46	62.8
MS-06	71	2023-12-06 03:00:00	0.041	1.86	275.2	28.92	44.9	65.2
MS-06	71	2023-12-06 04:00:00	0.034	1.9	267.3	28.91	44	66.5
MS-06	71	2023-12-06 05:00:00	0.036	1.78	271.8	28.91	43.1	68.6
MS-12	71	2023-12-06 06:00:00	0.03	2.37	327	28.85	40.2	73.8
MS-06	71	2023-12-06 06:00:00	0.035	1.87	282	28.92	43.1	68.9
MS-11	71	2023-12-06 07:00:00	0.042	1.23	180.1	28.53	52.1	52.4
MS-12	71	2023-12-06 07:00:00	0.03	2.37	336	28.85	42	72.7
MS-08	71	2023-12-06 07:00:00	0.049	1.95	255.6	28.77	42.2	71.4
MS-06	71	2023-12-06 07:00:00	0.054	1.71	245.3	28.92	46.7	64.1
MS-09	71	2023-12-06 08:00:00	0.042	1.56	138.7	28.81	54.7	52.5
MS-06	71	2023-12-06 08:00:00	0.061	2.04	156.5	28.93	53.8	51.8
MS-08	71	2023-12-06 08:00:00	0.111	1.86	233	28.79	50.3	60.8
MS-12	71	2023-12-06 08:00:00	0.064	1.39	281.4	28.87	53.6	55.3
MS-11	71	2023-12-06 08:00:00	0.109	1.46	5.7	28.54	59.3	46.3
MS-08	71	2023-12-06 09:00:00	0.145	1.67	203.3	28.8	61.9	43.6
MS-12	71	2023-12-06 09:00:00	0.066	2	125.4	28.87	62.7	41.5
MS-06	71	2023-12-06 09:00:00	0.067	2.05	106.2	28.94	60.8	42.3
MS-09	71	2023-12-06 09:00:00	0.051	1.49	170.2	28.82	60.9	43.2
MS-11	71	2023-12-06 09:00:00	0.147	2.55	80.3	28.55	65.6	39.5
MS-11	71	2023-12-06 10:00:00	0.104	2.86	52.6	28.53	70.9	32.7
MS-08	71	2023-12-06 10:00:00	0.089	1.88	127	28.78	68.8	33.2
MS-09	71	2023-12-06 10:00:00	0.045	1.88	191.1	28.8	68	33.8
MS-06	71	2023-12-06 10:00:00	0.056	2.72	71.6	28.92	67.2	34.4
MS-06	71	2023-12-06 11:00:00	0.031	2.11	74	28.88	73.6	27.4
MS-08	71	2023-12-06 11:00:00	0.072	1.95	143.4	28.75	73.8	28.3
MS-09	71	2023-12-06 11:00:00	0.053	1.91	177.7	28.76	73.5	28.5
MS-11	71	2023-12-06 12:00:00	0.045	2.76	37.5	28.47	76.7	26.7
MS-08	71	2023-12-06 12:00:00	0.067	2.74	262.2	28.71	77	26.3
MS-12	71	2023-12-06 12:00:00	0.034	3.73	170.6	28.79	77.6	25.9
MS-09	71	2023-12-06 12:00:00	0.056	3.12	181.9	28.73	77.6	26.2
MS-11	71	2023-12-06 13:00:00	0.07	5.89	209.2	28.45	75.3	27.5
MS-08	71	2023-12-06 13:00:00	0.063	3.8	276.1	28.7	76.4	26.3
MS-10	71	2023-12-06 13:00:00	0.033	4.84	230.5	28.87	77.5	26.7
MS-09	71	2023-12-06 13:00:00	0.045	4.88	223.6	28.71	76.8	26.6
MS-06	71	2023-12-06 13:00:00	0.043	6.8	245.6	28.82	76.6	26.3
MS-12	71	2023-12-06 13:00:00	0.045	3.48	215.9	28.77	78.1	26.1
MS-12	71	2023-12-06 14:00:00	0.063	3.16	231.9	28.76	76.4	28.8
MS-11	71	2023-12-06 14:00:00	0.07	3.95	255.4	28.44	74.3	29
MS-09	71	2023-12-06 14:00:00	0.037	5.4	232	28.7	75.1	28.9
MS-06	71	2023-12-06 14:00:00	0.059	7.52	245.8	28.82	75.2	28.5



Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	71	2023-12-06 14:00:00	0.046	5.21	232.6	28.86	76	28.6
MS-08	71	2023-12-06 14:00:00	0.092	3.35	274.5	28.69	74.8	29.4
MS-09	71	2023-12-06 15:00:00	0.069	5.12	232.3	28.7	72	35.2
MS-07	71	2023-12-06 15:00:00	0.041	6.34	272.6	28.7	70.3	38.9
MS-06	71	2023-12-06 15:00:00	0.156	6.48	239.3	28.82	72.5	36.4
MS-11	71	2023-12-06 15:00:00	0.197	3.47	257	28.44	71.1	37.5
MS-12	71	2023-12-06 15:00:00	0.136	2.05	214.5	28.76	72.1	36.4
MS-10	71	2023-12-06 15:00:00	0.132	3.92	237.9	28.86	73.5	35.3
MS-08	71	2023-12-06 15:00:00	0.21	2.39	250.1	28.69	70.8	37.8
MS-07	71	2023-12-06 16:00:00	0.04	5.64	252	28.71	66	46.8
MS-11	71	2023-12-06 16:00:00	0.302	4.7	230.4	28.45	64.8	49.8
MS-08	71	2023-12-06 16:00:00	0.231	3.08	251.7	28.69	65.8	45.5
MS-06	71	2023-12-06 16:00:00	0.196	6.71	235.7	28.83	67.2	46.2
MS-09	71	2023-12-06 16:00:00	0.077	5.65	229.7	28.71	67.2	43.1
MS-10	71	2023-12-06 16:00:00	0.155	3.4	227.4	28.87	68.3	43.3
MS-12	71	2023-12-06 16:00:00	0.161	1.79	207.8	28.77	66.4	45.8
MS-09	71	2023-12-06 17:00:00	0.073	1.59	334.7	28.73	61	51.2
MS-12	71	2023-12-06 17:00:00	0.166	1.13	118.7	28.78	60.5	55
MS-07	71	2023-12-06 17:00:00	0.039	4.92	269.8	28.73	62	53.6
MS-06	71	2023-12-06 17:00:00	0.215	2.39	272.3	28.84	60.7	58.6
MS-10	71	2023-12-06 17:00:00	0.173	0.96	260.5	28.89	62	54.5
MS-08	71	2023-12-06 17:00:00	0.229	2.88	239.2	28.71	60.7	52.9
MS-11	71	2023-12-06 17:00:00	0.324	3.67	212.9	28.46	60.2	59.7
MS-11	71	2023-12-06 18:00:00	0.38	4.44	234.2	28.47	56.9	72.3
MS-07	71	2023-12-06 18:00:00	0.035	6.05	274.5	28.74	59.2	59.5
MS-12	71	2023-12-06 18:00:00	0.139	1.33	341	28.8	53.9	63.7
MS-10	71	2023-12-06 18:00:00	0.171	1.37	225.6	28.91	58	63.1
MS-09	71	2023-12-06 18:00:00	0.057	2.3	26.3	28.74	55.1	58.8
MS-08	71	2023-12-06 18:00:00	0.212	2.17	276	28.72	57	58.8
MS-06	71	2023-12-06 18:00:00	0.204	3.13	266.9	28.86	58	63.1
MS-10	71	2023-12-06 19:00:00	0.233	0.78	210	28.92	54.5	79.6
MS-12	71	2023-12-06 19:00:00	0.149	1.18	3	28.81	51.9	72.2
MS-11	71	2023-12-06 19:00:00	0.415	3.8	246.6	28.49	53.8	84.8
MS-09	71	2023-12-06 19:00:00	0.076	2.77	250.2	28.75	56.5	63.9
MS-08	71	2023-12-06 19:00:00	0.263	2.3	279	28.74	54.8	69.8
MS-07	71	2023-12-06 19:00:00	0.03	6.01	285.9	28.75	56.4	70.5
MS-06	71	2023-12-06 19:00:00	0.22	3.08	258.9	28.87	56.1	71.4
MS-12	71	2023-12-06 20:00:00	0.16	1.26	12.9	28.82	49.8	78.4
MS-09	71	2023-12-06 20:00:00	0.075	1.6	351.3	28.76	52.3	73.3
MS-08	71	2023-12-06 20:00:00	0.239	1.81	250.1	28.74	50.3	77.4
MS-06	71	2023-12-06 20:00:00	0.222	2.12	303.6	28.88	52.9	81.7
MS-11	71	2023-12-06 20:00:00	0.353	2.84	213.5	28.49	52.5	84.7

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	71	2023-12-06 20:00:00	0.173	0.67	67.1	28.93	52.1	79.1
MS-09	71	2023-12-06 21:00:00	0.055	2.09	353.8	28.77	48.4	77.3
MS-12	71	2023-12-06 21:00:00	0.146	1.89	339	28.83	47.1	83.2
MS-08	71	2023-12-06 21:00:00	0.176	1.9	252.5	28.75	46.1	83.1
MS-10	71	2023-12-06 21:00:00	0.114	0.68	353.4	28.94	49	78.2
MS-11	71	2023-12-06 21:00:00	0.26	1.22	211.8	28.5	49.8	85.8
MS-06	71	2023-12-06 21:00:00	0.19	1.74	282.5	28.89	50.3	84.4
MS-10	71	2023-12-06 22:00:00	0.053	0.67	1.4	28.95	46.2	78.9
MS-12	71	2023-12-06 22:00:00	0.132	2.46	345.4	28.83	45.9	84.1
MS-06	71	2023-12-06 22:00:00	0.13	1.75	260.3	28.9	46.4	87.2
MS-11	71	2023-12-06 22:00:00	0.259	1.7	163.4	28.51	49.4	89.9
MS-08	71	2023-12-06 22:00:00	0.159	1.98	252.4	28.76	44.6	85.8
MS-09	71	2023-12-06 22:00:00	0.039	1.77	9.2	28.78	46.3	79
MS-08	71	2023-12-06 23:00:00	0.121	1.87	266.2	28.76	42.8	87.6
MS-11	71	2023-12-06 23:00:00	0.239	1.97	358.9	28.51	50.4	85.3
MS-12	71	2023-12-06 23:00:00	0.103	2.9	345.8	28.84	44.1	84.7
MS-06	71	2023-12-06 23:00:00	0.105	1.98	269.8	28.9	46.1	86.3
MS-10	71	2023-12-06 23:00:00	0.041	0.67	21.3	28.96	44.8	82.7
MS-11	71	2023-12-07 00:00:00	0.162	1.45	194.7	28.5	46.8	89.7
MS-06	71	2023-12-07 00:00:00	0.075	1.59	275.5	28.89	44.6	86.5
MS-08	71	2023-12-07 00:00:00	0.093	2.39	261.1	28.75	42.4	87
MS-12	71	2023-12-07 00:00:00	0.083	2.32	335.4	28.82	42.9	85.7
MS-10	71	2023-12-07 00:00:00	0.041	0.67	312.5	28.94	43.3	88.7
MS-11	71	2023-12-07 01:00:00	0.108	1.88	97.3	28.49	46.2	88.8
MS-08	71	2023-12-07 01:00:00	0.077	2.32	266.4	28.74	41.8	88.7
MS-06	71	2023-12-07 01:00:00	0.041	1.67	275.9	28.88	42.8	88.5
MS-12	71	2023-12-07 01:00:00	0.065	2.02	327.7	28.82	41.1	87.3
MS-12	71	2023-12-07 02:00:00	0.052	2.16	336.3	28.82	40.2	89.9
MS-11	71	2023-12-07 02:00:00	0.07	1.78	168.7	28.49	47.4	84.6
MS-08	71	2023-12-07 02:00:00	0.058	1.52	254	28.74	40.4	90.2
MS-11	71	2023-12-07 03:00:00	0.046	3.4	13.6	28.49	52	72.5
MS-08	71	2023-12-07 03:00:00	0.044	1.33	242.7	28.73	39.7	92
MS-06	71	2023-12-07 04:00:00	0.04	2.58	276.5	28.87	43.8	87.1
MS-08	71	2023-12-07 04:00:00	0.033	1.18	252.3	28.72	39.1	93
MS-10	71	2023-12-07 04:00:00	0.032	1.21	256.2	28.92	46.6	83.9
MS-10	71	2023-12-07 05:00:00	0.041	0.81	331.3	28.93	53.6	67.7
MS-06	71	2023-12-07 05:00:00	0.031	2.71	274	28.87	45.3	84.5
MS-06	72	2023-12-07 07:00:00	0.043	2.01	269.1	28.89	48.5	78
MS-06	72	2023-12-07 08:00:00	0.039	3.28	196.5	28.9	57.6	59
MS-12	72	2023-12-07 08:00:00	0.087	2.22	2.9	28.84	51.7	74.4
MS-08	72	2023-12-07 08:00:00	0.095	2.39	237.7	28.76	49.8	76.6
MS-12	72	2023-12-07 09:00:00	0.048	6.15	340	28.85	61.1	49.7

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	72	2023-12-07 09:00:00	0.047	4.33	6.6	28.78	60.6	49.3
MS-12	72	2023-12-07 10:00:00	0.038	6.32	354.5	28.85	62.9	45.7
MS-12	72	2023-12-07 11:00:00	0.032	7.21	348.9	28.83	63.1	44.4
MS-06	73	2023-12-08 08:00:00	0.033	7.02	69.9	28.9	55.2	49.5
MS-08	73	2023-12-08 08:00:00	0.067	3.44	61.7	28.76	54.4	50.2
MS-10	73	2023-12-08 08:00:00	0.034	2.64	357.5	28.96	55.6	51.7
MS-08	73	2023-12-08 09:00:00	0.083	4.56	56.2	28.77	57.4	45.8
MS-11	73	2023-12-08 09:00:00	0.047	7.25	343.8	28.52	55.8	49.2
MS-12	73	2023-12-08 09:00:00	0.033	6.82	334.7	28.84	57.4	46.4
MS-06	73	2023-12-08 09:00:00	0.045	8.33	62.8	28.91	56.9	47.6
MS-08	73	2023-12-08 10:00:00	0.034	4.8	58.3	28.77	60.8	38.3
MS-11	74	2023-12-10 19:00:00	0.034	1.35	195.5	28.54	54	18.8
MS-11	74	2023-12-10 20:00:00	0.053	1.55	201.6	28.53	52.4	20.7
MS-11	74	2023-12-10 21:00:00	0.044	1.44	177	28.53	52	20.4
MS-10	74	2023-12-10 21:00:00	0.044	0.67	84.1	28.97	51.8	25.7
MS-11	74	2023-12-10 22:00:00	0.047	1.63	201.6	28.52	51.2	21.9
MS-10	74	2023-12-10 22:00:00	0.076	0.7	235.3	28.96	49.2	28.5
MS-08	74	2023-12-10 23:00:00	0.03	1.88	272.9	28.75	43.1	32.1
MS-10	74	2023-12-10 23:00:00	0.119	0.7	297.1	28.95	46.8	33.1
MS-11	74	2023-12-10 23:00:00	0.051	1.53	191.5	28.51	51.2	21
MS-06	74	2023-12-11 00:00:00	0.046	1.64	270.9	28.87	45.2	31.1
MS-11	74	2023-12-11 00:00:00	0.074	1.46	186.7	28.48	50.7	21.4
MS-10	74	2023-12-11 00:00:00	0.182	0.67	307.7	28.92	43.8	39.2
MS-08	74	2023-12-11 00:00:00	0.049	1.73	266.2	28.73	41.7	34.5
MS-10	74	2023-12-11 01:00:00	0.363	0.67	305.1	28.92	41.6	50.8
MS-06	74	2023-12-11 01:00:00	0.067	2.05	331.5	28.86	45.1	32
MS-11	74	2023-12-11 01:00:00	0.084	1.51	199.3	28.47	49.3	23.1
MS-08	74	2023-12-11 01:00:00	0.068	1.78	268.8	28.72	40.4	36.8
MS-09	74	2023-12-11 01:00:00	0.044	1.48	342	28.74	41.6	36.1
MS-06	74	2023-12-11 02:00:00	0.058	2.12	271.3	28.85	44.3	31.8
MS-09	74	2023-12-11 02:00:00	0.038	2.27	344.2	28.73	40.4	36.9
MS-11	74	2023-12-11 02:00:00	0.047	2.32	141.7	28.46	50.6	21.2
MS-08	74	2023-12-11 02:00:00	0.071	2.4	268.9	28.71	39.2	38.1
MS-10	74	2023-12-11 02:00:00	0.217	0.67	338.7	28.91	40.6	45.4
MS-09	74	2023-12-11 03:00:00	0.043	1.55	339.9	28.71	40	37.7
MS-10	74	2023-12-11 03:00:00	0.217	0.67	358.4	28.89	38.9	50.1
MS-08	74	2023-12-11 03:00:00	0.069	1.74	274.9	28.69	39.2	37.9
MS-06	74	2023-12-11 03:00:00	0.066	1.73	270.2	28.83	41.3	35.1
MS-06	74	2023-12-11 04:00:00	0.076	1.76	279.4	28.82	40.8	36.2
MS-10	74	2023-12-11 04:00:00	0.202	0.67	22.2	28.88	38.3	51
MS-08	74	2023-12-11 04:00:00	0.086	1.81	275.5	28.68	39.5	38.7
MS-09	74	2023-12-11 04:00:00	0.048	1.86	341.2	28.7	39.9	38.3

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-07	74	2023-12-11 05:00:00	0.032	6.24	9.4	28.69	44.7	30.4
MS-12	74	2023-12-11 05:00:00	0.038	3.41	342.5	28.75	40.2	39.1
MS-11	74	2023-12-11 05:00:00	0.049	1.7	171	28.43	50.4	23
MS-08	74	2023-12-11 05:00:00	0.088	1.91	276.2	28.67	39.7	38.6
MS-06	74	2023-12-11 05:00:00	0.09	1.49	276.4	28.82	39.7	38.5
MS-09	74	2023-12-11 05:00:00	0.055	1.81	8.2	28.69	40.2	38.6
MS-10	74	2023-12-11 05:00:00	0.205	0.67	0.9	28.87	37.8	50.5
MS-12	74	2023-12-11 06:00:00	0.044	3.83	344.6	28.75	39.3	40.4
MS-07	74	2023-12-11 06:00:00	0.036	6.41	8.8	28.69	42.9	32.3
MS-08	74	2023-12-11 06:00:00	0.11	1.5	263.4	28.67	37.6	42.6
MS-11	74	2023-12-11 06:00:00	0.082	1.53	134.1	28.42	50	23.8
MS-06	74	2023-12-11 06:00:00	0.095	2.08	281.6	28.81	38.6	40.6
MS-09	74	2023-12-11 06:00:00	0.06	1.83	22.6	28.69	39.4	39.9
MS-10	74	2023-12-11 06:00:00	0.202	0.67	321.4	28.87	37.2	54.4
MS-10	74	2023-12-11 07:00:00	0.19	0.67	2.6	28.87	38.7	49.4
MS-11	74	2023-12-11 07:00:00	0.134	1.4	171.4	28.42	46.8	32.1
MS-09	74	2023-12-11 07:00:00	0.077	1.33	358.8	28.69	39.8	40.9
MS-08	74	2023-12-11 07:00:00	0.126	1.76	252.4	28.67	37.9	43.2
MS-07	74	2023-12-11 07:00:00	0.041	4.99	4.9	28.69	43.6	32
MS-06	74	2023-12-11 07:00:00	0.111	1.56	236	28.81	39.9	40.5
MS-12	74	2023-12-11 07:00:00	0.062	3.57	334	28.75	39.4	41.5
MS-10	74	2023-12-11 08:00:00	0.178	0.67	128.7	28.88	47.2	38.1
MS-11	74	2023-12-11 08:00:00	0.162	2.52	63.1	28.44	53.1	28.2
MS-07	74	2023-12-11 08:00:00	0.095	2.02	67.2	28.71	51.4	29.3
MS-06	74	2023-12-11 08:00:00	0.117	1.84	97.3	28.83	48.2	31.3
MS-09	74	2023-12-11 08:00:00	0.126	1.26	187.6	28.71	48.9	33.9
MS-12	74	2023-12-11 08:00:00	0.117	1.51	181.6	28.76	49.2	35.1
MS-08	74	2023-12-11 08:00:00	0.217	1.89	242.2	28.69	45.5	39.6
MS-10	74	2023-12-11 09:00:00	0.152	0.73	220.9	28.88	55.5	29.1
MS-06	74	2023-12-11 09:00:00	0.07	2.17	173.5	28.82	55.4	22.5
MS-08	74	2023-12-11 09:00:00	0.331	0.9	193.5	28.69	57.7	29.4
MS-07	74	2023-12-11 09:00:00	0.063	3.19	56.1	28.7	59.1	21.1
MS-12	74	2023-12-11 09:00:00	0.087	1.18	246	28.76	59.3	23.9
MS-11	74	2023-12-11 09:00:00	0.325	2.69	56.4	28.43	59.8	29.2
MS-09	74	2023-12-11 09:00:00	0.206	1.24	184.8	28.7	55.9	28.4
MS-07	74	2023-12-11 10:00:00	0.085	2.68	119.6	28.69	63.2	19.8
MS-08	74	2023-12-11 10:00:00	0.232	1.35	170.1	28.67	63.2	20.2
MS-11	74	2023-12-11 10:00:00	0.375	1.7	3.9	28.42	64.7	27.4
MS-06	74	2023-12-11 10:00:00	0.036	2.57	147.6	28.8	61.4	17.9
MS-09	74	2023-12-11 10:00:00	0.161	1.44	197.6	28.69	62.8	20.3
MS-10	74	2023-12-11 10:00:00	0.11	0.74	214.5	28.86	63.9	20.9
MS-07	74	2023-12-11 11:00:00	0.061	2.72	110.5	28.65	69.1	16

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-09	74	2023-12-11 11:00:00	0.081	1.5	156.4	28.65	68.9	16.5
MS-11	74	2023-12-11 11:00:00	0.36	1.8	21.3	28.38	70.9	23
MS-10	74	2023-12-11 11:00:00	0.033	0.71	223.1	28.81	70.4	16.3
MS-08	74	2023-12-11 11:00:00	0.191	1.5	144.8	28.63	69.4	17.9
MS-08	74	2023-12-11 12:00:00	0.213	1.99	148.3	28.59	73.2	16.8
MS-12	74	2023-12-11 12:00:00	0.047	2.27	182.6	28.66	75.4	14.2
MS-11	74	2023-12-11 12:00:00	0.343	1.6	41.9	28.35	73.7	20.6
MS-07	74	2023-12-11 12:00:00	0.073	4.43	122.6	28.61	72.6	15.3
MS-06	74	2023-12-11 12:00:00	0.051	2.37	84.1	28.72	72.1	14
MS-09	74	2023-12-11 12:00:00	0.158	2.16	178.4	28.6	71.9	16.1
MS-06	74	2023-12-11 13:00:00	0.122	2.68	43.6	28.68	76.5	13.9
MS-12	74	2023-12-11 13:00:00	0.042	3.31	171.8	28.63	78.2	12.9
MS-08	74	2023-12-11 13:00:00	0.156	2.39	188.6	28.56	77.5	14
MS-10	74	2023-12-11 13:00:00	0.065	1.16	103.3	28.73	79.2	14
MS-09	74	2023-12-11 13:00:00	0.164	1.92	115.8	28.57	78	15.2
MS-11	74	2023-12-11 13:00:00	0.318	2.1	29.5	28.31	78.1	18.1
MS-07	74	2023-12-11 13:00:00	0.073	4.87	188.1	28.57	76.3	13.5
MS-09	74	2023-12-11 14:00:00	0.125	5.01	228.2	28.55	77	14.2
MS-12	74	2023-12-11 14:00:00	0.066	2.64	214.5	28.61	78.2	14.1
MS-07	74	2023-12-11 14:00:00	0.102	7.73	275.9	28.55	75.2	15.4
MS-08	74	2023-12-11 14:00:00	0.096	3.19	244.8	28.54	76.7	14.1
MS-11	74	2023-12-11 14:00:00	0.266	2.67	270	28.3	76	17.5
MS-06	74	2023-12-11 14:00:00	0.098	5.67	235.4	28.66	77.5	13.3
MS-10	74	2023-12-11 14:00:00	0.113	3.73	229.3	28.71	78.7	14.2
MS-11	74	2023-12-11 15:00:00	0.345	3.27	250.8	28.29	72.3	21
MS-08	74	2023-12-11 15:00:00	0.13	3.01	265.6	28.53	73.6	16.1
MS-09	74	2023-12-11 15:00:00	0.12	4.26	228.9	28.54	74.4	16
MS-06	74	2023-12-11 15:00:00	0.165	6.38	261.3	28.66	74.7	16.3
MS-12	74	2023-12-11 15:00:00	0.099	1.98	207.3	28.61	74.6	16.4
MS-10	74	2023-12-11 15:00:00	0.182	2.79	242.9	28.71	76	16.9
MS-07	74	2023-12-11 15:00:00	0.14	7.85	280.8	28.55	72.6	18.2
MS-12	74	2023-12-11 16:00:00	0.163	1.71	358.8	28.61	67.8	22.1
MS-09	74	2023-12-11 16:00:00	0.126	1.89	337.2	28.55	68	20.5
MS-08	74	2023-12-11 16:00:00	0.21	2.8	264.1	28.54	68.7	21.2
MS-10	74	2023-12-11 16:00:00	0.179	1.24	229.6	28.72	69.5	20.8
MS-11	74	2023-12-11 16:00:00	0.505	3.6	226.7	28.3	66.6	30.3
MS-07	74	2023-12-11 16:00:00	0.19	8.18	271	28.55	68.8	22.7
MS-06	74	2023-12-11 16:00:00	0.254	4.94	256.7	28.67	69.1	22.4
MS-06	74	2023-12-11 17:00:00	0.313	1.73	282.2	28.68	60.4	31.5
MS-09	74	2023-12-11 17:00:00	0.145	2.27	12.6	28.56	57.7	29.5
MS-08	74	2023-12-11 17:00:00	0.248	1.65	255.2	28.55	56.8	30.3
MS-11	74	2023-12-11 17:00:00	0.671	4.58	218.1	28.3	61.4	39.9

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	74	2023-12-11 17:00:00	0.332	0.67	109.2	28.73	59.5	36.2
MS-07	74	2023-12-11 17:00:00	0.222	4.68	227.2	28.56	63.4	30.6
MS-12	74	2023-12-11 17:00:00	0.201	2.05	336.1	28.62	55	33
MS-08	74	2023-12-11 18:00:00	0.278	1.68	250.9	28.56	49.4	40.3
MS-09	74	2023-12-11 18:00:00	0.161	1.91	359.7	28.57	52.2	35.9
MS-11	74	2023-12-11 18:00:00	0.606	3.97	225.7	28.31	59.3	40.9
MS-07	74	2023-12-11 18:00:00	0.307	1.17	292.2	28.58	55.6	44.7
MS-10	74	2023-12-11 18:00:00	0.281	0.67	299.6	28.74	52.7	40.6
MS-12	74	2023-12-11 18:00:00	0.189	2.05	325.1	28.63	48.2	39.8
MS-06	74	2023-12-11 18:00:00	0.475	2.64	299.8	28.69	56.3	45.5
MS-09	74	2023-12-11 19:00:00	0.156	2.1	6.1	28.58	49.1	39.7
MS-07	74	2023-12-11 19:00:00	0.256	3.25	350.1	28.59	52.4	44.7
MS-10	74	2023-12-11 19:00:00	0.218	0.67	20.2	28.76	48.4	44
MS-12	74	2023-12-11 19:00:00	0.207	2.29	330.7	28.64	44.9	45.9
MS-06	74	2023-12-11 19:00:00	0.443	1.79	281	28.7	51.1	50.1
MS-08	74	2023-12-11 19:00:00	0.281	1.87	252.8	28.56	44.6	47.4
MS-11	74	2023-12-11 19:00:00	0.53	1.22	217.7	28.32	53.2	46.6
MS-07	74	2023-12-11 20:00:00	0.205	4.7	352.7	28.59	49.5	42.9
MS-09	74	2023-12-11 20:00:00	0.156	2.29	27.4	28.59	45.9	44
MS-11	74	2023-12-11 20:00:00	0.498	1.45	214.2	28.33	49.2	52.2
MS-08	74	2023-12-11 20:00:00	0.281	2.15	258.7	28.57	43	50.6
MS-12	74	2023-12-11 20:00:00	0.22	3.48	344.5	28.65	44.6	47.2
MS-10	74	2023-12-11 20:00:00	0.217	0.67	355.9	28.77	45.6	49.4
MS-06	74	2023-12-11 20:00:00	0.351	1.61	263.6	28.71	45.7	52.9
MS-09	74	2023-12-11 21:00:00	0.144	2.21	14.5	28.6	44.3	46
MS-10	74	2023-12-11 21:00:00	0.237	0.67	5.5	28.77	43.3	56
MS-06	74	2023-12-11 21:00:00	0.279	2.18	270	28.72	44.4	51.1
MS-08	74	2023-12-11 21:00:00	0.3	1.79	254.6	28.58	40.6	57.2
MS-07	74	2023-12-11 21:00:00	0.183	4.29	349	28.6	47.9	44.1
MS-12	74	2023-12-11 21:00:00	0.22	3.04	339.9	28.66	42.5	51.1
MS-11	74	2023-12-11 21:00:00	0.359	1.37	175	28.33	49.3	45.1
MS-12	74	2023-12-11 22:00:00	0.232	3.51	340.3	28.66	41.9	52.9
MS-08	74	2023-12-11 22:00:00	0.327	1.83	264.4	28.58	40.4	59.7
MS-10	74	2023-12-11 22:00:00	0.256	0.67	21.4	28.78	41.9	60.5
MS-11	74	2023-12-11 22:00:00	0.306	1.39	167	28.33	47.9	46.2
MS-06	74	2023-12-11 22:00:00	0.27	1.54	258.7	28.72	43.6	51.3
MS-07	74	2023-12-11 22:00:00	0.174	6.31	6.4	28.6	46.2	45.7
MS-09	74	2023-12-11 22:00:00	0.144	2.37	18.5	28.6	43.2	48.3
MS-10	74	2023-12-11 23:00:00	0.238	0.67	28.3	28.78	40.4	63
MS-08	74	2023-12-11 23:00:00	0.295	1.92	253.8	28.58	39.1	60.1
MS-11	74	2023-12-11 23:00:00	0.232	1.43	172.2	28.33	46.8	45.2
MS-09	74	2023-12-11 23:00:00	0.137	1.94	359	28.6	41.8	50.4

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-07	74	2023-12-11 23:00:00	0.166	4.46	353.6	28.6	44.9	47.5
MS-06	74	2023-12-11 23:00:00	0.246	2.25	277.8	28.72	41.8	53.6
MS-12	74	2023-12-11 23:00:00	0.225	3.17	342	28.66	40.5	54.8
MS-06	74	2023-12-12 00:00:00	0.225	1.82	267.8	28.71	39.5	56.4
MS-07	74	2023-12-12 00:00:00	0.151	5.55	353	28.58	43.6	48.4
MS-08	74	2023-12-12 00:00:00	0.236	2.37	263.3	28.57	37.2	60.8
MS-10	74	2023-12-12 00:00:00	0.21	0.68	4.4	28.76	38.6	66.8
MS-12	74	2023-12-12 00:00:00	0.202	3.32	347	28.64	39.5	55.9
MS-09	74	2023-12-12 00:00:00	0.13	2.15	5.5	28.59	39.6	54.2
MS-11	74	2023-12-12 00:00:00	0.153	1.2	186.2	28.31	45.5	44.6
MS-12	74	2023-12-12 01:00:00	0.183	3.27	342.6	28.63	37.8	58
MS-11	74	2023-12-12 01:00:00	0.209	1.43	192.9	28.31	43.4	50.5
MS-09	74	2023-12-12 01:00:00	0.122	1.8	11.3	28.58	38.8	55.7
MS-08	74	2023-12-12 01:00:00	0.224	1.95	259	28.56	35.8	63.1
MS-07	74	2023-12-12 01:00:00	0.133	5.08	357.2	28.58	41.9	50.1
MS-10	74	2023-12-12 01:00:00	0.236	0.67	339.9	28.75	36.6	72.7
MS-06	74	2023-12-12 01:00:00	0.201	1.65	259.2	28.7	37.6	58.3
MS-07	74	2023-12-12 02:00:00	0.12	4.29	355.8	28.58	41.4	50.5
MS-06	74	2023-12-12 02:00:00	0.194	1.82	265.7	28.7	37.1	60.8
MS-11	74	2023-12-12 02:00:00	0.125	1.83	150.3	28.31	43.7	48
MS-08	74	2023-12-12 02:00:00	0.206	1.67	261.8	28.56	35.5	63.4
MS-09	74	2023-12-12 02:00:00	0.118	1.6	18.4	28.58	37.7	58.3
MS-12	74	2023-12-12 02:00:00	0.178	3.53	336.2	28.64	36.2	61.2
MS-10	74	2023-12-12 02:00:00	0.151	0.67	22.4	28.76	35.2	68.3
MS-10	74	2023-12-12 03:00:00	0.106	0.67	11.5	28.75	34.3	69.2
MS-09	74	2023-12-12 03:00:00	0.112	1.64	2.5	28.57	36.1	61.6
MS-06	74	2023-12-12 03:00:00	0.175	1.79	267	28.69	35.5	62.9
MS-11	74	2023-12-12 03:00:00	0.078	1.34	189.5	28.3	42.6	47.9
MS-12	74	2023-12-12 03:00:00	0.171	3.11	339.4	28.63	35.6	62.1
MS-07	74	2023-12-12 03:00:00	0.112	5.97	6.1	28.57	40.2	52.4
MS-08	74	2023-12-12 03:00:00	0.18	1.78	265.2	28.55	34.7	64.1
MS-06	74	2023-12-12 04:00:00	0.163	1.82	265	28.69	35	64.6
MS-08	74	2023-12-12 04:00:00	0.175	1.55	256.6	28.55	33.8	66.5
MS-07	74	2023-12-12 04:00:00	0.1	4.52	355.6	28.57	39.6	53.3
MS-12	74	2023-12-12 04:00:00	0.162	3.02	333.5	28.63	34.4	64.3
MS-10	74	2023-12-12 04:00:00	0.104	0.67	7.8	28.75	33.4	73
MS-09	74	2023-12-12 04:00:00	0.106	1.71	5.7	28.57	36.1	61.9
MS-11	74	2023-12-12 04:00:00	0.059	1.21	191.8	28.3	42	48.4
MS-08	74	2023-12-12 05:00:00	0.163	1.7	267.6	28.56	33	68
MS-12	74	2023-12-12 05:00:00	0.157	3.2	330.5	28.64	33.2	67.2
MS-06	74	2023-12-12 05:00:00	0.149	1.8	267.3	28.7	34.8	64.7
MS-09	74	2023-12-12 05:00:00	0.095	1.56	6.3	28.58	34.9	64.1

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-11	74	2023-12-12 05:00:00	0.04	1.33	205.7	28.31	40.5	51.4
MS-10	74	2023-12-12 05:00:00	0.096	0.67	352.1	28.76	33	74.5
MS-07	74	2023-12-12 05:00:00	0.092	4.38	357.9	28.58	38.5	55.4
MS-06	74	2023-12-12 06:00:00	0.138	2.05	275.7	28.71	35.1	64.7
MS-12	74	2023-12-12 06:00:00	0.158	2.93	333.6	28.64	33.2	67.8
MS-08	74	2023-12-12 06:00:00	0.15	1.88	262.9	28.57	34	66.2
MS-07	74	2023-12-12 06:00:00	0.087	5.55	358.6	28.59	38.5	55.8
MS-10	74	2023-12-12 06:00:00	0.079	0.68	14.7	28.77	32.7	73.9
MS-09	74	2023-12-12 06:00:00	0.092	1.66	3.5	28.59	34.6	65.4
MS-12	74	2023-12-12 07:00:00	0.162	2.21	330.9	28.66	33.6	68.7
MS-07	74	2023-12-12 07:00:00	0.081	4.2	1	28.6	39.2	54.9
MS-06	74	2023-12-12 07:00:00	0.146	1.47	224.5	28.72	37.8	60.7
MS-09	74	2023-12-12 07:00:00	0.106	1.45	27.6	28.6	36.6	63.9
MS-08	74	2023-12-12 07:00:00	0.158	1.92	246.2	28.58	34.3	66.8
MS-10	74	2023-12-12 07:00:00	0.085	0.67	319.4	28.78	35.7	69.9
MS-08	74	2023-12-12 08:00:00	0.215	2.5	244	28.59	40.2	58.8
MS-10	74	2023-12-12 08:00:00	0.087	0.74	120.4	28.79	45.2	52.2
MS-09	74	2023-12-12 08:00:00	0.114	1.22	236.1	28.61	46	48.2
MS-12	74	2023-12-12 08:00:00	0.178	2.65	338.1	28.67	45.4	49.5
MS-07	74	2023-12-12 08:00:00	0.087	4.65	27.1	28.61	46.1	45.4
MS-06	74	2023-12-12 08:00:00	0.148	1.86	184.2	28.74	46.2	46.2
MS-11	74	2023-12-12 08:00:00	0.151	2.58	59.9	28.34	50.3	46.6
MS-07	74	2023-12-12 09:00:00	0.073	3.56	59.5	28.62	55.7	33.4
MS-08	74	2023-12-12 09:00:00	0.247	1.63	218.8	28.61	52.5	39.7
MS-06	74	2023-12-12 09:00:00	0.1	2.04	134.3	28.74	54	34.2
MS-09	74	2023-12-12 09:00:00	0.078	1.32	256.1	28.62	55.1	33.4
MS-10	74	2023-12-12 09:00:00	0.049	1.1	187	28.8	53.8	37.3
MS-11	74	2023-12-12 09:00:00	0.115	2.2	19.3	28.35	58.9	34.7
MS-12	74	2023-12-12 09:00:00	0.129	2.05	338.9	28.68	55.5	33.3
MS-07	74	2023-12-12 10:00:00	0.098	3.15	99.8	28.61	62.5	29.2
MS-10	74	2023-12-12 10:00:00	0.056	1.02	192.1	28.78	63.1	28.2
MS-09	74	2023-12-12 10:00:00	0.113	1.71	166.6	28.61	62	28.9
MS-12	74	2023-12-12 10:00:00	0.169	1.98	174.1	28.66	63.6	28
MS-11	74	2023-12-12 10:00:00	0.09	2.25	7.7	28.34	65.6	28.5
MS-06	74	2023-12-12 10:00:00	0.113	1.54	91.5	28.73	61.9	27.9
MS-08	74	2023-12-12 10:00:00	0.24	1.56	170	28.59	63	30
MS-11	74	2023-12-12 11:00:00	0.083	2.9	4.8	28.32	69.2	25.5
MS-10	74	2023-12-12 11:00:00	0.073	1.76	208.4	28.74	68.9	24.7
MS-12	74	2023-12-12 11:00:00	0.174	2.13	167.3	28.63	70.3	23.2
MS-06	74	2023-12-12 11:00:00	0.127	2.14	130.2	28.69	69.2	23.2
MS-09	74	2023-12-12 11:00:00	0.138	1.61	170.6	28.58	69.2	25.1
MS-07	74	2023-12-12 11:00:00	0.08	3.69	137.5	28.58	69.1	23.6



Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	74	2023-12-12 11:00:00	0.222	1.52	168.1	28.56	69.6	24.7
MS-07	74	2023-12-12 12:00:00	0.077	5.47	156.4	28.54	71.3	22
MS-09	74	2023-12-12 12:00:00	0.146	2.07	192.4	28.54	73.4	22.3
MS-11	74	2023-12-12 12:00:00	0.042	2.2	73	28.28	72.4	21.6
MS-08	74	2023-12-12 12:00:00	0.194	2.2	123	28.53	72.2	22.4
MS-06	74	2023-12-12 12:00:00	0.086	2.87	169.5	28.66	72.6	20
MS-10	74	2023-12-12 12:00:00	0.09	1.74	237	28.7	73.7	21.7
MS-12	74	2023-12-12 12:00:00	0.16	2.78	197.5	28.6	73	21.3
MS-06	74	2023-12-12 13:00:00	0.101	4.76	195.2	28.64	72.4	20.9
MS-09	74	2023-12-12 13:00:00	0.146	4.1	186.9	28.52	73.7	20.9
MS-07	74	2023-12-12 13:00:00	0.066	6.24	216.4	28.53	71.9	21.6
MS-10	74	2023-12-12 13:00:00	0.058	3.45	212.9	28.68	74.2	20.5
MS-11	74	2023-12-12 13:00:00	0.075	3.07	290.1	28.26	73	22.7
MS-12	74	2023-12-12 13:00:00	0.146	3.82	174.7	28.58	73.8	20.7
MS-08	74	2023-12-12 13:00:00	0.158	3.14	190.9	28.51	72.5	22
MS-10	74	2023-12-12 14:00:00	0.151	4.75	230.8	28.68	72.6	25.3
MS-11	74	2023-12-12 14:00:00	0.294	4.14	248.9	28.26	69.7	30.4
MS-12	74	2023-12-12 14:00:00	0.261	2.56	232.8	28.58	73.1	25.9
MS-08	74	2023-12-12 14:00:00	0.255	3.58	259.4	28.51	70.9	26.9
MS-07	74	2023-12-12 14:00:00	0.15	8.4	273.8	28.52	69.2	29.6
MS-09	74	2023-12-12 14:00:00	0.158	4.67	225.2	28.52	71.8	25
MS-06	74	2023-12-12 14:00:00	0.23	6.38	244.5	28.64	71.4	26.7
MS-12	74	2023-12-12 15:00:00	0.3	2.66	188.3	28.59	68.9	30.5
MS-07	74	2023-12-12 15:00:00	0.155	7.54	281.4	28.53	67	32.6
MS-10	74	2023-12-12 15:00:00	0.25	2.9	239	28.69	70.5	29.8
MS-06	74	2023-12-12 15:00:00	0.269	6.34	261.1	28.64	69.2	29.9
MS-08	74	2023-12-12 15:00:00	0.316	2.65	271.5	28.52	68.2	30.8
MS-09	74	2023-12-12 15:00:00	0.185	3.73	234.5	28.53	69.2	29.2
MS-10	74	2023-12-12 16:00:00	0.318	1.2	242.1	28.72	65.5	37.9
MS-09	74	2023-12-12 16:00:00	0.224	1.61	294.8	28.55	64.7	38
MS-08	74	2023-12-12 16:00:00	0.261	2.34	273.8	28.53	63	43.9
MS-12	74	2023-12-12 16:00:00	0.135	1.41	355.6	28.61	61.3	44.5
MS-07	74	2023-12-12 16:00:00	0.202	7.34	274.6	28.55	63.1	45.8
MS-10	74	2023-12-12 17:00:00	0.33	0.78	224.6	28.75	58.4	49.1
MS-07	74	2023-12-12 17:00:00	0.199	3.94	278.8	28.58	58.5	57.8
MS-07	74	2023-12-12 18:00:00	0.185	1.27	314.3	28.6	53.2	67.5
MS-10	74	2023-12-12 18:00:00	0.312	0.67	297.6	28.77	52.3	59
MS-10	74	2023-12-12 19:00:00	0.258	0.67	30.2	28.79	48.2	64
MS-07	74	2023-12-12 19:00:00	0.171	3.52	342.5	28.62	49.8	72.2
MS-07	74	2023-12-12 20:00:00	0.149	4.16	344.7	28.63	47.5	72.2
MS-10	74	2023-12-12 20:00:00	0.153	0.68	14.9	28.81	44.8	63.9
MS-07	74	2023-12-12 21:00:00	0.132	4.57	358.5	28.65	45.6	73.5

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	74	2023-12-12 21:00:00	0.095	0.67	14.9	28.83	42.3	65.4
MS-07	74	2023-12-12 22:00:00	0.105	4.46	353.4	28.66	43.9	72.4
MS-10	74	2023-12-12 22:00:00	0.053	0.67	19.2	28.83	40.2	66.8
MS-07	74	2023-12-12 23:00:00	0.08	3.57	339	28.66	42.9	70.2
MS-07	74	2023-12-13 00:00:00	0.048	4.31	352.3	28.66	41.6	69
MS-10	75	2023-12-13 07:00:00	0.032	0.73	127.6	28.91	44.6	62.6
MS-10	75	2023-12-13 08:00:00	0.045	1.43	347.7	28.93	57.4	41.3
MS-10	76	2023-12-14 00:00:00	0.051	1.7	52.9	28.99	50.9	47.1
MS-08	77	2023-12-14 08:00:00	0.03	2.24	243.1	28.86	45.4	54.8
MS-10	77	2023-12-14 09:00:00	0.032	2.16	157.5	29.08	58.8	37.7
MS-08	78	2023-12-16 00:00:00	0.03	1.98	272.7	28.79	46.5	41.7
MS-10	79	2023-12-16 02:00:00	0.063	0.67	335.4	28.99	45.4	50.7
MS-10	79	2023-12-16 03:00:00	0.05	0.68	338.5	28.99	44.7	50.4
MS-10	79	2023-12-16 04:00:00	0.052	0.74	293.6	28.99	43.5	52.8
MS-10	79	2023-12-16 05:00:00	0.04	0.69	271.6	29	41.4	55.8
MS-10	79	2023-12-16 06:00:00	0.031	0.69	336.7	29.01	40.8	56
MS-10	80	2023-12-16 08:00:00	0.054	0.86	227.7	29.02	52.4	41.6
MS-08	81	2023-12-16 20:00:00	0.03	1.87	267.3	28.77	50.1	36.8
MS-10	82	2023-12-16 22:00:00	0.047	0.71	359.5	28.98	54.5	36
MS-10	83	2023-12-17 22:00:00	0.045	0.69	167.2	28.88	57	31
MS-10	83	2023-12-17 23:00:00	0.084	0.69	145.2	28.88	55.2	33.9
MS-10	83	2023-12-18 00:00:00	0.088	0.68	265.7	28.88	53.7	35.9
MS-10	83	2023-12-18 01:00:00	0.119	0.67	253.8	28.86	51.6	40
MS-10	83	2023-12-18 02:00:00	0.106	0.7	344.1	28.87	51.4	40
MS-07	83	2023-12-18 03:00:00	0.038	4.38	353.4	28.67	55.8	29.1
MS-10	83	2023-12-18 03:00:00	0.079	1.25	258	28.84	52.4	38.2
MS-10	83	2023-12-18 04:00:00	0.111	0.75	1.4	28.85	52.5	40.2
MS-07	83	2023-12-18 04:00:00	0.038	3.41	341.1	28.67	56.1	29.1
MS-10	83	2023-12-18 05:00:00	0.11	0.79	284.1	28.85	52.6	40.4
MS-07	83	2023-12-18 05:00:00	0.06	3.42	338.7	28.67	55.4	30.8
MS-07	83	2023-12-18 06:00:00	0.081	3.89	340	28.67	55	32.9
MS-10	83	2023-12-18 06:00:00	0.133	0.75	321.2	28.85	53.1	40.9
MS-08	83	2023-12-18 07:00:00	0.03	1.54	272.4	28.66	52.3	37.5
MS-07	83	2023-12-18 07:00:00	0.067	4.9	1.2	28.69	55.4	31.6
MS-10	83	2023-12-18 07:00:00	0.171	0.69	13.3	28.86	52.9	44
MS-07	83	2023-12-18 08:00:00	0.085	1.97	19.6	28.71	57.1	31.4
MS-10	83	2023-12-18 08:00:00	0.205	0.67	41.6	28.89	54.7	44
MS-10	83	2023-12-18 09:00:00	0.235	1.13	300.5	28.91	57.2	42.7
MS-07	83	2023-12-18 09:00:00	0.149	3.61	206	28.73	58.1	35.5
MS-08	83	2023-12-18 10:00:00	0.03	1.61	39.4	28.69	60.7	33.4
MS-10	83	2023-12-18 10:00:00	0.217	0.92	223.7	28.9	60.5	38.3
MS-07	83	2023-12-18 10:00:00	0.148	2.11	355.1	28.72	60.3	33.2

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-07	83	2023-12-18 11:00:00	0.102	2.24	178.6	28.7	64.3	26.4
MS-10	83	2023-12-18 11:00:00	0.138	0.8	161.4	28.86	64.7	30.6
MS-07	83	2023-12-18 12:00:00	0.084	2.84	150.5	28.66	65.9	24.7
MS-10	83	2023-12-18 12:00:00	0.109	0.7	194.9	28.83	66.3	27.7
MS-07	83	2023-12-18 13:00:00	0.171	4.82	199.8	28.65	63.4	36.4
MS-10	83	2023-12-18 13:00:00	0.22	1.56	220.5	28.82	64.6	36.4
MS-10	83	2023-12-18 14:00:00	0.52	0.77	330.4	28.83	56.4	67
MS-07	83	2023-12-18 14:00:00	0.231	3.76	337.9	28.66	55.1	70.9
MS-07	83	2023-12-18 15:00:00	0.195	1.94	77	28.66	53.3	80.6
MS-10	83	2023-12-18 15:00:00	0.552	0.68	28	28.84	54	81.3
MS-07	83	2023-12-18 16:00:00	0.16	2.32	238.6	28.66	53	83.9
MS-10	83	2023-12-18 16:00:00	0.531	0.67	223.5	28.83	54.6	81.1
MS-07	83	2023-12-18 17:00:00	0.149	2.23	276.1	28.67	52.5	87
MS-10	83	2023-12-18 17:00:00	0.52	0.67	263.3	28.84	53.8	86.4
MS-08	83	2023-12-18 17:00:00	0.032	1.24	242.9	28.64	52.5	87.8
MS-07	83	2023-12-18 18:00:00	0.127	1.62	50.6	28.67	52.3	89.8
MS-10	83	2023-12-18 18:00:00	0.485	0.67	113.3	28.85	53.4	88.2
MS-08	83	2023-12-18 18:00:00	0.03	0.69	217.1	28.64	52.2	90.5
MS-07	83	2023-12-18 19:00:00	0.11	1.25	303.8	28.67	52.4	90.7
MS-10	83	2023-12-18 19:00:00	0.448	0.67	205.7	28.84	53.4	88.3
MS-07	83	2023-12-18 20:00:00	0.084	1	272.2	28.66	52.5	91.8
MS-10	83	2023-12-18 20:00:00	0.411	0.67	228.9	28.84	53.8	87.8
MS-07	83	2023-12-18 21:00:00	0.064	0.78	208.9	28.67	52.6	92.2
MS-10	83	2023-12-18 21:00:00	0.377	0.67	199.7	28.84	53.7	89.4
MS-10	83	2023-12-18 22:00:00	0.34	0.67	174.5	28.84	53.3	91.5
MS-07	83	2023-12-18 22:00:00	0.046	1.76	357.2	28.67	52.4	93
MS-07	83	2023-12-18 23:00:00	0.032	1.36	25.6	28.66	52.5	93.3
MS-10	83	2023-12-18 23:00:00	0.307	0.67	238.6	28.84	53.1	92.5
MS-10	83	2023-12-19 00:00:00	0.277	0.67	244.3	28.83	53.2	93
MS-08	83	2023-12-19 01:00:00	0.03	0.8	190.4	28.62	52.4	95
MS-10	83	2023-12-19 01:00:00	0.245	0.67	357.7	28.82	53.3	93.1
MS-08	83	2023-12-19 02:00:00	0.031	0.83	204.8	28.61	52.3	95.4
MS-10	83	2023-12-19 02:00:00	0.22	0.67	56.2	28.82	53.3	94
MS-10	83	2023-12-19 03:00:00	0.197	0.67	49.8	28.81	53.4	94.2
MS-08	83	2023-12-19 03:00:00	0.031	0.7	183.1	28.6	52.4	96
MS-10	83	2023-12-19 04:00:00	0.18	0.67	84	28.8	53.6	95
MS-10	83	2023-12-19 05:00:00	0.16	0.67	212	28.8	53.4	95
MS-10	83	2023-12-19 06:00:00	0.137	0.67	256	28.8	53.4	95
MS-10	83	2023-12-19 07:00:00	0.127	0.67	17.5	28.8	53.8	94.7
MS-08	83	2023-12-19 07:00:00	0.03	0.74	208.1	28.6	52.7	96.5
MS-06	83	2023-12-19 08:00:00	0.119	0.67	146.9	28.75	55.9	91
MS-10	83	2023-12-19 08:00:00	0.119	0.67	109.5	28.81	55.4	92.2

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	83	2023-12-19 09:00:00	0.105	0.67	67.6	28.81	57.3	87.9
MS-08	83	2023-12-19 09:00:00	0.03	0.76	203.8	28.61	55.6	92
MS-08	83	2023-12-19 10:00:00	0.031	0.93	205.2	28.59	57.5	89.2
MS-10	83	2023-12-19 10:00:00	0.097	0.67	13	28.79	59.2	84.7
MS-10	83	2023-12-19 11:00:00	0.095	0.72	319.7	28.77	60.2	83.4
MS-10	83	2023-12-19 12:00:00	0.09	0.67	252.6	28.74	59.6	86.7
MS-10	83	2023-12-19 13:00:00	0.083	0.67	217.7	28.74	58.3	91.8
MS-10	83	2023-12-19 14:00:00	0.075	0.67	177.7	28.73	58.4	93.5
MS-10	83	2023-12-19 15:00:00	0.067	0.67	194	28.73	58.6	92.7
MS-10	83	2023-12-19 16:00:00	0.057	0.67	63.7	28.73	58	93.3
MS-10	83	2023-12-19 17:00:00	0.048	0.67	313.4	28.74	57	94.1
MS-10	83	2023-12-19 18:00:00	0.045	0.67	296.1	28.74	56.7	95
MS-10	83	2023-12-19 19:00:00	0.035	0.67	42.1	28.74	56	95
MS-10	83	2023-12-19 20:00:00	0.032	0.67	40.1	28.75	55.9	95.8
MS-08	84	2023-12-20 00:00:00	0.03	0.74	227.3	28.54	54.5	97
MS-08	85	2023-12-20 12:00:00	0.03	1.66	69.8	28.51	56.5	94.3
MS-08	86	2023-12-20 14:00:00	0.031	1.07	288.9	28.51	58.6	90
MS-08	86	2023-12-20 15:00:00	0.031	0.87	216.9	28.5	58	93.3
MS-09	87	2023-12-20 18:00:00	0.239	1.54	150.5	28.6	55.3	94
MS-08	87	2023-12-20 18:00:00	0.03	1.49	57.4	28.56	55	94.4
MS-08	87	2023-12-20 19:00:00	0.03	1.26	271.6	28.55	55.1	95.1
MS-06	88	2023-12-21 08:00:00	0.17	4.11	57.1	28.81	57.8	83.2
MS-09	88	2023-12-21 09:00:00	0.121	3.58	23.5	28.72	57.3	84.2
MS-09	89	2023-12-22 08:00:00	0.046	1.22	141.1	28.66	53.6	95.2
MS-09	89	2023-12-22 09:00:00	0.036	1.54	188.1	28.66	57.2	86.9
MS-08	90	2023-12-22 11:00:00	0.034	1.58	127.4	28.6	61.7	70.8
MS-08	91	2023-12-22 13:00:00	0.032	2.41	61.4	28.57	59.3	74.6
MS-12	91	2023-12-22 14:00:00	0.03	2.6	316.8	28.65	57.9	76.2
MS-08	91	2023-12-22 14:00:00	0.032	1.72	79.2	28.57	56.9	79
MS-08	92	2023-12-22 16:00:00	0.031	1.34	241.7	28.56	53.8	88.1
MS-08	92	2023-12-22 17:00:00	0.031	1.3	260.6	28.58	51.8	89.9
MS-08	92	2023-12-22 18:00:00	0.032	1.2	269.4	28.59	50.4	91.1
MS-08	92	2023-12-22 19:00:00	0.031	1.63	257.3	28.58	47.9	92.4
MS-08	92	2023-12-22 20:00:00	0.031	1.7	266.2	28.59	48.9	89.4
MS-08	92	2023-12-22 21:00:00	0.03	1.19	259.1	28.6	46.6	92
MS-08	93	2023-12-23 00:00:00	0.03	1.85	266.2	28.61	43.7	95.6
MS-08	94	2023-12-23 08:00:00	0.03	1.49	216.1	28.67	43	97.7
MS-08	95	2023-12-23 11:00:00	0.031	3.06	251.5	28.68	60.5	68.2
MS-08	95	2023-12-23 12:00:00	0.031	2.73	235.1	28.67	61.7	64.6
MS-08	95	2023-12-23 13:00:00	0.031	2.58	254.8	28.66	61.3	65.7
MS-08	95	2023-12-23 14:00:00	0.03	2.78	242.9	28.67	61.5	65.9
MS-08	95	2023-12-23 15:00:00	0.03	1.62	206.2	28.68	59.7	72

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	95	2023-12-23 16:00:00	0.032	1.29	234.5	28.69	57.5	79.3
MS-08	96	2023-12-23 20:00:00	0.031	1.42	249.9	28.73	50.7	93.4
MS-08	97	2023-12-23 23:00:00	0.031	1.7	257.6	28.73	47.1	95.6
MS-08	97	2023-12-24 00:00:00	0.03	1.23	279.3	28.74	47.1	96
MS-08	97	2023-12-24 01:00:00	0.03	0.96	260.2	28.75	46.4	95.8
MS-08	97	2023-12-24 02:00:00	0.03	1.06	253.8	28.76	44.9	96.5
MS-08	98	2023-12-24 04:00:00	0.03	0.82	247.1	28.78	44.9	96.5
MS-08	99	2023-12-24 09:00:00	0.03	1.35	172.9	28.85	47.8	93.9
MS-08	99	2023-12-24 10:00:00	0.03	1.74	188.9	28.84	53.8	81.5
MS-08	100	2023-12-24 18:00:00	0.031	1.76	251.1	28.79	50.1	88.1
MS-08	100	2023-12-24 19:00:00	0.03	1.98	257.3	28.79	46.2	92.2
MS-08	100	2023-12-24 20:00:00	0.03	1.72	253.8	28.79	44.5	93.6
MS-08	101	2023-12-25 01:00:00	0.03	1.39	250.2	28.84	39.3	95.8
MS-08	102	2023-12-25 06:00:00	0.03	1.76	266.8	28.83	36.2	96.4
MS-08	103	2023-12-25 10:00:00	0.03	1.45	192.6	28.85	55.4	63.9
MS-10	104	2023-12-25 16:00:00	0.037	1.89	252.4	28.97	63.6	54.5
MS-10	104	2023-12-25 17:00:00	0.05	0.93	257.5	28.99	58.4	65.7
MS-10	104	2023-12-25 18:00:00	0.052	0.67	327.2	29	53.3	76.8
MS-08	104	2023-12-25 18:00:00	0.031	1.21	250.9	28.8	51.7	79.8
MS-10	104	2023-12-25 19:00:00	0.043	0.71	350.6	29	50.2	82.8
MS-08	104	2023-12-25 19:00:00	0.03	1.99	258.1	28.79	47.9	87.4
MS-10	104	2023-12-25 20:00:00	0.036	0.67	26.9	29	48.5	86.5
MS-10	104	2023-12-25 21:00:00	0.032	0.68	356.6	29.02	47.8	87.9
MS-08	104	2023-12-25 21:00:00	0.03	1.3	249.7	28.82	46.4	90.6
MS-08	105	2023-12-25 23:00:00	0.03	1.59	259.1	28.8	45.4	93.2
MS-08	105	2023-12-26 00:00:00	0.03	1.23	242.1	28.8	45.4	93.2
MS-08	106	2023-12-26 08:00:00	0.03	0.98	246	28.82	45.1	90.3
MS-08	106	2023-12-26 09:00:00	0.03	0.79	179.7	28.84	51.6	76.3
MS-08	106	2023-12-26 10:00:00	0.031	0.89	69.3	28.83	58.1	63.1
MS-08	106	2023-12-26 11:00:00	0.03	1.17	216.4	28.81	62.3	52.6
MS-10	107	2023-12-26 16:00:00	0.05	0.91	191.9	28.95	64.7	54.6
MS-10	107	2023-12-26 17:00:00	0.066	0.92	213	28.96	59.6	65.3
MS-10	107	2023-12-26 18:00:00	0.055	0.67	57.2	28.98	55.7	71.9
MS-08	107	2023-12-26 19:00:00	0.03	1.6	253.6	28.79	49.2	85.9
MS-10	107	2023-12-26 19:00:00	0.051	0.67	36.8	28.99	52.3	79.3
MS-08	107	2023-12-26 20:00:00	0.031	1.65	256	28.79	48.5	88.3
MS-10	107	2023-12-26 20:00:00	0.04	0.67	36	29	50.6	81.8
MS-08	107	2023-12-26 21:00:00	0.031	1.94	262.9	28.8	49.3	87.7
MS-10	107	2023-12-26 21:00:00	0.036	0.67	33.8	29.01	49.8	83.8
MS-10	107	2023-12-26 22:00:00	0.036	0.69	34.3	29.03	50.3	83.2
MS-08	107	2023-12-26 22:00:00	0.03	1.08	239.4	28.82	48.8	87.8
MS-08	107	2023-12-26 23:00:00	0.031	1.79	256.7	28.82	47.1	89.7

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-08	107	2023-12-27 00:00:00	0.03	2.28	263.1	28.82	45.8	90.4
MS-08	107	2023-12-27 01:00:00	0.03	1.82	255.3	28.81	44.4	90.7
MS-08	108	2023-12-27 04:00:00	0.03	1.16	257.4	28.8	43.6	93.3
MS-08	109	2023-12-27 09:00:00	0.03	1.57	164.5	28.86	55.7	68.5
MS-08	109	2023-12-27 10:00:00	0.031	1.06	197.1	28.86	58.2	59.2
MS-08	109	2023-12-27 11:00:00	0.03	1.31	128.7	28.82	61.5	52.2
MS-10	110	2023-12-27 16:00:00	0.09	1.76	241.9	28.98	62.7	64.6
MS-10	110	2023-12-27 17:00:00	0.094	1.05	236.5	29	56.7	79.5
MS-08	110	2023-12-27 17:00:00	0.03	1.2	256.6	28.8	54.2	83.2
MS-10	110	2023-12-27 18:00:00	0.079	0.67	235	29	52.4	87
MS-08	110	2023-12-27 19:00:00	0.03	1.97	261.6	28.81	48.1	92.7
MS-10	110	2023-12-27 19:00:00	0.065	0.7	276.1	29.02	50.4	89.6
MS-10	110	2023-12-27 20:00:00	0.042	0.67	6.3	29.02	48.6	90.4
MS-08	110	2023-12-27 20:00:00	0.03	1.77	252.8	28.82	46.3	93.3
MS-08	111	2023-12-28 21:00:00	0.031	1.76	276.7	28.8	45.1	81.5
MS-08	111	2023-12-28 22:00:00	0.03	1.73	272	28.8	45.8	80.5
MS-08	111	2023-12-28 23:00:00	0.031	1.66	269.1	28.8	45.8	80.7
MS-08	111	2023-12-29 00:00:00	0.03	2.11	257.8	28.79	45.1	80.5
MS-08	111	2023-12-29 01:00:00	0.03	1.26	248.9	28.79	44.5	82.4
MS-08	112	2023-12-29 08:00:00	0.031	0.75	252.6	28.81	46.2	85.6
MS-08	112	2023-12-29 09:00:00	0.03	0.92	169.7	28.82	55	65.2
MS-10	112	2023-12-29 09:00:00	0.038	0.86	196.5	29.03	52.5	70
MS-08	112	2023-12-29 10:00:00	0.031	1.05	141.2	28.82	60.5	54.2
MS-10	112	2023-12-29 10:00:00	0.038	1.06	200.4	29.02	58	58.5
MS-10	113	2023-12-29 16:00:00	0.114	2.2	204.9	28.91	62.9	62.9
MS-10	113	2023-12-29 17:00:00	0.159	0.79	49.1	28.92	55.2	85.2
MS-10	113	2023-12-29 18:00:00	0.109	0.67	79	28.93	50.6	86.6
MS-10	113	2023-12-29 19:00:00	0.056	0.67	31.2	28.94	47.6	84.9
MS-10	113	2023-12-29 20:00:00	0.04	0.67	38	28.94	46.3	87.4
MS-10	113	2023-12-29 21:00:00	0.042	0.67	55.9	28.96	47.4	86.3
MS-10	113	2023-12-29 22:00:00	0.064	0.77	45.8	28.96	48	88.2
MS-10	113	2023-12-29 23:00:00	0.032	0.71	334.2	28.96	48.9	82.4
MS-10	113	2023-12-30 00:00:00	0.068	0.68	199.7	28.95	49.7	86.7
MS-10	113	2023-12-30 01:00:00	0.078	0.73	272	28.94	49.3	91.1
MS-10	113	2023-12-30 02:00:00	0.072	0.68	310.2	28.93	48.2	92.8
MS-10	113	2023-12-30 03:00:00	0.06	0.83	26.6	28.91	48.8	90.7
MS-10	113	2023-12-30 04:00:00	0.075	0.73	0.8	28.9	50.3	90.5
MS-10	113	2023-12-30 05:00:00	0.097	0.81	284.1	28.91	50.8	93.9
MS-10	113	2023-12-30 06:00:00	0.084	0.86	28.6	28.92	49.9	94.6
MS-10	113	2023-12-30 07:00:00	0.069	0.67	207.8	28.93	48.9	95
MS-10	113	2023-12-30 08:00:00	0.086	0.67	338.4	28.95	50.1	95.7
MS-10	113	2023-12-30 09:00:00	0.081	0.67	14.4	28.96	51	94.3

Table A-1  
1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	113	2023-12-30 10:00:00	0.109	1.26	51.1	28.95	55.2	82.9
MS-10	113	2023-12-30 11:00:00	0.094	1.14	23.3	28.93	56.7	76.8
MS-10	113	2023-12-30 12:00:00	0.089	1.89	24.8	28.91	57.6	73.7
MS-10	113	2023-12-30 13:00:00	0.087	4.73	219.5	28.9	59.2	68.7
MS-10	113	2023-12-30 14:00:00	0.057	4.98	229.3	28.89	59.7	67.4

Table A-2

24-Hour Average PM<sub>2.5</sub> and PM<sub>10</sub> Community Monitoring Station Data



Table A-2  
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	1	2023-10-01	2.95	2.1	354.8	28.64	57	71.9
MS-12	1	2023-10-02	2.83	2.39	340.6	28.72	58.4	72.2
MS-12	2	2023-10-09	2.95	2.31	333.7	28.59	66.7	59
MS-12	2	2023-10-10	3.73	2.23	338.1	28.52	62.1	73.1
MS-12	2	2023-10-11	4.67	4.59	345.7	28.46	63.2	58.5
MS-12	2	2023-10-12	3.78	4.53	335.9	28.53	66.4	37.3
MS-12	2	2023-10-13	2.72	2.26	324.6	28.65	62.4	47.7
MS-12	2	2023-10-14	3.51	2.45	337.2	28.78	62.4	58.1
MS-12	3	2023-10-16	2.54	2.64	325.1	28.74	68.2	44.6
MS-12	3	2023-10-17	3.69	2.59	332.1	28.66	67.7	51.2
MS-12	3	2023-10-18	4.02	2.57	336.2	28.68	69.9	50.5
MS-12	3	2023-10-19	3.27	2.65	332.3	28.71	71.3	44.7
MS-12	3	2023-10-20	3.09	2.61	336.2	28.66	71.7	49.3
MS-12	3	2023-10-21	2.74	2.87	343	28.6	66.2	58.6
MS-12	3	2023-10-22	2.64	2.77	325.2	28.56	60.7	71.3
MS-12	4	2023-10-24	2.71	2.29	327.3	28.58	60.7	73.6
MS-12	4	2023-10-25	4.47	2.08	186	28.73	62.1	80.4
MS-12	4	2023-10-26	4.46	2.12	320.5	28.74	60.3	74.9
MS-12	4	2023-10-27	4.11	2.38	332.2	28.75	56.7	72.4
MS-12	5	2023-10-29	4.08	7.02	315.2	28.86	62.6	18.7
MS-12	6	2023-11-03	2.95	2.61	330.2	28.8	59.7	38.6
MS-12	6	2023-11-04	3.45	2.7	330.5	28.79	60.1	42.2
MS-12	6	2023-11-05	3.4	2.75	330.6	28.71	60.8	49.2
MS-12	6	2023-11-06	3.01	2.82	330.3	28.69	58.9	66
MS-12	6	2023-11-07	4.19	3.47	351.4	28.74	58.8	65
MS-12	7	2023-11-10	2.84	2.78	325.5	28.8	52.2	33.4
MS-12	7	2023-11-11	2.66	4.23	326.2	28.83	55.7	28.3
MS-12	8	2023-11-13	3.01	2.83	328.2	28.76	53.5	39.5
MS-12	8	2023-11-14	3.28	2.56	328	28.75	53.3	47.5
MS-12	8	2023-11-15	3.23	1.84	333.9	28.71	52.8	71.2
MS-10	8	2023-11-15	4.59	1.11	270.7	28.83	52.5	72.3
MS-12	8	2023-11-16	4.4	1.29	313.8	28.76	58.7	87.3
MS-10	8	2023-11-16	5.31	1.07	199.4	28.87	59.4	85.5
MS-12	8	2023-11-17	2.56	2.21	333.7	28.74	58.7	77.4
MS-10	8	2023-11-17	3.16	1.88	338.3	28.85	59.3	75
MS-10	9	2023-11-19	3.22	2.02	349.6	28.96	56.6	62.6
MS-12	9	2023-11-20	4.69	7.75	331.2	28.97	59.9	27
MS-10	9	2023-11-20	5.46	2.33	10.6	29.08	59.5	28.6
MS-12	10	2023-11-23	2.53	2.71	335.5	28.59	55.6	53.5
MS-12	10	2023-11-24	2.97	2.49	330.6	28.66	51.6	71
MS-10	10	2023-11-24	3.85	1.47	293.3	28.77	53.3	69.5
MS-10	11	2023-11-30	2.64	1.11	342.6	28.79	51.2	73.5

Table A-2  
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	11	2023-11-30	2.99	2.17	330.2	28.68	50.4	77.7
MS-10	12	2023-12-06	3.48	1.5	293.5	28.94	56.4	58.3
MS-10	13	2023-12-11	2.71	0.94	328.7	28.81	52.6	38.6
MS-12	13	2023-12-12	2.53	2.67	330.3	28.64	48.9	54
MS-10	13	2023-12-12	2.8	1.2	325.2	28.76	49.7	53.4
MS-10	14	2023-12-16	3.17	1.47	358.1	28.97	57.6	33.9
MS-10	15	2023-12-18	2.79	0.79	246	28.85	55.3	58
MS-12	15	2023-12-19	4.38	1	321.8	28.65	55.9	94
MS-10	15	2023-12-19	5.71	0.67	29.7	28.77	56	92.9
MS-11	15	2023-12-19	3.59	1.81	103.3	28.33	55.2	92.7
MS-12	15	2023-12-20	2.68	2.11	25.5	28.62	56.8	92.8
MS-10	15	2023-12-20	2.61	1.05	26.3	28.74	57	93.3
MS-12	16	2023-12-23	2.65	2.08	349.3	28.76	51.2	85.6
MS-10	16	2023-12-23	3.06	1.42	213.6	28.88	54.8	79.9
MS-10	16	2023-12-24	3.78	1.11	324.5	29	52.6	79.1
MS-11	16	2023-12-24	3.12	1.99	332.4	28.55	53.1	78.7
MS-12	16	2023-12-24	4.24	2.04	332.3	28.88	50.9	84
MS-10	17	2023-12-27	3.49	0.88	317.6	29.01	52.2	77.4
MS-12	17	2023-12-27	3.5	1.88	336.4	28.9	51.5	79.1
MS-11	17	2023-12-27	2.83	1.8	219.2	28.57	53.7	74.5
MS-10	17	2023-12-28	3.16	1.15	2.7	29.01	52.2	68.3
MS-12	17	2023-12-28	3.9	2.57	330.2	28.9	50.5	72.2
MS-11	17	2023-12-28	3.29	1.87	233.6	28.57	54.2	65
MS-12	17	2023-12-29	4.74	1.86	325.4	28.85	51.4	74.9
MS-11	17	2023-12-29	4.35	2.11	208	28.53	55.6	65.1
MS-10	17	2023-12-29	4.9	0.84	89	28.97	52.3	72.7
MS-10	17	2023-12-30	5.66	1.4	307.6	28.93	51.8	86.5
MS-12	17	2023-12-30	5.46	1.98	330.1	28.81	51.2	88.6
MS-11	17	2023-12-30	4.28	2.23	205.6	28.49	51.1	88.2
MS-10	17	2023-12-31	2.72	0.71	12.7	28.96	46.8	88.3
MS-12	17	2023-12-31	2.6	1.88	337	28.84	46.3	89.5

Table A-2  
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	1	2023-10-01	3.68	2.1	354.8	28.64	57	71.9
MS-12	1	2023-10-02	4.37	2.39	340.6	28.72	58.4	72.2
MS-12	1	2023-10-03	4.67	2.56	327.6	28.7	64.2	62.1
MS-12	1	2023-10-04	5.3	4.14	329.3	28.69	69.1	51.5
MS-12	1	2023-10-05	4.28	3.56	335.4	28.73	72.1	44.9
MS-12	1	2023-10-06	4.34	3.67	334.1	28.69	72.4	44.6
MS-12	1	2023-10-07	5.91	2.6	329	28.65	72.9	45.3
MS-12	1	2023-10-08	4.59	2.45	335	28.64	72.5	49.7
MS-12	1	2023-10-09	6.46	2.31	333.7	28.59	66.7	59
MS-12	1	2023-10-10	6.28	2.23	338.1	28.52	62.1	73.1
MS-07	1	2023-10-11	3.12	7.24	0.4	28.4	63	59.8
MS-12	1	2023-10-11	11.44	4.59	345.7	28.46	63.2	58.5
MS-08	1	2023-10-11	2.89	3.36	327.2	28.36	62.9	58
MS-12	1	2023-10-12	12.37	4.53	335.9	28.53	66.4	37.3
MS-08	1	2023-10-12	2.8	2.87	347.8	28.44	65.3	38.7
MS-07	1	2023-10-12	3.35	7.59	27.3	28.47	68	33.7
MS-12	1	2023-10-13	6.28	2.26	324.6	28.65	62.4	47.7
MS-12	1	2023-10-14	7.11	2.45	337.2	28.78	62.4	58.1
MS-12	1	2023-10-15	5.52	3.51	330.6	28.8	67.4	45.5
MS-12	1	2023-10-16	6.59	2.64	325.1	28.74	68.2	44.6
MS-12	1	2023-10-17	7.99	2.59	332.1	28.66	67.7	51.2
MS-12	1	2023-10-18	8.14	2.57	336.2	28.68	69.9	50.5
MS-12	1	2023-10-19	8.05	2.65	332.3	28.71	71.3	44.7
MS-12	1	2023-10-20	6.74	2.61	336.2	28.66	71.7	49.3
MS-12	1	2023-10-21	6.09	2.87	343	28.6	66.2	58.6
MS-12	1	2023-10-22	4.62	2.77	325.2	28.56	60.7	71.3
MS-12	1	2023-10-23	4.33	2.23	347.4	28.52	62.1	74.6
MS-12	1	2023-10-24	5.03	2.29	327.3	28.58	60.7	73.6
MS-12	1	2023-10-25	5.82	2.08	186	28.73	62.1	80.4
MS-12	1	2023-10-26	7.38	2.12	320.5	28.74	60.3	74.9
MS-12	1	2023-10-27	9.3	2.38	332.2	28.75	56.7	72.4
MS-12	1	2023-10-28	5.62	2.92	348	28.72	57.5	48.5
MS-07	1	2023-10-29	4.29	14.6	60.3	28.8	62.7	17.4
MS-12	1	2023-10-29	17.71	7.02	315.2	28.86	62.6	18.7
MS-11	1	2023-10-29	2.51	7.29	8	28.54	61.5	17.8
MS-08	1	2023-10-29	5.1	4.6	62	28.78	61.4	20.2
MS-12	1	2023-10-30	4.26	6.58	331.1	28.88	64.4	14.6
MS-12	1	2023-10-31	4.18	5.02	334.4	28.85	63.5	17.2
MS-12	1	2023-11-01	4.51	3.95	328.7	28.81	61.5	22.3
MS-12	1	2023-11-02	5.63	2.76	324.4	28.82	58.6	31.7
MS-12	1	2023-11-03	6.47	2.61	330.2	28.8	59.7	38.6
MS-12	1	2023-11-04	6.6	2.7	330.5	28.79	60.1	42.2

Table A-2  
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	1	2023-11-05	6.4	2.75	330.6	28.71	60.8	49.2
MS-12	1	2023-11-06	5.4	2.82	330.3	28.69	58.9	66
MS-12	1	2023-11-07	6.03	3.47	351.4	28.74	58.8	65
MS-12	1	2023-11-08	6.48	4.5	325.3	28.85	58.6	38.4
MS-12	1	2023-11-09	4.29	4.7	325.2	28.87	58.7	24.7
MS-12	1	2023-11-10	7.11	2.78	325.5	28.8	52.2	33.4
MS-12	1	2023-11-11	5.61	4.23	326.2	28.83	55.7	28.3
MS-12	1	2023-11-12	4.96	2.91	330.1	28.78	56.1	28.3
MS-12	1	2023-11-13	6.81	2.83	328.2	28.76	53.5	39.5
MS-12	1	2023-11-14	8.12	2.56	328	28.75	53.3	47.5
MS-10	1	2023-11-14	4.98	1.11	318.3	28.87	53.9	49.1
MS-10	1	2023-11-15	6.23	1.11	270.7	28.83	52.5	72.3
MS-12	1	2023-11-15	5.6	1.84	333.9	28.71	52.8	71.2
MS-10	1	2023-11-16	5.86	1.07	199.4	28.87	59.4	85.5
MS-12	1	2023-11-16	6.9	1.29	313.8	28.76	58.7	87.3
MS-12	1	2023-11-17	3.91	2.21	333.7	28.74	58.7	77.4
MS-10	1	2023-11-17	3.76	1.88	338.3	28.85	59.3	75
MS-12	2	2023-11-19	5.51	5.68	351	28.85	56	64.6
MS-10	2	2023-11-19	5.37	2.02	349.6	28.96	56.6	62.6
MS-08	2	2023-11-20	3.16	4.62	61.2	28.9	58.9	27.6
MS-12	2	2023-11-20	14.2	7.75	331.2	28.97	59.9	27
MS-07	2	2023-11-20	3.53	12.92	43.6	28.91	59.6	26.1
MS-10	2	2023-11-20	11.81	2.33	10.6	29.08	59.5	28.6
MS-10	2	2023-11-21	3.6	2.06	356.7	29.18	61.3	27.7
MS-08	2	2023-11-22	2.55	2.33	285.6	28.79	55.4	41.2
MS-08	2	2023-11-23	5.13	2.1	251.2	28.51	54.4	55.2
MS-12	2	2023-11-23	4.03	2.71	335.5	28.59	55.6	53.5
MS-10	2	2023-11-23	3.41	1.51	332.8	28.7	56.3	53.4
MS-12	2	2023-11-24	4.19	2.49	330.6	28.66	51.6	71
MS-10	2	2023-11-24	4.6	1.47	293.3	28.77	53.3	69.5
MS-10	2	2023-11-25	3.33	1.55	11.8	28.93	49.5	53.2
MS-12	2	2023-11-25	3.21	4.7	332.1	28.81	49.8	50.2
MS-10	3	2023-11-28	3.02	0.98	2.6	28.98	53.7	42.5
MS-12	3	2023-11-28	3.52	2.46	325.7	28.86	51.9	42.2
MS-12	3	2023-11-29	2.97	2.67	335.6	28.73	48.6	68.7
MS-10	3	2023-11-29	2.88	1.57	310.6	28.84	49	67.8
MS-10	3	2023-11-30	3.47	1.11	342.6	28.79	51.2	73.5
MS-12	3	2023-11-30	4.33	2.17	330.2	28.68	50.4	77.7
MS-12	3	2023-12-01	3.11	6.75	348.3	28.77	55.3	47.5
MS-10	3	2023-12-01	3.11	3	342.8	28.89	54.8	50.5
MS-12	3	2023-12-02	3.41	2.55	332.1	28.9	49.5	57
MS-10	3	2023-12-02	3.03	1.51	250.1	29.02	51	54.9

Table A-2  
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	3	2023-12-03	2.77	2.48	346.1	28.92	51.6	63.3
MS-10	3	2023-12-03	2.66	1.17	292.8	29.03	52.3	62.6
MS-10	3	2023-12-04	2.67	1.32	3	29	59.7	47.3
MS-12	3	2023-12-04	2.58	3.9	331.2	28.89	59.9	44.4
MS-12	3	2023-12-05	2.64	4.19	336.3	28.89	62.6	38.4
MS-12	3	2023-12-06	4.32	2.33	328.6	28.83	55.5	57.3
MS-10	3	2023-12-06	5.12	1.5	293.5	28.94	56.4	58.3
MS-10	3	2023-12-07	3.07	1.98	344.5	28.93	54.5	56.1
MS-12	3	2023-12-07	3.41	4.05	343	28.81	50.8	59.8
MS-10	3	2023-12-08	2.87	2	359.4	28.93	56.6	44.6
MS-10	3	2023-12-09	2.61	2.7	8.9	29.14	56.6	23.6
MS-12	3	2023-12-09	3.62	7.26	319.6	29.03	57	22.3
MS-10	4	2023-12-11	4.98	0.94	328.7	28.81	52.6	38.6
MS-12	4	2023-12-11	4.47	2.78	329.6	28.7	52.6	32.9
MS-10	4	2023-12-12	4.55	1.2	325.2	28.76	49.7	53.4
MS-12	4	2023-12-12	5.54	2.67	330.3	28.64	48.9	54
MS-11	4	2023-12-12	3.86	2.17	206.5	28.32	53.3	49.3
MS-12	4	2023-12-13	2.99	4.14	330.2	28.79	52.5	45.9
MS-10	4	2023-12-13	3.51	1.44	357.8	28.91	52.6	47.3
MS-10	4	2023-12-14	2.9	1.54	353.6	29.03	54.3	42
MS-12	4	2023-12-14	3.26	3.4	327.7	28.91	53.1	41.5
MS-12	4	2023-12-15	3.41	4.65	323.6	28.92	56.6	34
MS-10	4	2023-12-15	2.84	1.68	358.2	29.03	59.1	32.1
MS-10	4	2023-12-16	4.25	1.47	358.1	28.97	57.6	33.9
MS-12	4	2023-12-16	3.21	3.66	323.5	28.86	56.1	32.6
MS-12	5	2023-12-18	3.87	1.71	4	28.73	55.5	56.8
MS-10	5	2023-12-18	4.02	0.79	246	28.85	55.3	58
MS-11	5	2023-12-18	2.51	1.71	199.2	28.41	56.3	54
MS-11	5	2023-12-19	4.13	1.81	103.3	28.33	55.2	92.7
MS-10	5	2023-12-19	5.99	0.67	29.7	28.77	56	92.9
MS-12	5	2023-12-19	4.85	1	321.8	28.65	55.9	94
MS-12	5	2023-12-20	3.19	2.11	25.5	28.62	56.8	92.8
MS-10	5	2023-12-20	2.88	1.05	26.3	28.74	57	93.3
MS-10	6	2023-12-23	3.62	1.42	213.6	28.88	54.8	79.9
MS-11	6	2023-12-23	2.93	2.21	169	28.44	52.1	83.6
MS-12	6	2023-12-23	4.1	2.08	349.3	28.76	51.2	85.6
MS-12	6	2023-12-24	5.79	2.04	332.3	28.88	50.9	84
MS-11	6	2023-12-24	3.61	1.99	332.4	28.55	53.1	78.7
MS-10	6	2023-12-24	4.27	1.11	324.5	29	52.6	79.1
MS-10	6	2023-12-25	2.54	1.1	326.6	29.01	50.6	76.1
MS-12	6	2023-12-25	3.11	2.01	329.8	28.9	50.1	77.3
MS-12	6	2023-12-26	5.01	1.86	326.1	28.88	52.8	76.9

Table A-2  
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-10	6	2023-12-26	2.98	0.84	354.4	29	53.7	73.7
MS-11	6	2023-12-27	3.58	1.8	219.2	28.57	53.7	74.5
MS-12	6	2023-12-27	5.25	1.88	336.4	28.9	51.5	79.1
MS-10	6	2023-12-27	4.48	0.88	317.6	29.01	52.2	77.4
MS-10	6	2023-12-28	3.67	1.15	2.7	29.01	52.2	68.3
MS-11	6	2023-12-28	3.79	1.87	233.6	28.57	54.2	65
MS-12	6	2023-12-28	6.44	2.57	330.2	28.9	50.5	72.2
MS-12	6	2023-12-29	7.59	1.86	325.4	28.85	51.4	74.9
MS-11	6	2023-12-29	4.92	2.11	208	28.53	55.6	65.1
MS-10	6	2023-12-29	5.7	0.84	89	28.97	52.3	72.7
MS-10	6	2023-12-30	6.03	1.4	307.6	28.93	51.8	86.5
MS-12	6	2023-12-30	6.3	1.98	330.1	28.81	51.2	88.6
MS-11	6	2023-12-30	4.7	2.23	205.6	28.49	51.1	88.2
MS-10	6	2023-12-31	3.14	0.71	12.7	28.96	46.8	88.3
MS-12	6	2023-12-31	3.52	1.88	337	28.84	46.3	89.5



Table A-3

2-Hour Average PM<sub>2.5</sub> and PM<sub>10</sub> Community Monitoring Station Data

Table A-3  
2-Hour Average PM2.5 Community Monitoring Station Data


Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%

No Exceedance Events



Table A-3  
 24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%
MS-12	1	2023-10-11 20:00:00	27.55	7.48	339.2	28.45	64.5	41.4
MS-12	1	2023-10-11 22:00:00	34	6.26	353.2	28.45	65.1	38.7
MS-12	2	2023-10-27 06:00:00	28.08	2.41	346.5	28.76	44.8	89.9
MS-12	3	2023-10-29 06:00:00	25.68	5.1	295	28.86	57.6	22
MS-12	3	2023-10-29 08:00:00	41.66	8.48	327.2	28.91	59.7	20
MS-12	3	2023-10-29 10:00:00	38.35	10.43	313.2	28.92	63.8	16.1
MS-12	3	2023-10-29 12:00:00	27.59	8.67	294.3	28.88	68.5	13
MS-12	4	2023-11-20 12:00:00	30.64	11.41	314.8	28.94	66.3	17.2



Appendix B  
Fourth Quarter 2023 Community Air Monitoring Station  
Monitoring Data (1-Hour Averages)

Since the continuous monitoring data presented in this report includes only exceedance events, the complete 1-hour data set is included as a separate, linked attachment. The one-hour continuous monitoring data for the off-site air monitoring stations (MS-06 through MS-12) referenced in this quarterly report can be accessed on the Los Angeles Department of Regional Planning website for the Chiquita Canyon Landfill Community Advisory Committee:

[Documents - LA County Planning](#)

Appendix C

Fourth Quarter 2023 Community Air Monitoring Station

Reporting Thresholds




Table C-1  
Discrete Sampling Reporting Thresholds

**Table C-1  
Discrete Sampling Reporting Thresholds**

Compound <sup>1</sup>	CAS No.	REL in µg/m <sup>3</sup> <sup>2</sup>
Benzene	71-43-2	27
Benzyl chloride	100-44-7	240
Chlorobenzene	108-90-7	1000
1,2-Dibromoethane	106-93-4	0.8
Dichlorobenzenes <sup>3</sup>	106-46-7	800
1,1-Dichloroethane	75-34-3	N/A
1,2-Dichloroethane	106-06-2	400
1,1-Dichloroethene	75-35-4	70
Dichloromethane	75-09-2	14,000
Hydrogen Sulfide	7783-06-4	42 <sup>4</sup>
Tetrachloroethene	128-18-4	20,000
Tetrachloromethane	56-23-5	1,900
Toluene	108-88-3	5,000
1,1,1-Trichloroethane	71-55-6	68,000
Trichloroethene	79-01-6	600
Vinyl chloride	75-01-4	180,000
Xylenes	1330-20-7	22,000

**Notes**

<sup>1</sup> List of compounds from SCAQMD Rule 1150.1, Table 1 Toxic Air Contaminant List

<sup>2</sup> RELs based on OEHHA REL for Acute Hazard Index Target Organ Systems (Table 6.1 from the February 2015 Air Toxics Hot Spots Program Guidance Manual).

<sup>3</sup> Includes meta, para, and ortho isomers. Para CAS used for REL.

<sup>4</sup> Based on CAAQS

**Acronyms**

CAAQS - California Ambient Air Quality Standards


CAS - Chemical Abstracts Service Chemical Registry Number

OEHHA - California Office of Health Hazard Assessment

REL - Reference Exposure Levels

SCAQMD - South Coast Air Quality Management District

µg/m<sup>3</sup> - micrograms per cubic meter



Appendix D  
Fourth Quarter 2023 Discrete Sampling Lab Reports



## LABORATORY ANALYSIS REPORT

### Methane Analysis in Tedlar Bag Samples

Report Date: October 24, 2023  
Client: SCS Field Services  
Project Location: Chiquita Canyon Off site  
Project No.: 01204123.21 Task 18  
Date Received: October 4, 2023  
Date Analyzed: October 5, 2023

### ANALYSIS DESCRIPTION

*Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.*

AtmAA Lab No.	Sample ID	Methane (Concentration in ppmv)
22773-40	MS-07	1.90
22773-41	MS-08	0.98
22773-42	MS-12	0.79

Brian W. Fung  
Laboratory Director



QUALITY ASSURANCE SUMMARY  
(Repeat Analysis)

Project Location: Chiquita Canyon Off site  
 Date Received: October 4, 2023  
 Date Analyzed: October 5, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
<i>(Concentration in ppmv)</i>					
Methane	MS-07	2.01	1.78	1.90	12

*Three Tedlar bag samples, laboratory numbers 22773-(40-42), were analyzed for methane. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The % RPD for 1 repeat measurement from 3 Tedlar bag samples is 12%.*





LABORATORY ANALYSIS REPORT

specialized air assessment laboratory  
atmaa.com

TO-15 Component Analysis in Tedlar Bag Sample, by GC/MS

Report Date: October 24, 2023  
Client: SCS Field Services  
Project Location: Chiquita Canyon Off site  
Project No.: 01204123.21 Task 18  
Date Received: October 4, 2023  
Date Analyzed: October 6, 2023

AtmAA Lab No.:	22773-40	22773-41	22773-42
Sample ID:	MS-07	MS-08	MS-12
Components	(Concentrations in ppbv)		
Freon 12	<0.20	0.36	0.35
Chloromethane	<0.25	0.50	0.45
Freon 114	<0.15	<0.15	<0.15
Vinyl Chloride	<0.20	<0.20	<0.20
1,3-Butadiene	<0.30	<0.30	<0.30
Bromomethane	<0.30	<0.30	<0.30
Chloroethane	<0.25	<0.25	<0.25
Acetone	17.9	16.8	11.1
Freon 11	<0.20	<0.20	<0.20
Isopropyl Alcohol	5.34	2.17	6.93
1,1-Dichloroethene	<0.30	<0.30	<0.30
Methylene Chloride	<0.30	<0.30	<0.30
Carbon Disulfide	<0.20	<0.20	<0.20
Freon 113	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	<0.30	<0.30	<0.30
1,1-Dichloroethane	<0.30	<0.30	<0.30
MTBE	<0.30	<0.30	<0.30
Vinyl Acetate	<0.30	<0.30	<0.30
2-Butanone	0.75	0.52	<0.35
cis-1,2-Dichloroethene	<0.30	<0.30	<0.30
n-Hexane	0.36	1.14	0.45
Chloroform	<0.20	<0.20	<0.20
Ethyl Acetate	1.24	1.10	<0.30
Tetrahydrofuran	0.22	<0.20	<0.20
1,2-Dichloroethane	<0.30	<0.30	<0.30
1,1,1-Trichloroethane	<0.20	<0.20	<0.20
Benzene	0.23	0.16	<0.15
Carbon Tetrachloride	<0.20	<0.20	<0.20
Cyclohexane	<0.30	<0.30	<0.30
1,2-Dichloropropane	<0.30	<0.30	<0.30
Bromodichloromethane	<0.30	<0.30	<0.30
Trichloroethene	<0.20	<0.20	<0.20
1,4-Dioxane	<0.30	<0.30	<0.30
n-Heptane	<0.30	<0.30	<0.30
cis-1,3-Dichloropropene	<0.30	<0.30	<0.30
4-Methyl-2-pentanone	<0.30	<0.30	<0.30
trans-1,3-Dichloropropene	<0.30	<0.30	<0.30
1,1-2-Trichloroethane	<0.30	<0.30	<0.30
Toluene	0.86	1.06	<0.25
2-Hexanone	<0.30	<0.30	<0.30
Dibromochloromethane	<0.25	<0.25	<0.25
1,2-Dibromoethane	<0.15	<0.15	<0.15
Tetrachloroethene	<0.15	<0.15	0.30
Chlorobenzene	<0.25	<0.25	<0.25
Ethylbenzene	<0.20	<0.20	<0.20
m,p-Xylene	<0.20	<0.20	<0.20
Bromoform	<0.15	<0.15	<0.15
Styrene	<0.25	<0.25	<0.25
1,1,2,2-Tetrachloroethane	<0.25	<0.25	<0.25
o-Xylene	<0.20	<0.20	<0.20
Benzyl Chloride	<0.30	<0.30	<0.30
4-Ethyl Toluene	0.29	0.27	<0.25
1,3,5-Trimethyl Benzene	<0.25	<0.25	<0.25
1,2,4-Trimethyl Benzene	0.36	0.36	<0.25
1,3-Dichlorobenzene	<0.20	<0.20	<0.20
1,4-Dichlorobenzene	<0.20	<0.20	<0.20
1,2-Dichlorobenzene	<0.20	<0.20	<0.20
1,2,4-Trichlorobenzene	<0.60	<0.60	<0.60
Hexachlorobutadiene	<0.40	<0.40	<0.40

Brian W. Fung  
Laboratory Director



**LABORATORY ANALYSIS REPORT**

Hydrogen Sulfide and Reduced Sulfur Compounds  
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: October 24, 2023  
Client: SCS Field Services  
Project Location: Chiquita Canyon Off site  
Project No.: 01204123.21 Task 18  
Date Received: October 4, 2023  
Date Analyzed: October 4, 2023

**ANALYSIS DESCRIPTION**

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	22773-40	22773-41	22773-42
Sample I.D.:	MS-07	MS-08	MS-12

<u>Components</u>	<i>(Concentration in ppbv)</i>		
Hydrogen sulfide	<25	<25	<25
Carbonyl sulfide	<30	<30	<30
Methyl mercaptan	<25	<25	<25
Ethyl mercaptan	<25	<25	<25
Dimethyl sulfide	<25	<25	<25
Carbon disulfide	<25	<25	<25
i-Propyl mercaptan	<25	<25	<25
t-Butyl mercaptan	<25	<25	<25
n-Propyl mercaptan	<25	<25	<25
s-Butyl mercaptan	<25	<25	<25
i-Butyl mercaptan	<25	<25	<25
Dimethyl disulfide	<25	<25	<25
Tetrahydrothiophene	<25	<25	<25
Unidentified sulfurs	<25	<25	<25

*(Concentration in ppbv, as H<sub>2</sub>S)*

Total Sulfur	ND	ND	ND
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ND - Not Detected

Brian W. Fung  
Laboratory Director

QUALITY ASSURANCE SUMMARY  
(Repeat Analyses)

Project Location: Chiquita Canyon Off site  
Date Received: October 4, 2023  
Date Analyzed: October 4, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppbv)			
Hydrogen sulfide	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---
Carbonyl sulfide	MS-07	<30	<30	---	---
	MS-08	<30	<30	---	---
	MS-12	<30	<30	---	---
Methyl mercaptan	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---
Ethyl mercaptan	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---
Dimethyl sulfide	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---
Carbon disulfide	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---
i-Propyl mercaptan	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---
t-Butyl mercaptan	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---
n-Propyl mercaptan	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---
s-Butyl mercaptan	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---
i-Butyl mercaptan	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---



QUALITY ASSURANCE SUMMARY  
 (Repeat Analyses)  
 (continued)

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppbv)			
Dimethyl disulfide	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---
Tetrahydrothiophene	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---
Unidentified sulfurs	MS-07	<25	<25	---	---
	MS-08	<25	<25	---	---
	MS-12	<25	<25	---	---

Three Tedlar bag samples, laboratory numbers 22773-(40-42), were analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD".



## CHAIN OF CUSTODY RECORD

SCS FIELD SERVICES				TOTAL NUMBER OF SAMPLES: <b>3</b>			ANALYSES REQUESTED						LAB USE ONLY
4200 Jurupa Street, Suite 320 Ontario, CA 91761 Office 909-373-2508				PAGE <b>1</b> OF <b>1</b>			<div style="display: flex; justify-content: space-around; font-size: 2em; font-weight: bold;"> <span>10.15</span> <span>307.91</span> </div>						Atmnd # 22778-40 -41 -42
PROJECT NUMBER: <b>01204123.21 TASK 18</b>				TURNAROUND TIME REQUIRED: <input checked="" type="checkbox"/> Std. <input type="checkbox"/> 3-Day <input type="checkbox"/> 24-Hr. <input type="checkbox"/> Other									
PROJECT NAME: <b>CANQUITA CANYON MS's (OFF-SITE)</b>				PROJECT MANAGER: <b>RAY HUFF</b>									
PROJECT LOCATION: <b>CANQUITA CANYON LANDFILL</b>				W.O. / S.O. #: <b>524</b>									
SAMPLER NAME AND SIGNATURE: <b>ADRIAN GASPAREK</b>													
I.D. NUMBER	SAMPLE DESIGNATION	SAMPLE MATRIX	DATE/TIME COLLECTED	CONTAINER SIZE/TYPE	SAMPLE PRESERVATIVE	SPECIAL INSTRUCTIONS/COMMENTS							
①	MS-07	AIR	10/4/23 8:00	1 L. TADUR	-	.	X	X					
②	MS08	AIR	10/4/23 8:40	1 L. TADUR	-	-	X	X					
③	<del>MS-12</del> MS-12	AIR	10/4/23 10:00	1 L. TADUR	-	-	X	X					

NOTES:						SAMPLE CONDITION UPON RECEIPT:					
RELINQUISHED BY:		DATE: <b>10/4/23</b>		ACCEPTED BY:		DATE:		RELINQUISHED BY:		DATE: <b>10/4/23</b>	
COMPANY: <b>SCS-S</b>		TIME: <b>12:20</b>		COMPANY:		TIME:		COMPANY: <b>Atmnd</b>		TIME: <b>12:20</b>	



LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: November 27, 2023  
Client: SCS Field Services  
Project Location: Chiquita Canyon Landfill Off site  
Project No.: 01204123.19 Task 10  
Date Received: November 21, 2023  
Date Analyzed: November 22, 2023

AtmAA Lab No.:	23253-21	23253-22	23253-23
Sample I.D.:	MS-06	MS-09	MS-10
Components	(Concentration in ppmv)		
Methane	1.63	1.71	1.82
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.16	0.13	0.12
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	7.38	5.05	7.70
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.34	0.26	0.20
o-xylene	0.13	<0.12	<0.12

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.


Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

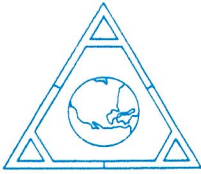
\* total amount containing meta, para, and ortho isomers

Brian W. Fung  
Laboratory Director

## CHAIN OF CUSTODY RECORD

Client/Project Name: (OFF) <b>Chiquita Canyon Landfill</b>		Project Location: <b>Chiquita Canyon</b>			ANALYSES REQUESTED						
Project Number: <b>01204123.19 TASK 10</b>		Field Logbook Number:			<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TO-15</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">307.91</div> </div>						
Sampler: (Signature) <i>[Signature]</i>		Turnaround Times: Standard 10 day Expedited: 24hr / 48hr / <b>72hr</b> / 5 day									
Client Sample Identification	Type of Sample Canister ID	AtmAA Lab Number	Sampling Date	Sampling Time							
MS-06	Tedlar	23253-21	11/21	1218	X	X					
MS-09	↓	-22	↓	1158	X	X					
MS-10	↓	-23	↓	0854	X	X					
Relinquished by: (Signature) <i>[Signature]</i>		Date	Time	Received by: (Signature)				Date	Time		
		11/21	1636								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)				Date	Time		
Relinquished by: (Signature)		Date	Time	Received for Laboratory by: (Signature)				Date	Time		
				<i>[Signature]</i>				11-21-23	4:59		
Company Info:		Send Report to:			Analytical Laboratory						
Company:		Company:			AtmAA Inc.						
Street Address		Street Address			23917 Craftsman Rd.						
City/State/Zip:		City/State/Zip:			Calabasas, CA 91302						
Telephone No.:		Project Manager:			TEL: (818) 223-3277						
Email Address:		Email Address:			Email Address: info@atmaa.com						





LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: January 3, 2024  
Client: SCS Field Services  
Project Location: Chiquita Canyon Landfill Off site  
Project No.: 01204123.19 T10  
Date Received: December 14, 2023  
Date Analyzed: December 14 & 15, 2023

AtmAA Lab No.:	23483-13	23483-14	23483-15
Sample I.D.:	MS-08	MS-12	MS-11
<u>Components</u>	(Concentration in ppmv)		
Methane	1.63	1.78	1.71
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.77	0.38	0.26
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.92	0.70	0.64
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.39	0.38	0.29
o-xylene	0.18	0.14	0.14

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.

Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.

Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.

\* total amount containing meta, para, and ortho isomers

Brian W. Fung  
Laboratory Director

